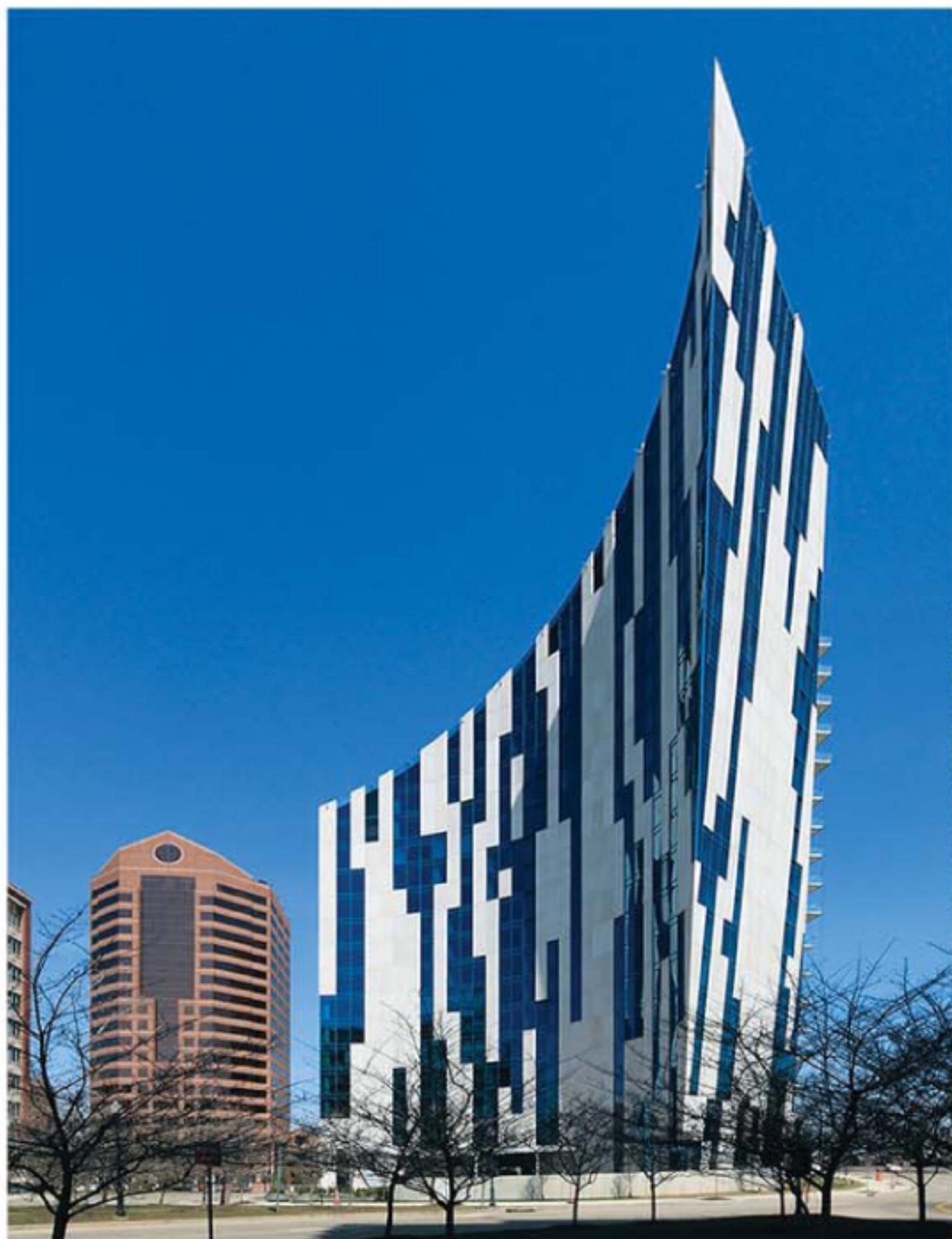


Product Manual



*Achiever Residential
Entry Systems*

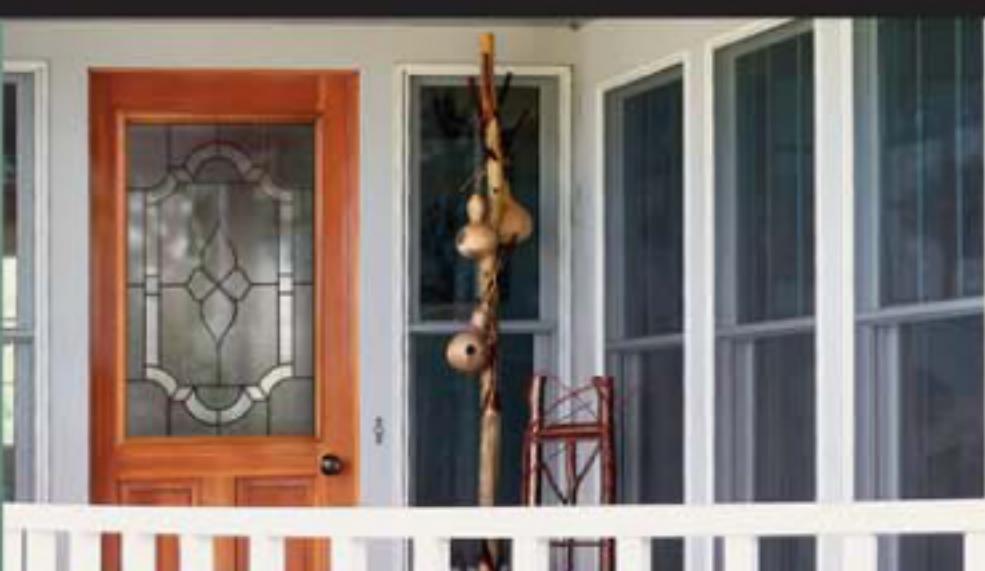
*Achiever Manufactured
Housing Entry Systems*

*Rediframe
Door Frames*

*Slimfold
Closet Systems*



DUNBARTON DOOR AND ENTRY SYSTEMS



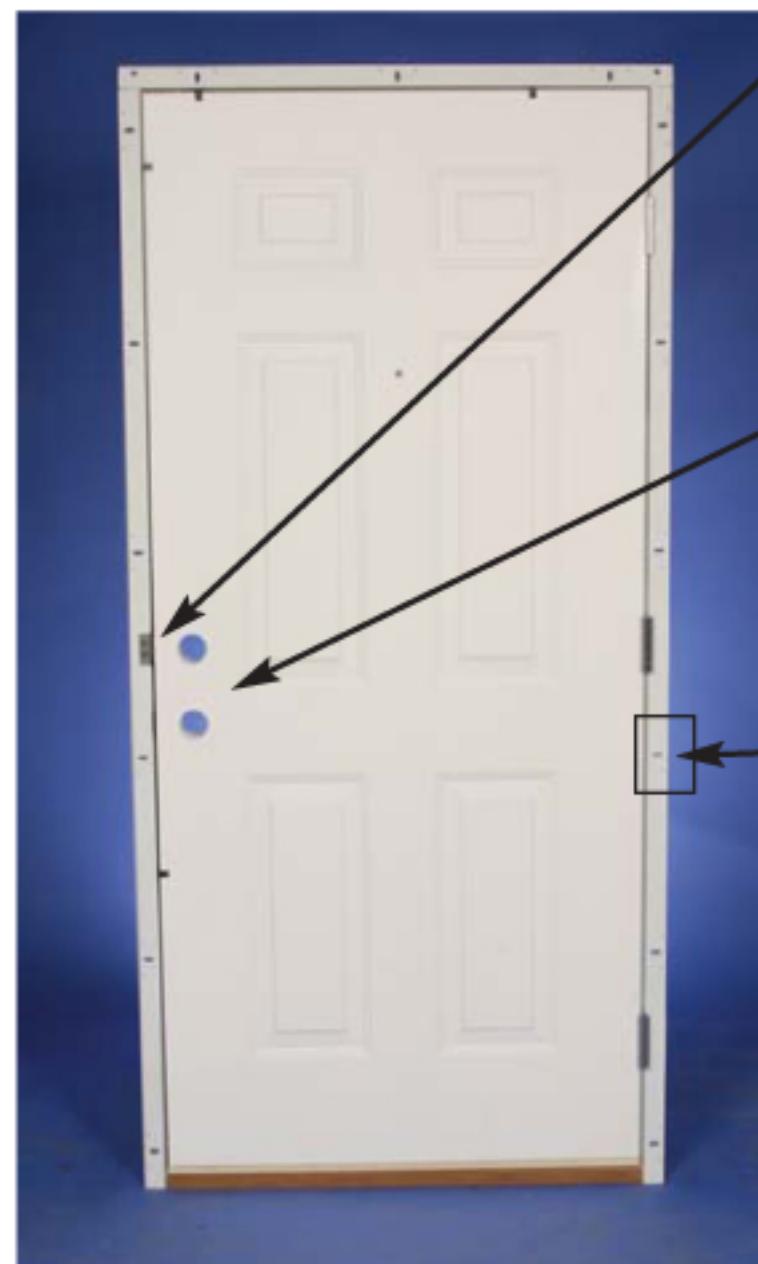
 **ACHIEVER**

 **REDIFRAME**

 **SLIMFOLD**

Rediflex® Steel Split-Frame (Adjustable)

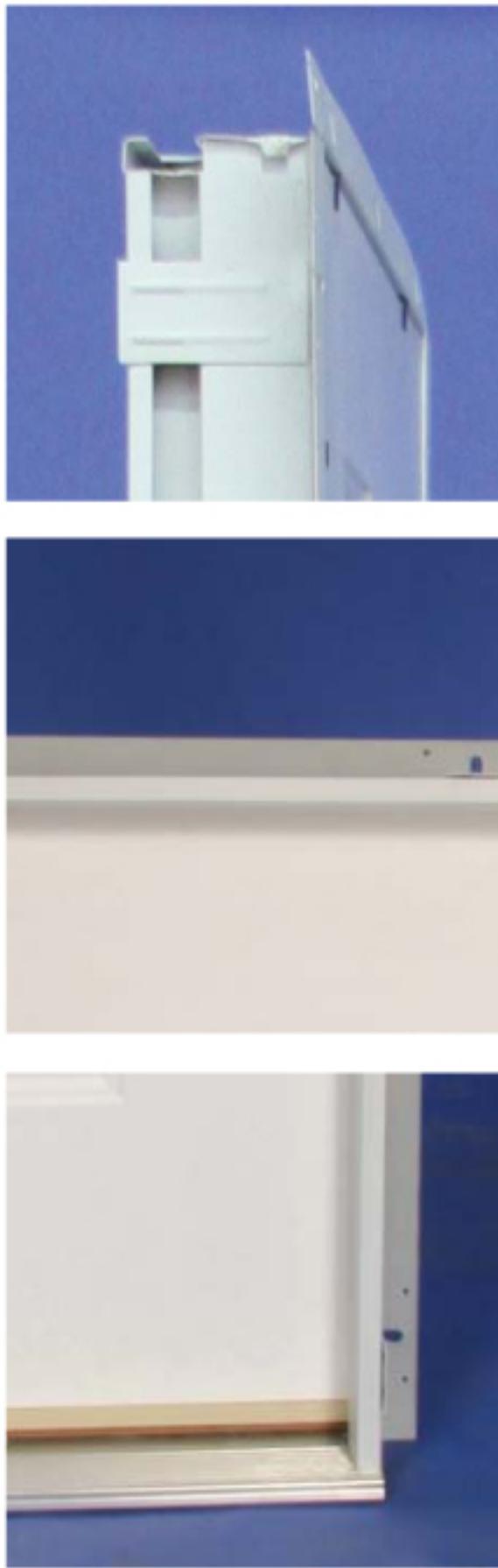
- **Door Options:**
Steel (Wood or Steel Edge), Fiberglass
- Single, Pair, Patio
- Viewer Site Prep (Optional)
- **Steel frame** won't rot, split, warp, or crack
- Frame, sill, and door in one package
- Prime or Custom Finish
- Inswing or Outswing
- Security on 18- or 20-gauge steel frame
- 20- / 90-minute, or non-rated units available
- Allows 1" frame adjustment for a variety of wall sizes



- **Prehang Bracket** holds assembly in correct position during installation
- **14 Gage** hinge reinforcement
- **Lock Prep:**
Single or double bore; 1-1/4" x 2-3/4" T-strike and 1-1/8" x 2-3/4" deadbolt, mortise
- **Oval vision hole** and casing locator for wood casing
- **Weatherstripping:**
90-minute Kerf foam (Neutral Pressure)
- **Positive Pressure Approved**

ACHIEVER™

Steel Frame Details



Pre-Tested. Pre-Hung.



4. Attach Fascia to Header

Screw steel fascia-track assembly (8615-4002) to header, locating front edge of fascia 3/16" back from face of jamb. Locate heading edge of floor track 1-3/16" back from face of jamb, so doors will hang plumb (see Cross Sectional Detail). When aluminum track with integral fascia (4052) is used, locate front edge of fascia back 1/8", and leading edge of floor track 1-1/8" back from face of jamb.

When only a wood fascia is used, locate top track 5/8" and floor track 7/8" back from inside face of fascia.

Any shelf or cabinet inside wardrobe should be a minimum of 4-1/2" back from head (or side) jamb.

New Construction: For best results and performance, it is recommended that the track be put down before laying carpet. Depending upon the height of the finished floor, a continuous wood shim can be placed underneath the track to provide additional clearance between the door and carpet. The carpet can be installed up to the track and the door can be installed later.

Existing Dwelling: When installing SLIMFOLD doors in an area where carpet has been previously laid, lay the track on top of the existing carpet and screw into the floor below.

CAUTION: Turn screw slowly to avoid causing a runner in the carpet.

4. Install Doors in Opening

Stand behind door on inside of wardrobe. Tip bottom of door outward (about 15") to engage wheels in track. Install the inside or rear door first (Figure 5).



FIGURE 5

5. Vertical Adjustment

use Phillips screwdriver for vertical adjustment at (A), plumbing left door to left jamb, right door to right jamb (Figure 6). (Screw is self-locking in any position.)

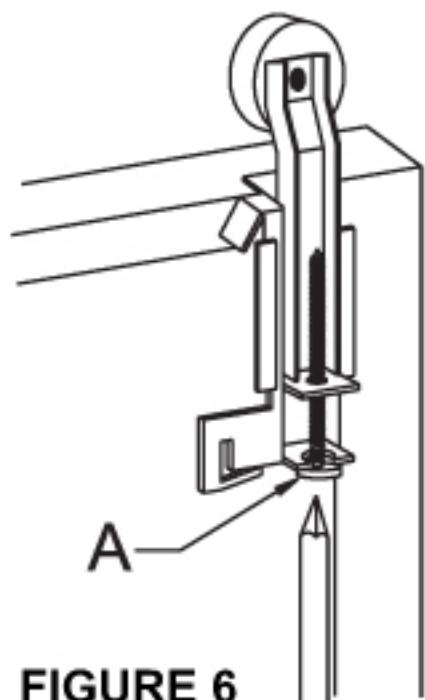


FIGURE 6

6. Set Bottom Guide

After obtaining approximately 1/2" clearance at floor, press nylon button guide down with thumb at (B) until hooks (C) snap into floor track. Guide will ride up and down in channel to compensate for uneven floor level, without disengaging door. Guide can be removed by prying up under nylon flange (Figure 7).

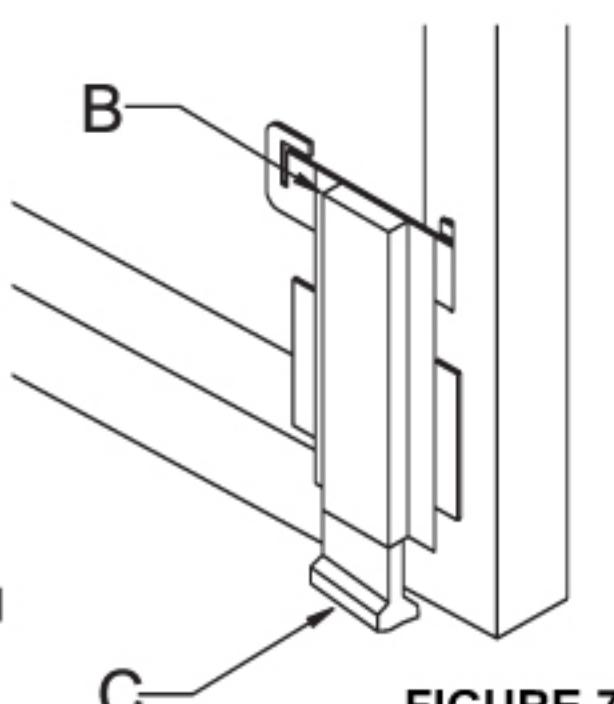


FIGURE 7

7. Apply Sealer

Applying a sealer coat to backside of prefinished paneling is recommended. If panels are to be painted, paint both sides with an equal number of coats. Use oil base undercoat if finish will be water-based (latex) paint.

SLIMFOLD PRODUCTS LIMITED LIFETIME WARRANTY

Slimfold Products Division warrants to the purchaser that its products, when utilized for interior door use, will be free from defects in materials and workmanship for the life of the product.

Slimfold Products manufactured with galvanized steel are additionally warranted against rusting for a period of one (1) year from the date of purchase, provided the finish has not been cut or abraded through the metal. Galvanized steel should be used where air has a high salt content or in locations with high humidity.

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There are no warranties, express or implied, which extend beyond the description on the face hereof, including the implied warranty of merchantability and the implied warranty of fitness for a particular purpose.

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In the event the original consumer purchaser of any Slimfold product believes that the door or any parts thereof covered by this warranty is defective, a letter outlining the alleged defect should be sent postage prepaid to the following address:

**Slimfold Products Division
PO Box 6416
Dothan, AL 36302**

Any Slimfold Products part covered by this warranty which, upon inspection by an authorized representative of Slimfold Products Division, are found by said representative to be defective, will be repaired or replaced at the option of Slimfold Products Division. The purchase price of the part will be refunded and does not include labor, installation costs, finishing costs, or indirect or consequential damages of any nature. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

This warranty bestows certain legal rights, and you may also have other rights which vary from state to state.

CARING FOR YOUR SLIMFOLD DOOR

KEEP TRACK FREE OF DIRT AND PAINT!

- Clean mirror surface with clean, warm water or approved glass cleaner. Do not use any acid or alkali cleaners or cleaners with ammonia base. They will attack front surface, edges and backing of glass.
- Use a clean, soft cloth when cleaning to avoid scratching mirror surface.
- Never spray any cleaner directly on to the mirror. Apply to cloth first, then wipe mirror.
- Be sure to dry all edges thoroughly.



SLIMFOLD™

Closet Systems

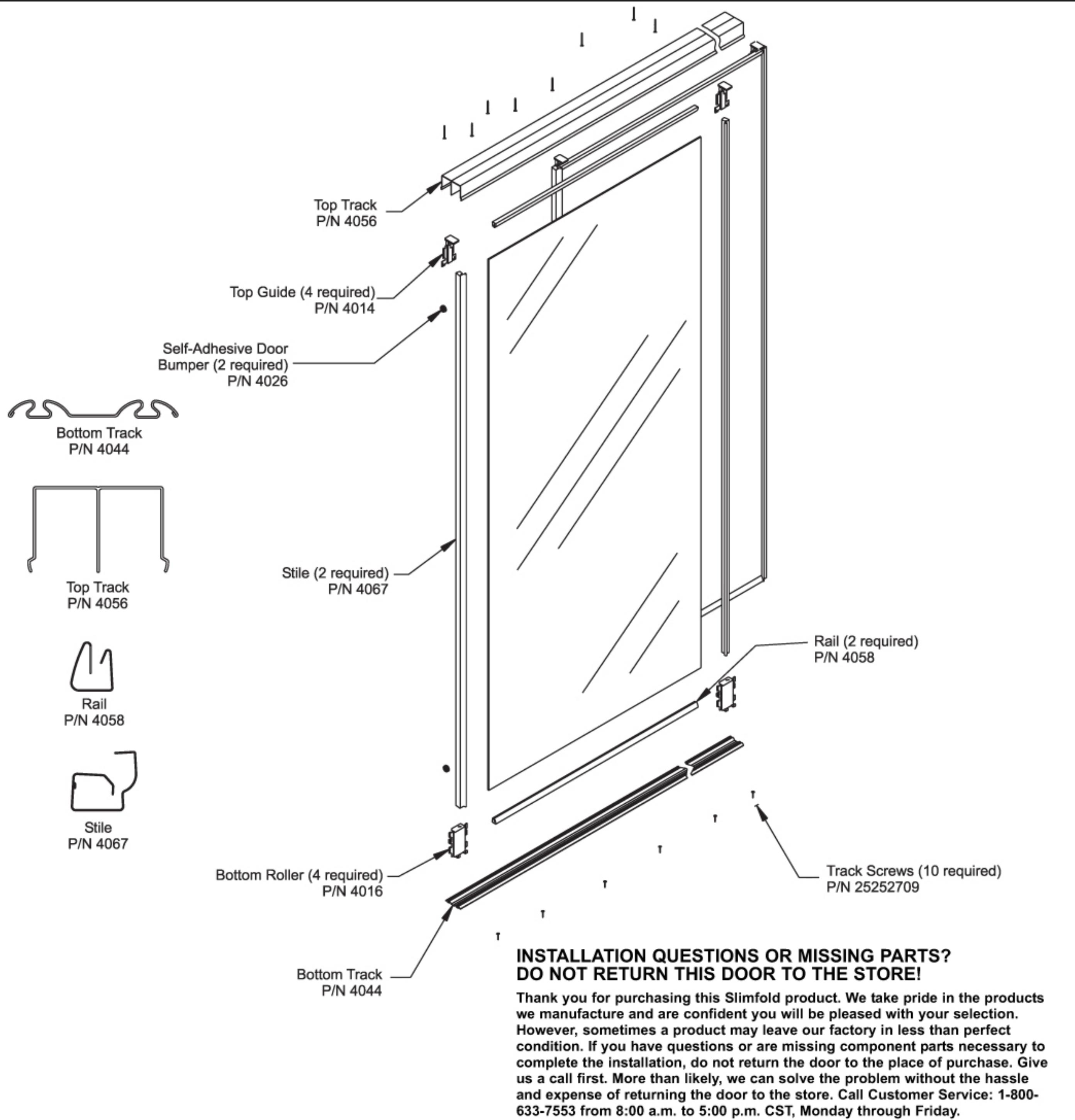
P.O. BOX 8577 | DOTHAN, ALABAMA 36304-0577
800-633-7553
334-793-3462 (fax)
www.dunbarton.com
email: slimfold@dunbarton.com

INSTALLATION SHEET

Keep These Instructions!

PLEASE FOLLOW ALL INSTRUCTIONS AND ALWAYS
USE PROTECTIVE EYEWEAR WHEN INSTALLING A
DOOR SYSTEM. PLEASE READ INSTRUCTIONS
COMPLETELY.

SERIES 4260 FRAMED MIRROR SLIDING DOORS



SLIMFOLD™

Closet Systems

Slimfold Products, A Division of the Dunbarton Corporation
P.O. Box 8577, Dothan, AL 36304-0577
Toll Free: (800) 633-7553 Tel: (334) 794-0661 Fax: (334) 793-7022
Web Page: www.dunbarton.com E-mail: slimfold@dunbarton.com

BEFORE YOU BEGIN

PLEASE FOLLOW ALL INSTRUCTIONS AND ALWAYS USE PROTECTIVE EYEWEAR WHEN INSTALLING A DOOR SYSTEM. PLEASE READ INSTRUCTIONS COMPLETELY.

Assemble Tools

Safety glasses	Level
Phillips head screwdriver	Tape Measure
Straight head screwdriver	Power drill or screw gun ($\frac{3}{16}$ " bit)

Measure Opening

Measure the Finished Opening Size; refer to Specifications below to insure proper door size (FIGURE 1).

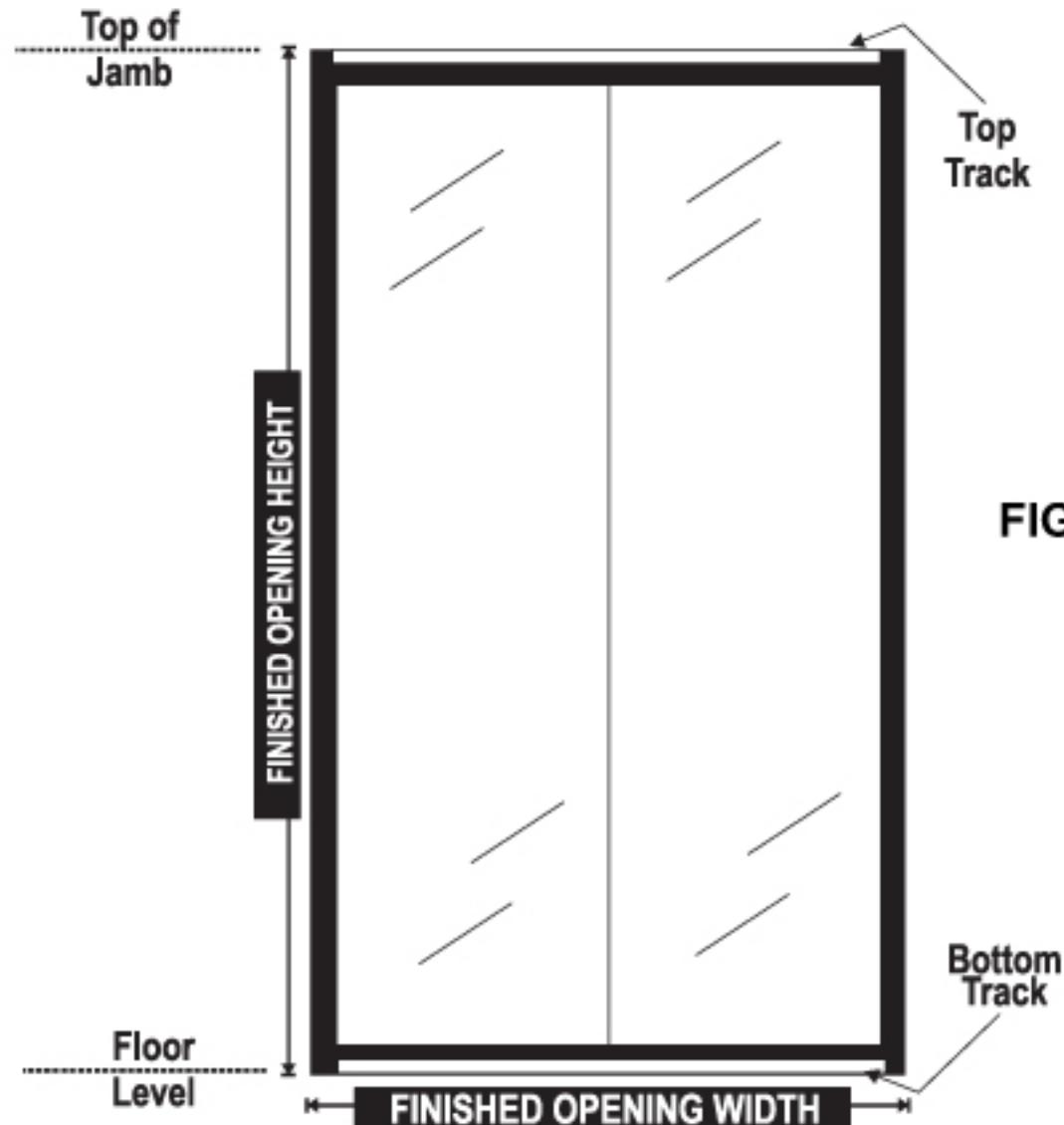


FIGURE 1

For sliding mirror doors up to 48" x 96", using 1/8", 5/32" or 3/16" safety glazed mirrors that conform to ANSI Z97.1 or CPSC42FR 1428; 16CFR Part 1201.

Specifications

STANDARD SIZES—TWO PANEL UNITS

Size	Door Width	FINISHED OPENING WIDTH	FIN. OPNG. HGTTS.	
			6'8"	8'0"
4'0" (1219)	24 $\frac{5}{8}$ " (626)	48" (1219)	80 $\frac{1}{2}$ " (2045)	96" (2438)
5'0" (1524)	30 $\frac{5}{8}$ " (778)	60" (1524)		
6'0" (1829)	36 $\frac{5}{8}$ " (930)	72" (1829)		
8'0" (2438)	48 $\frac{5}{8}$ " (1235)	96" (2438)		

STANDARD SIZES—THREE PANEL UNITS

Size	Door Width	FINISHED OPENING WIDTH	FIN. OPNG. HGTTS.	
			6'8"	8'0"
9'0" (2743)	36 $\frac{5}{8}$ " (930)	108" (2743)	80 $\frac{1}{2}$ " (2045)	96" (2438)
12'0" (3658)	48 $\frac{5}{8}$ " (1235)	144" (3658)		

Finished Opening Width Tolerance +1/4"/-0 (+6/-0)

All increments shown in (parenthesis) are metric (millimeter) unless otherwise indicated. Non-standard sizes available; check with your dealer for sizes and availability.

INSTALLATION

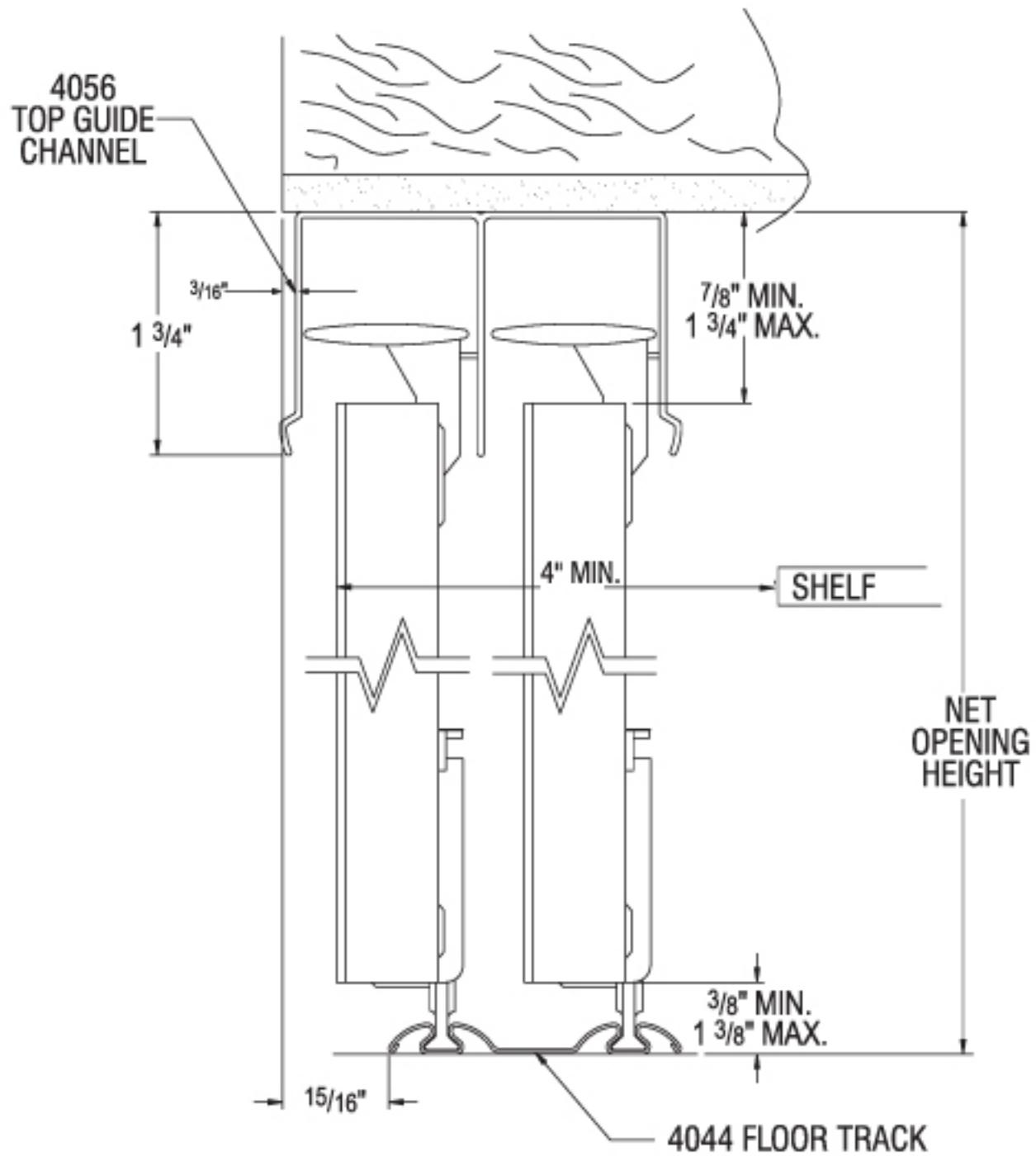
1. Remove Door from Packing Material

Carefully open the door package and remove the track packed inside the door (track can be packed separately if requested). Locate hardware bag(s) containing the following components for the 4260 Mirror Slider.

4260 MIRROR SLIDER INCLUDES:

- Ten Track Screws (P/N 25252709)

CROSS-SECTIONAL DETAIL



2. Cut Tracks to Size

Saw 4056 top guide track to length if necessary, using a fine-tooth (32 teeth/inch) hacksaw. Before cutting, insert 2 x 4 wood blocks between channels next to saw cut, and hold firmly together for smoother cutting. It is not necessary to support the 4044 floor track while cutting (Figure 2).

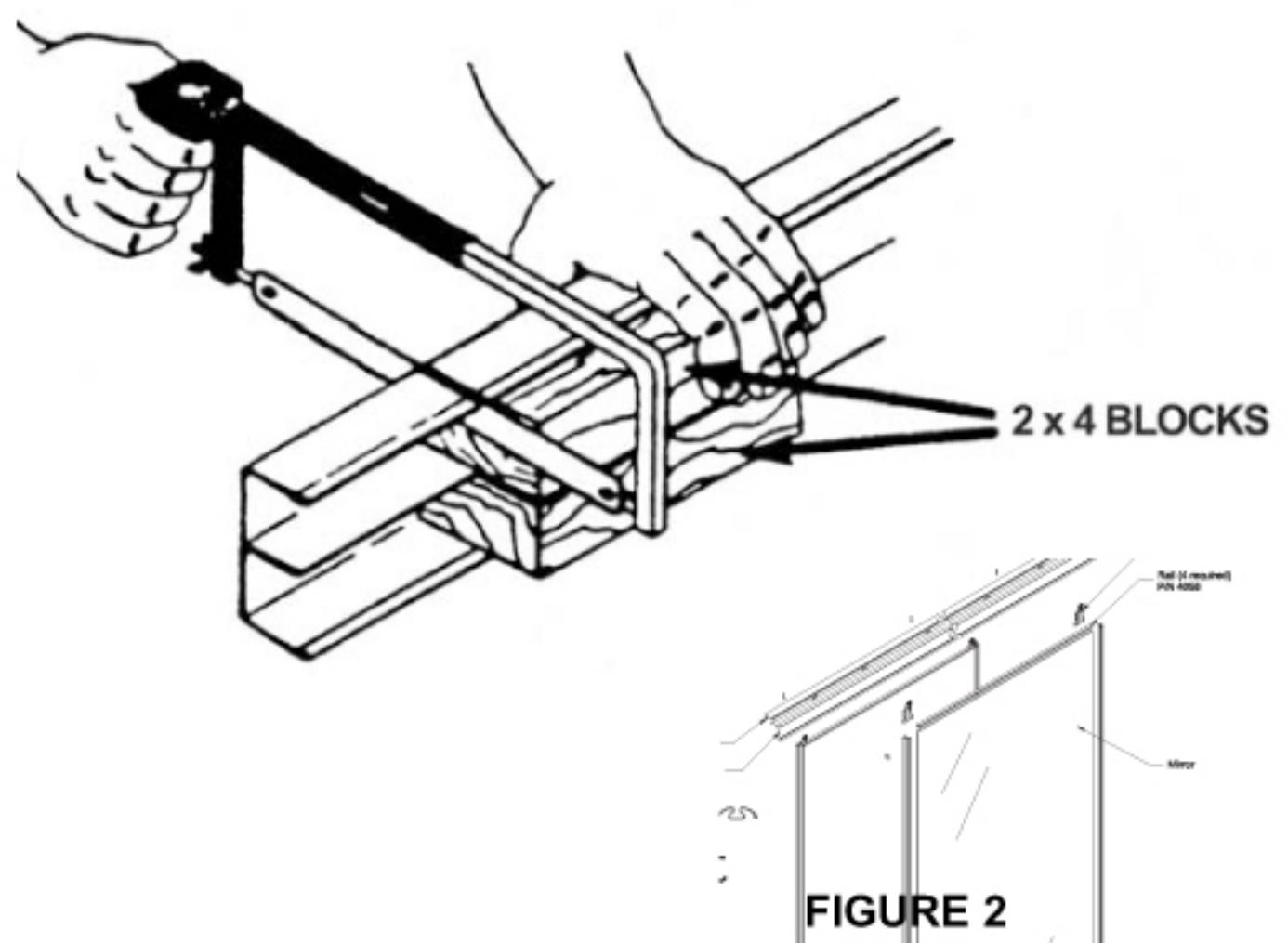


FIGURE 2

3. Attach Tracks

Screw 4056 steel guide track to header, locating front edge 3/16" back from face of jamb. Locate leading edge of 4044 floor track 15/16" back from front face of jamb, so doors will hang plumb.

If carpeted, spacers (3/16" to 3/8" thick) are recommended to raise floor track (Figure 3). For installation on top of carpet, see "Existing Dwelling" below.

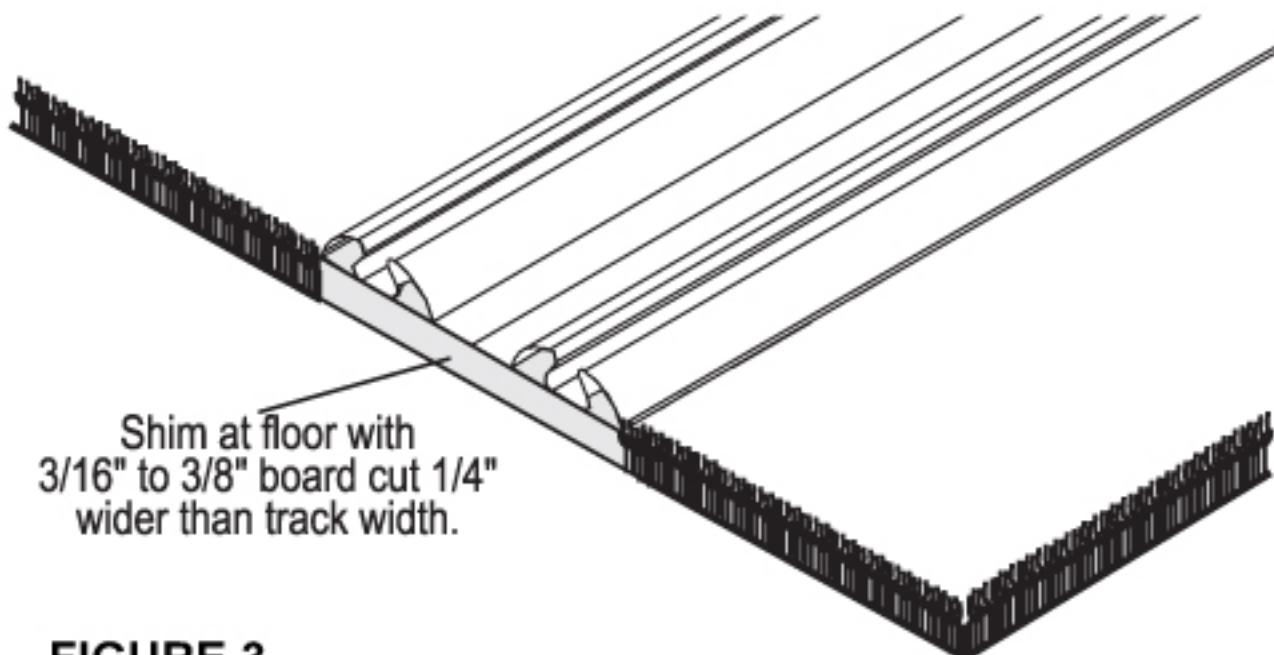


FIGURE 3

New Construction: For best results and performance, it is recommended that the track be put down before laying carpet. Depending upon the height of the finished floor, a continuous wood shim can be placed underneath the track to provide additional clearance between the door and carpet. The carpet can be installed up to the track and the door can be installed later.

Existing Dwelling: When installing SLIMFOLD doors in an area where carpet has been previously laid, lay the track on top of the existing carpet and screw into the floor below. **CAUTION:** Turn screw slowly to avoid causing a runner in the carpet.

4. Install Doors Into Opening

Doors are shipped with the bottom rollers fully retracted. Before proceeding to install doors, extend rollers 1/4" by turning the adjusting bolt counterclockwise.

Install rear door first. Insert top of door into the top guide channel first, then swing bottom of door over bottom track and lower lowers into rear groove. Install front door in the same manner (Figure 4).



FIGURE 4

5. Adjust Doors

To perfectly align the doors with the side walls or end panels, use a screwdriver and turn the adjustment screw in the bottom wheel to the left or right to raise or lower the door (Figure 5).

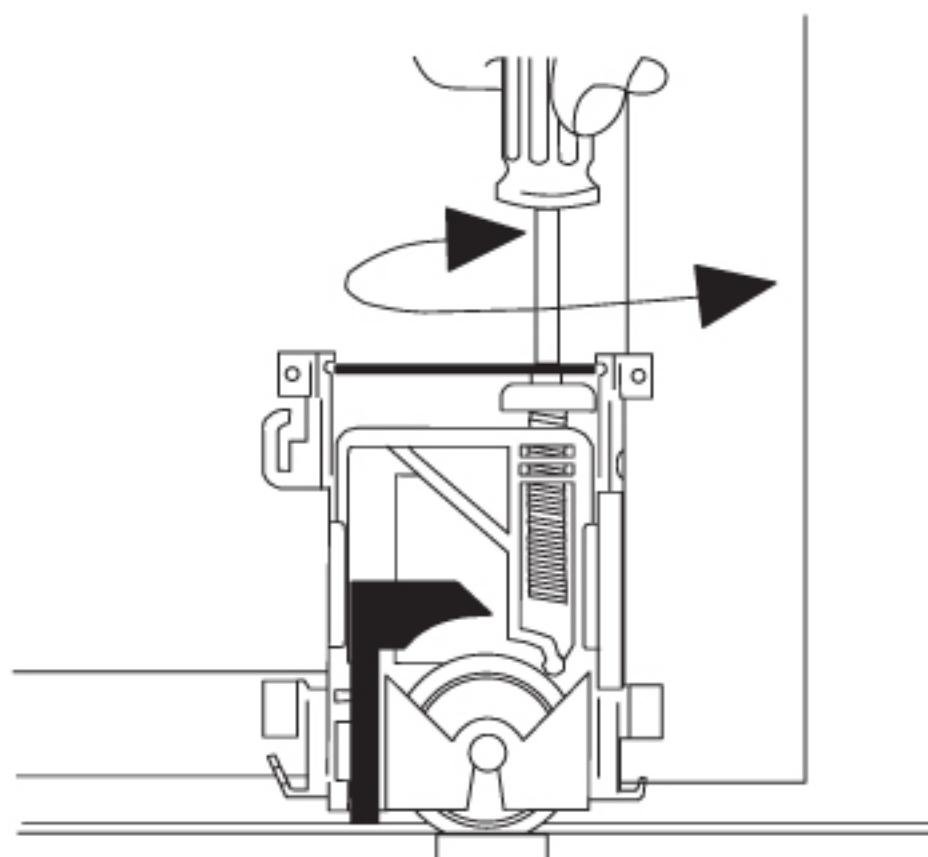


FIGURE 5

6. Engage Jump-Resistant Device in the Bottom Wheel

Open clip and push down into the floor track channel. Close the clip (Figure 6).

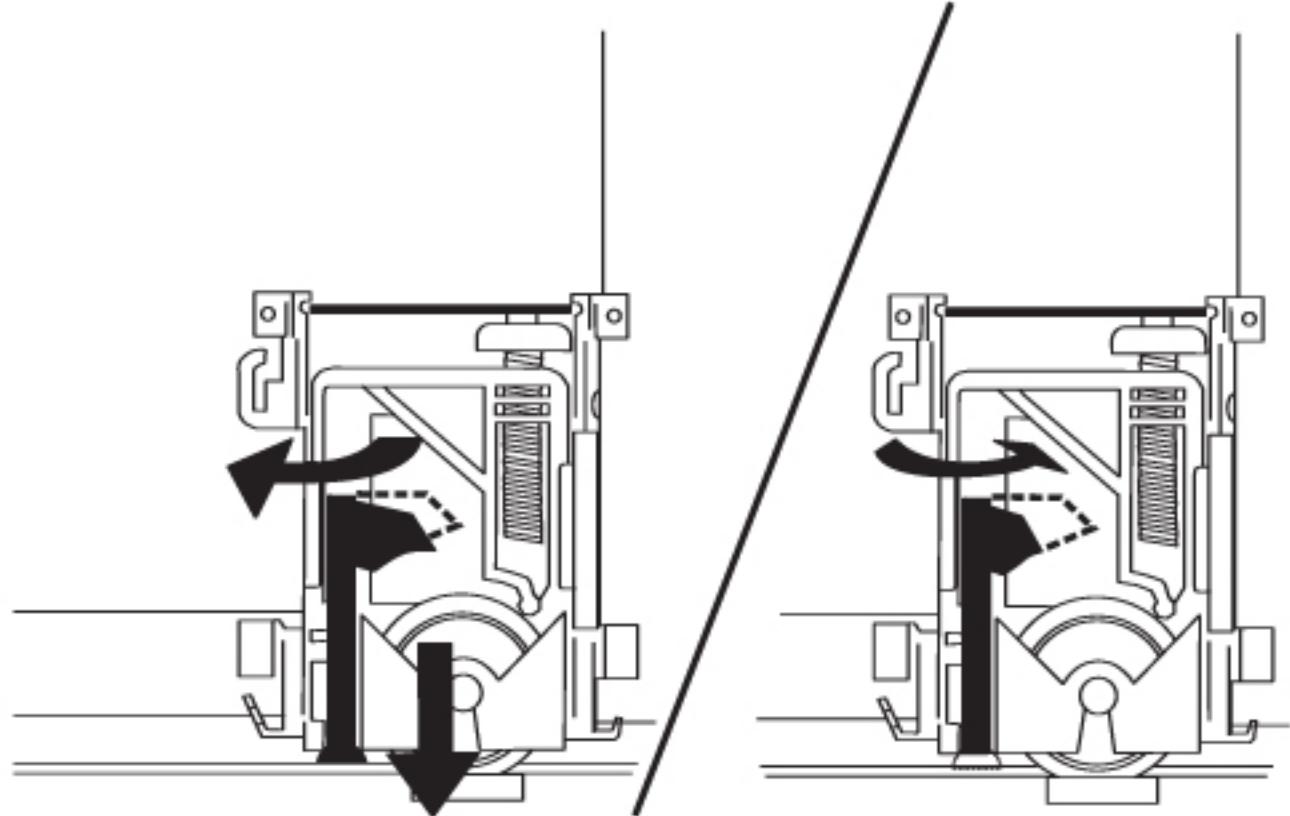


FIGURE 6

SLIMFOLD PRODUCTS LIMITED LIFETIME WARRANTY

Slimfold Products Division warrants to the purchaser that its products, when utilized for interior door use, will be free from defects in materials and workmanship for the life of the product.

Slimfold Products manufactured with galvanized steel are additionally warranted against rusting for a period of one (1) year from the date of purchase, provided the finish has not been cut or abraded through the metal. Galvanized steel should be used where air has a high salt content or in locations with high humidity.

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There are no warranties, express or implied, which extend beyond the description on the face hereof, including the implied

warranty of merchantability and the implied warranty of fitness for a particular purpose.

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In the event the original consumer purchaser of any Slimfold product believes that the door or any parts thereof covered by this warranty is defective, a letter outlining the alleged defect should be sent postage prepaid to the following address:

Slimfold Products Division

PO Box 8577

Dothan, AL 36304-0577

Any Slimfold Products part covered by this warranty which, upon inspection by an authorized representative of Slimfold Products Division, are found by said representative to be defective, will be repaired or replaced at the option of Slimfold Products Division. The purchase price of the part will be refunded and does not include labor, installation costs, finishing costs, or indirect or consequential damages of any nature. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

This warranty bestows certain legal rights, and you may also have other rights which vary from state to state.

CARING FOR YOUR SLIMFOLD DOOR KEEP TRACK FREE OF DIRT AND PAINT!

Steel Bifolds

Clean steel surface with a soft cloth using a mild detergent and water. Do not use harsh cleaners or abrasive.

Mirrors

- Clean mirror surface with clean, warm water or approved glass cleaner. Do not use any acid or alkali cleaners or cleaners with ammonia base. They will attack front surface, edges and backing of glass.
- Use a clean, soft cloth when cleaning to avoid scratching mirror surface.
- Never spray any cleaner directly on to the mirror. Apply to cloth first, then wipe mirror.
- Be sure to dry all edges thoroughly.



SLIMFOLD™

Closet Systems

Slimfold Products, A Division of the Dunbarton Corporation

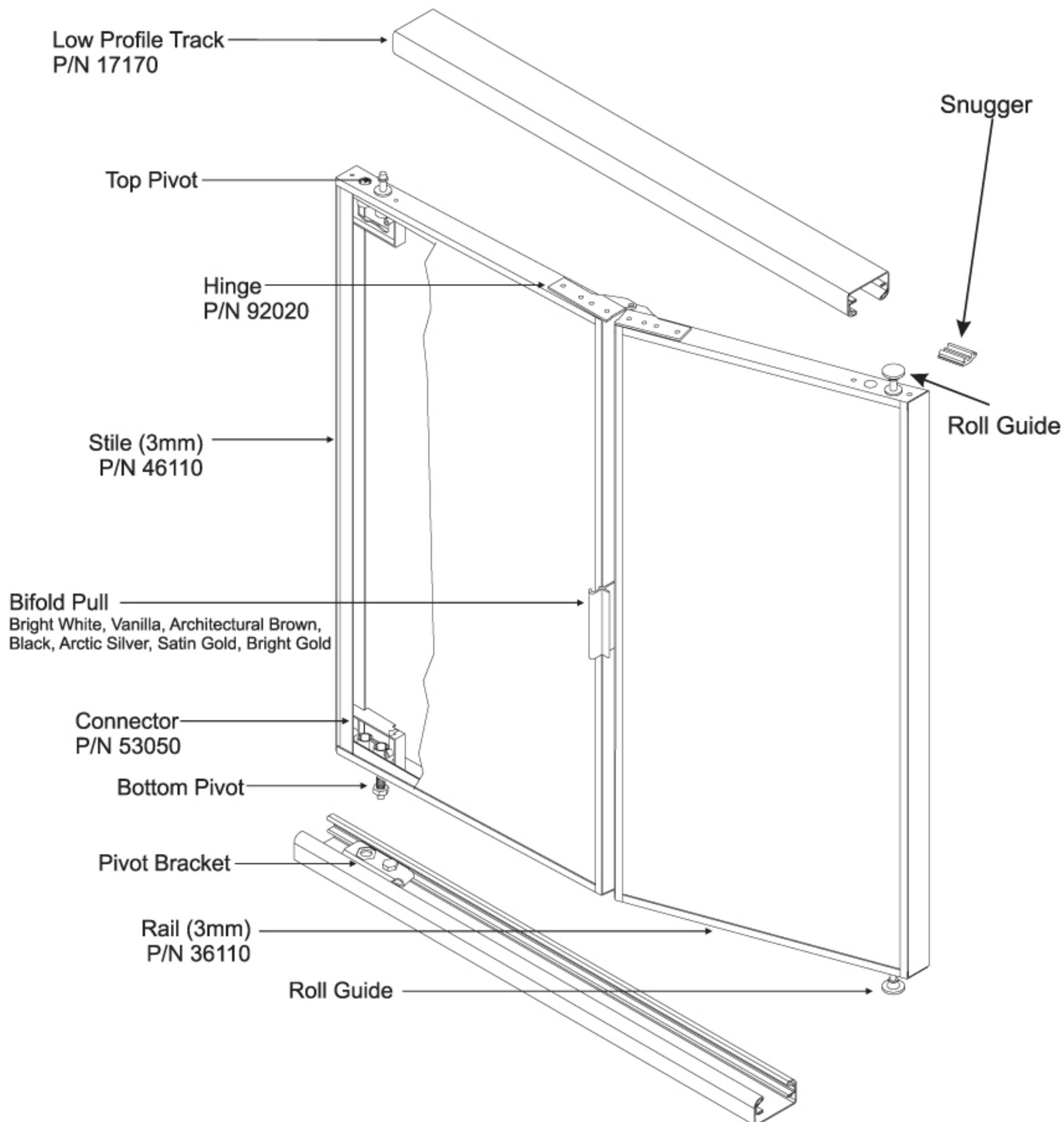
P.O. Box 8577, Dothan, AL 36304-0577

Toll Free: (800) 633-7553 Tel: (334) 794-0661 Fax: (334) 793-7022

Web Page: www.dunbarton.com E-mail: slimfold@dunbarton.com

4400 Series

Framed Steel Bifold Door System



INSTALLATION QUESTIONS OR MISSING PARTS? DO NOT RETURN THIS DOOR TO THE STORE!

Thank you for purchasing this Slimfold product. We take pride in the products we manufacture and are confident you will be pleased with your selection. However, sometimes a product may leave our factory in less than perfect condition. If you have questions or are missing component parts necessary to complete the installation, **do not return the door to the place of purchase**. Give us a call first. More than likely, we can solve the problem without the hassle and expense of returning the door to the store. **Call Customer Service: 1-800-633-7553 from 8:00 a.m. to 5:00 p.m. CST, Monday through Friday.**

PARTS SCHEDULE

Track Hardware Bag PN 17170 (Installed in Track)
 Snugger (2 per set, 1 per hand)
 Roll Guide (2 per set, 1 per hand)
 Pivot Bracket (2 per set, 1 per hand)
Hardware Bag PN 88760
 Bifold Pull (1), Spring Pivot (3), Bottom Pivot (1),
 1-1/2" Track Screw (5), Instruction Sheet (1)



SLIMFOLD™

Closet Systems

BEFORE YOU BEGIN

PLEASE FOLLOW ALL INSTRUCTIONS AND ALWAYS USE PROTECTIVE EYEWEAR WHEN INSTALLING A DOOR SYSTEM. PLEASE READ INSTRUCTIONS COMPLETELY.

INSTALLATION

1. Trim Tracks to Fit Opening

Using a fine tooth hacksaw, cut the top and bottom tracks $1/16"$ (2mm) less than the width of the opening if they do not fit.

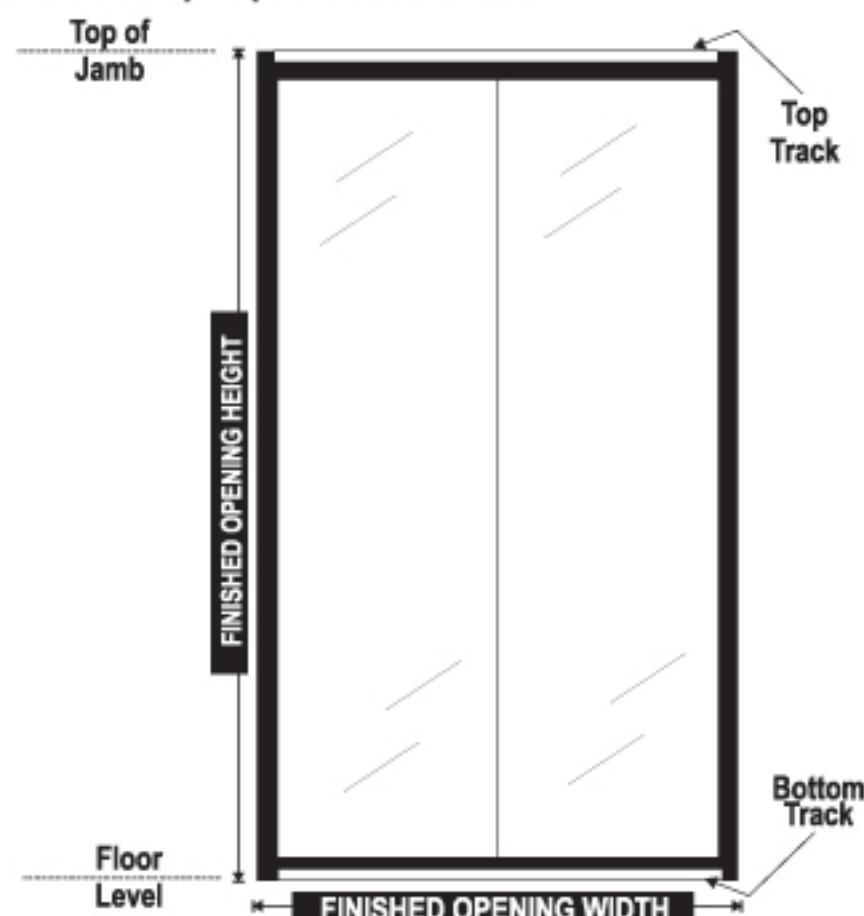


Assemble Tools

Safety Glasses	Level
Phillips head screwdriver	Tape Measure
Straight edge screwdriver	Power drill or screw gun (3/16" bit)

Measure Opening

Measure the Finished Opening Size; refer to Specifications below to insure proper door size.



HEIGHT: These bifold doors are sized to fit standard opening sizes. They will operate properly, however, where height is $7/16"$ over or $5/16"$ under the nominal height.

WIDTH: Doors are sized for standard openings. The opening may be up to $1/4"$ over for two doors and $1/2"$ over for four doors.

MIRRORS: 3mm float plate glass mirror, safety backed to conform with Uniform Building Code Standard 23-2, Part II. Safety mirror 400 lb. ft. Impact test ANSI Z-97.1 1984 boil and impact test. 4mm float plate glass mirror for heights greater than 7'0".

STANDARD SIZES—TWO PANEL UNITS					
Size	Door Width	FINISHED OPENING WIDTH	FIN. OPNG HEIGHTS		
			6'8" Units	8'0" Units	
2'0" (610)	23-1/2" (597)	24" (610)	80-1/2" (2045)	96" (2438)	
2'6" (762)	29-1/2" (749)	30" (762)			
3'0" (914)	35-1/2" (902)	36" (914)			

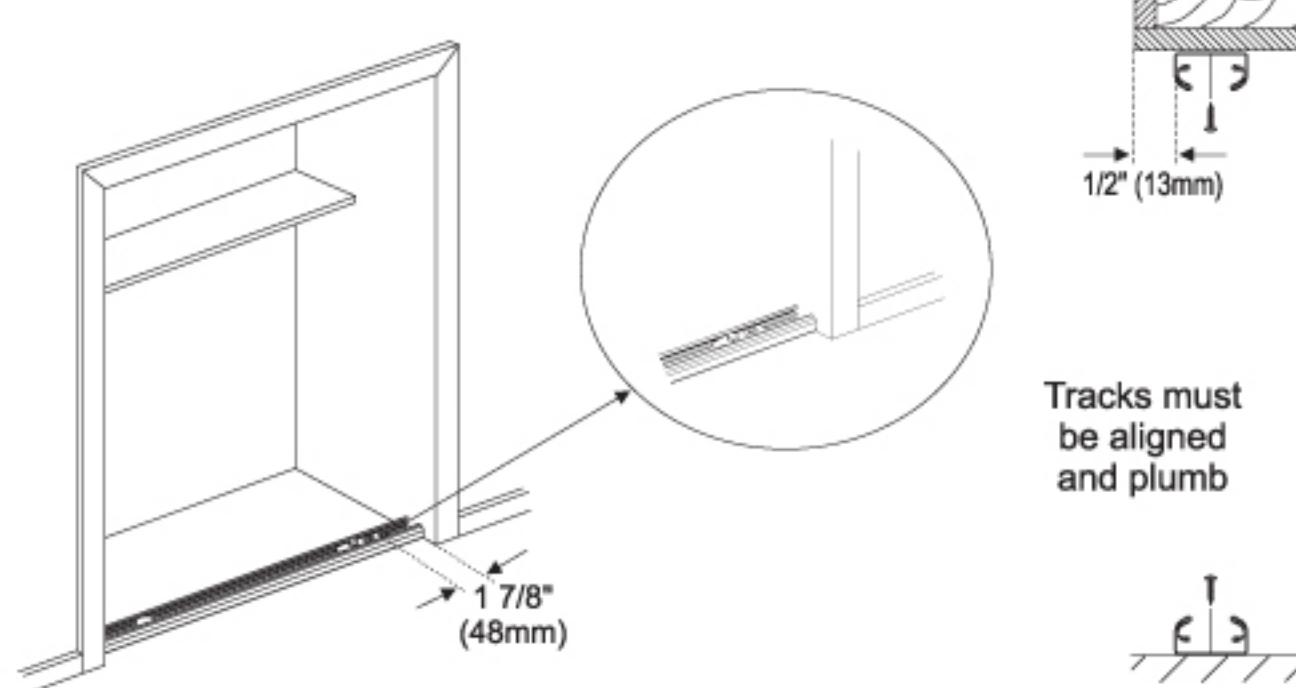
STANDARD SIZES—FOUR PANEL UNITS					
Size	Door Width	FINISHED OPENING WIDTH	FIN. OPNG HEIGHTS		
			6'8" Units	8'0" Units	
4'0" (1219)	47" (1194)	48" (1219)	80-1/2" (2045)	96" (2438)	
5'0" (1524)	59" (1499)	60" (1524)			
6'0" (1829)	71" (1803)	72" (1829)			

Finished Opening Width Tolerance +1/4"/-0 (+6/-0)

All increments shown in (parenthesis) are metric (millimeter) unless otherwise indicated. Non-standard sizes available; check with your dealer for sizes and availability.

2. Install Top and Bottom Tracks

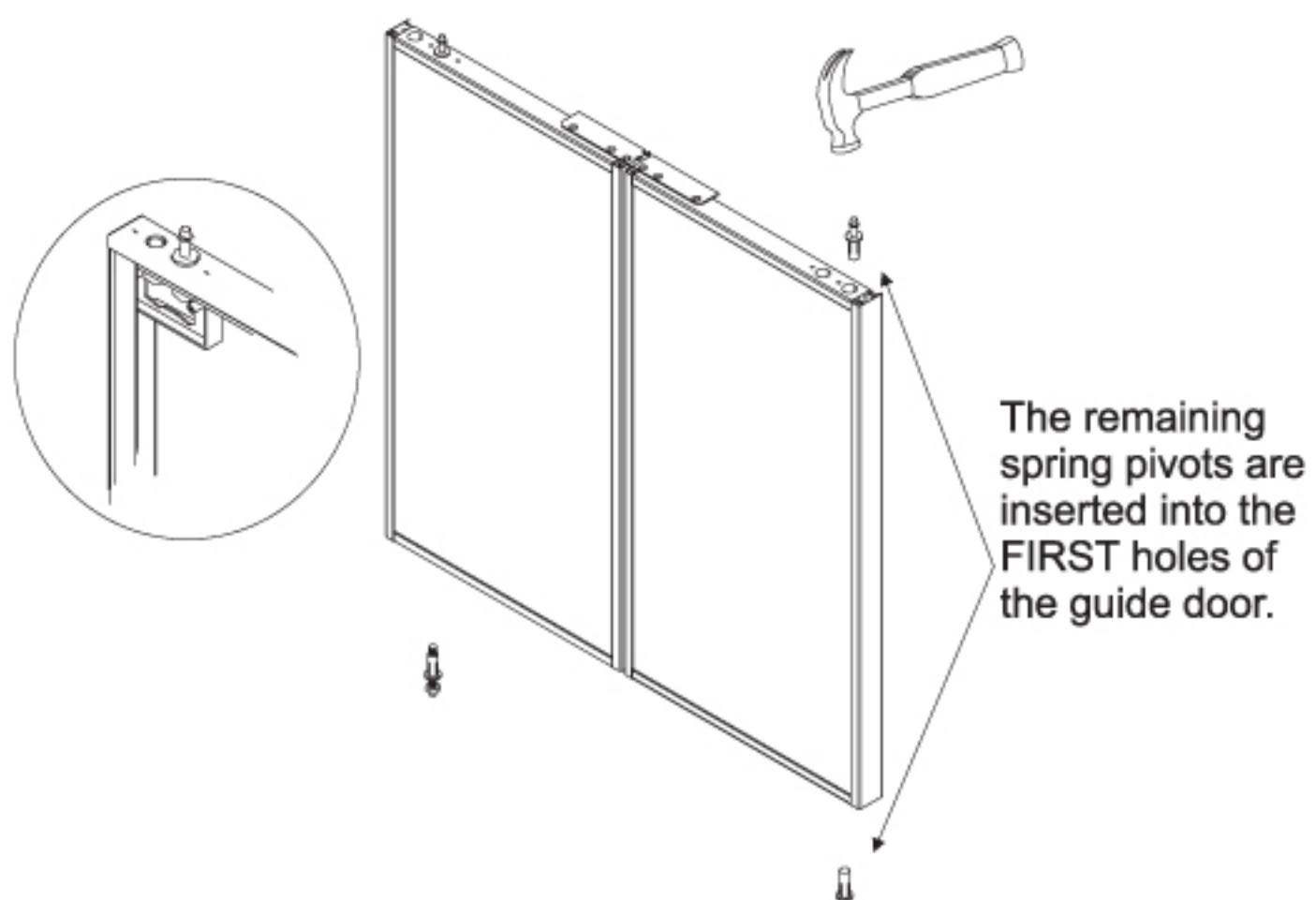
Screw tracks in at a minimum of $1/2"$ (13mm) in from the jamb face. This will ensure that the door does not protrude from the opening when it is closed. Be sure that the pivot brackets [$1 7/8"$ (48mm) from the wall] and roll guide have been installed in the tracks prior to installation.



Tracks must be aligned and plumb

3. Insert Pivots

A spring pivot is inserted into the SECOND hole at the top of the pivot door. The bottom pivot is used for the height adjustment and must be inserted into the SECOND hole at the bottom of the pivot door.



4. Install Doors

Insert the spring pivot on the top of the pivot door into the pivot bracket. Then place the bottom pivot into the bracket of the bottom track.

Note:

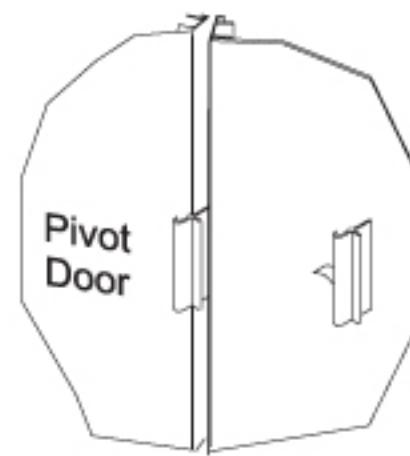
For heavier doors you may prefer to insert the bottom pivot first.



Close the door so that it is slightly ajar. Then depress the pivots in the guide door and snap the pins into the

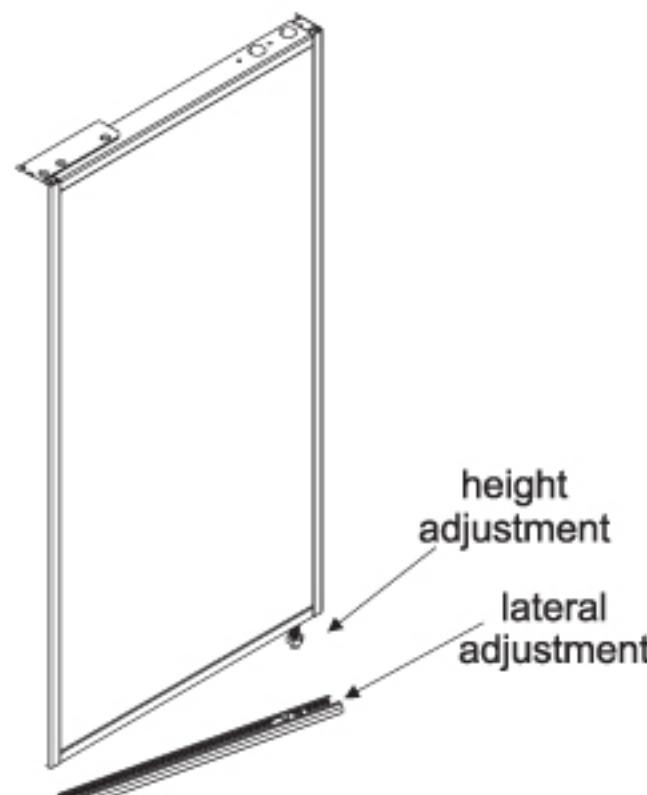
5. Attach Pull

Remove the plastic film from the stiles. If necessary, clean the stile with isopropyl rubbing alcohol (99%) where the pull is to be attached. Using double sided tape, attach the pull to the pivot door at the desired height [approximately 40" (1016mm)].



6. Final Adjustments

Both the top and bottom pivot brackets can be adjusted laterally. Height adjustment is achieved by lifting the door slightly and turning the bottom pivot.

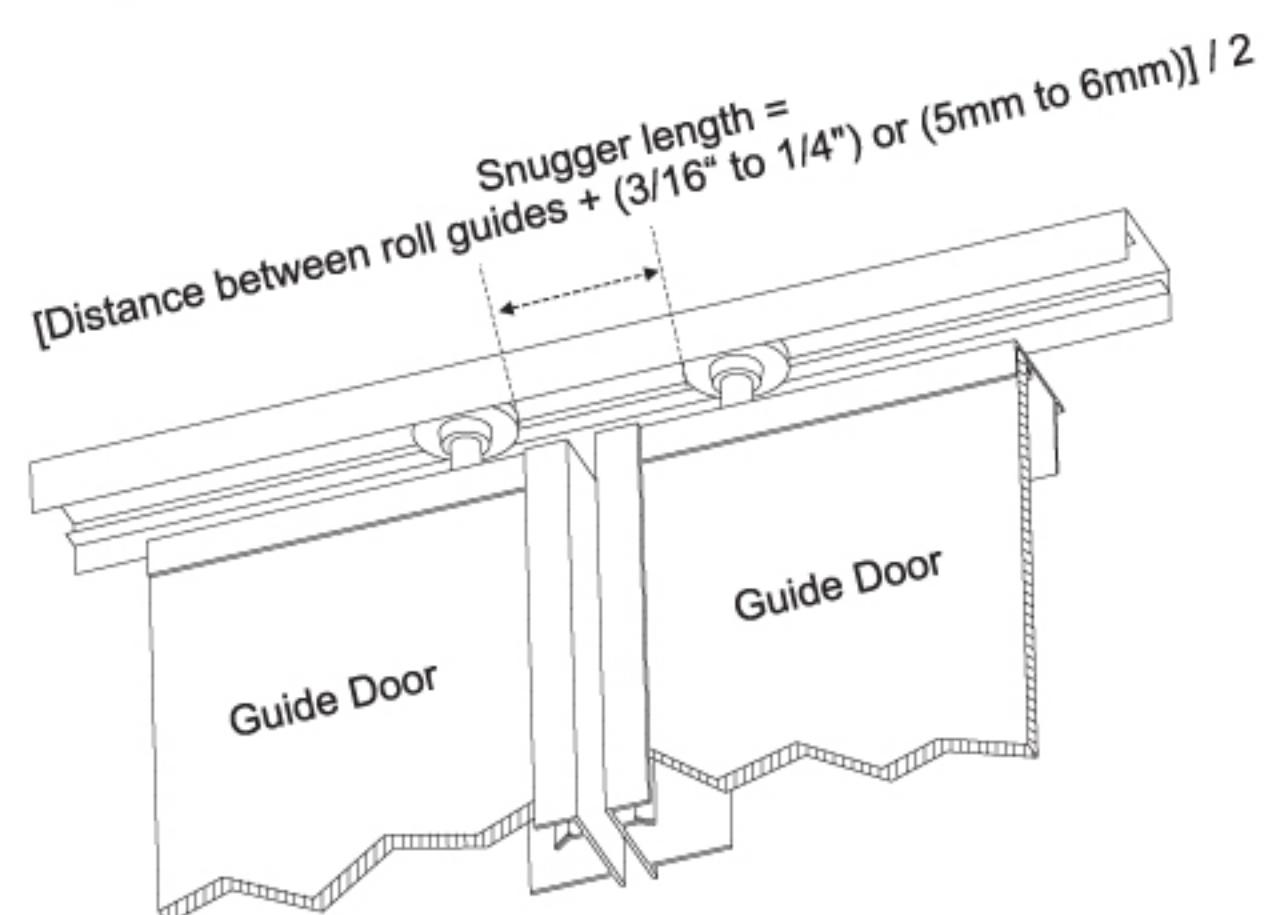
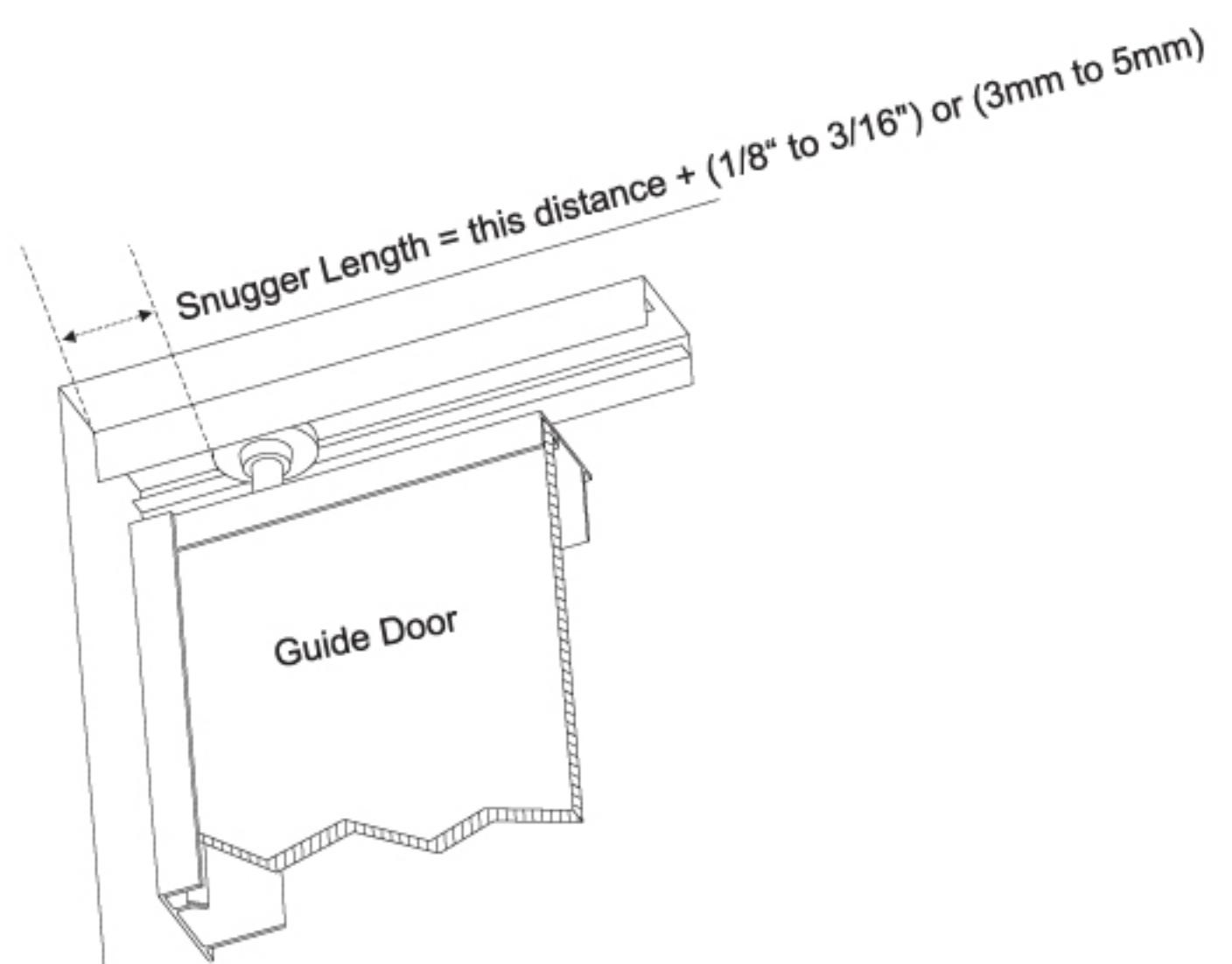


7. Cut Snugger to Fit Opening

For 1 Door

With scissors or a knife, cut the snugger to the length indicated on the diagram, then snap the snugger into the top track.

Note: The door shall close with a light snap.

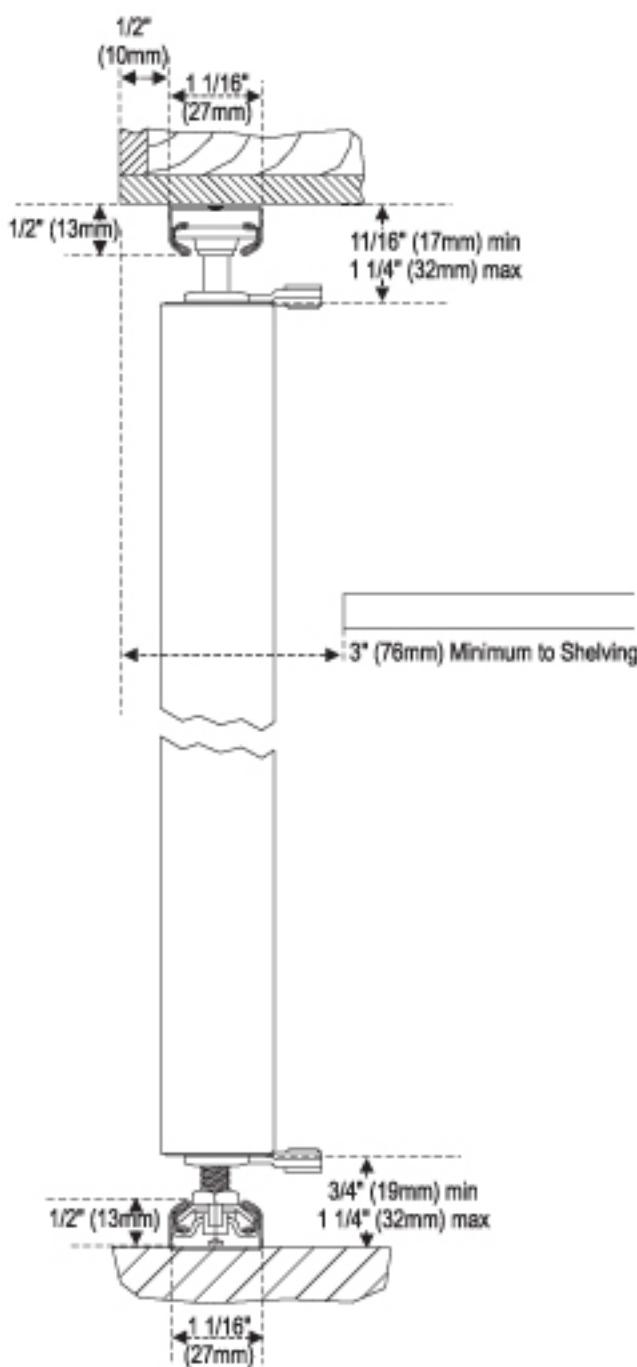


For 2 Doors

With scissors or a knife, cut the two snuggers the same length (see formula above) as per the diagram, then snap the snuggers into the top tracks.

Note: The door shall close with a light snap.

Cross-Sectional Layout of Installed Doors



SLIMFOLD PRODUCTS LIMITED LIFETIME WARRANTY

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**Slimfold Products Division
PO Box 8577
Dothan, AL 36304-0577**

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Mirror Dimensions:

Mirror Width =

[Opening width / 2] - 3/8" (10mm) - 2 panel door

[Opening width / 4] - 3/8" (10mm) - 4 panel door

Mirror Length =

Opening height - 2" (51mm)

Mirror Thickness =

Heights up to 7'0" - 3mm

Heights over 7'0" - 4mm

Note: All mirror must be used with safety backing conforming to local building code standards. Safety backing must reach the mirror edges. Mirror edges should be polished to prevent crack propagation after cutting.

CARING FOR YOUR SLIMFOLD DOOR KEEP TRACK FREE OF DIRT AND PAINT!

Steel Bifolds

Clean steel surface with a soft cloth using a mild detergent and water. Do not use harsh cleaners or abrasive.

Mirrors

- Clean mirror surface with clean, warm water or approved glass cleaner. Do not use any acid or alkali cleaners or cleaners with ammonia base. They will attack front surface, edges and backing of glass.
- Use a clean, soft cloth when cleaning to avoid scratching mirror surface.
- Never spray any cleaner directly on to the mirror. Apply to cloth first, then wipe mirror.
- Be sure to dry all edges thoroughly.



SLIMFOLD™

Closet Systems

Primed Wood Frame with Optional Brick Mould

- **Door Options:**
Steel (Wood Edge Only), Fiberglass
- Single, Pair, Patio
- 6'8" Heights
- Viewer Site Prep (Optional)
- Frame, sill, and door in one package
- Prime or Custom Finish
- Inswing or Outswing
- Wood frame white primed or stain grade



- **Lock Prep:**
Single or double bore; 1-1/4" x 2-3/4" T-strike and 1-1/8" x 2-3/4" deadbolt
- **Weatherstripping:**
20-minute Kerf foam (Neutral Pressure)
- 20-minute or non-rated units available
- **Prehang Tie** holds assembly in correct position during installation

Thresholds

Wood Frame Options:

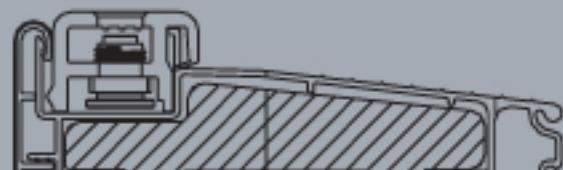


Afco 276
Fixed 1-1/4"

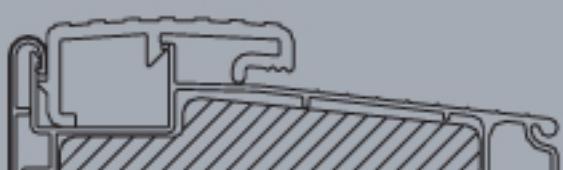


Afco A-204
5" ADA Sill; 1/2" height

Steel Frame Options:



1-3/8" Z-Series (Inswing);
4-9/16" + extender (opt.)



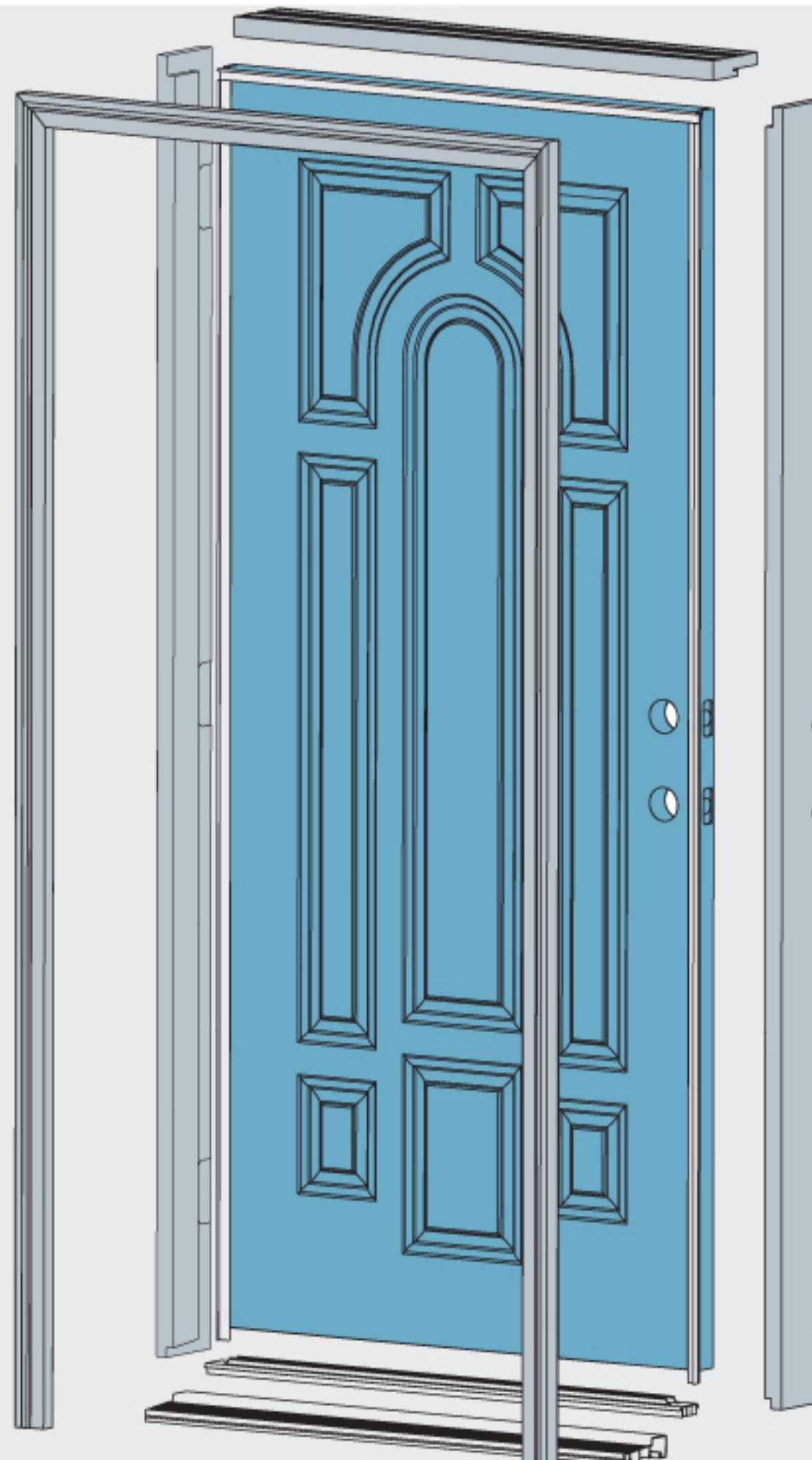
4-9/16" Z Series Bumper (Outswing);
1-3/8" height



5-5/8" ADA (Outswing);
1/2" height

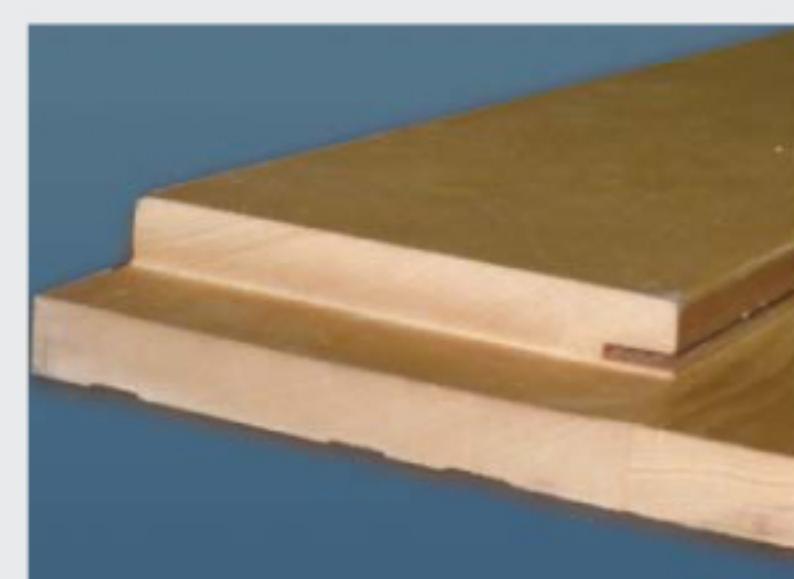
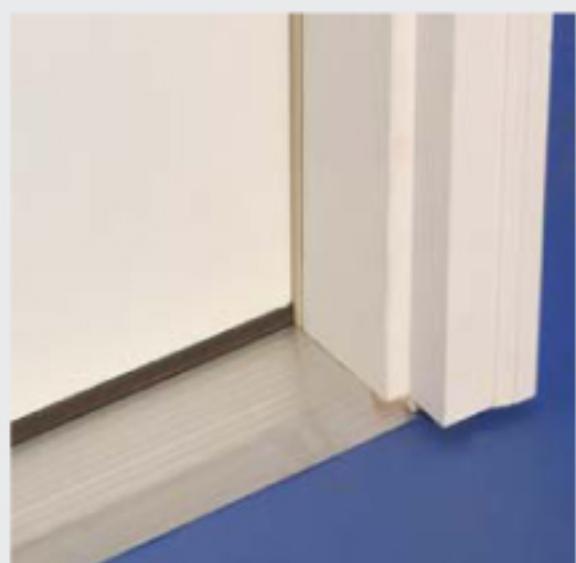


4-9/16" or 6-9/16" ADA (Inswing);
1/2" height



ACHIEVER™

Wood Frame Details



Wood frame white primed or stain grade

INSTALLATION INSTRUCTIONS

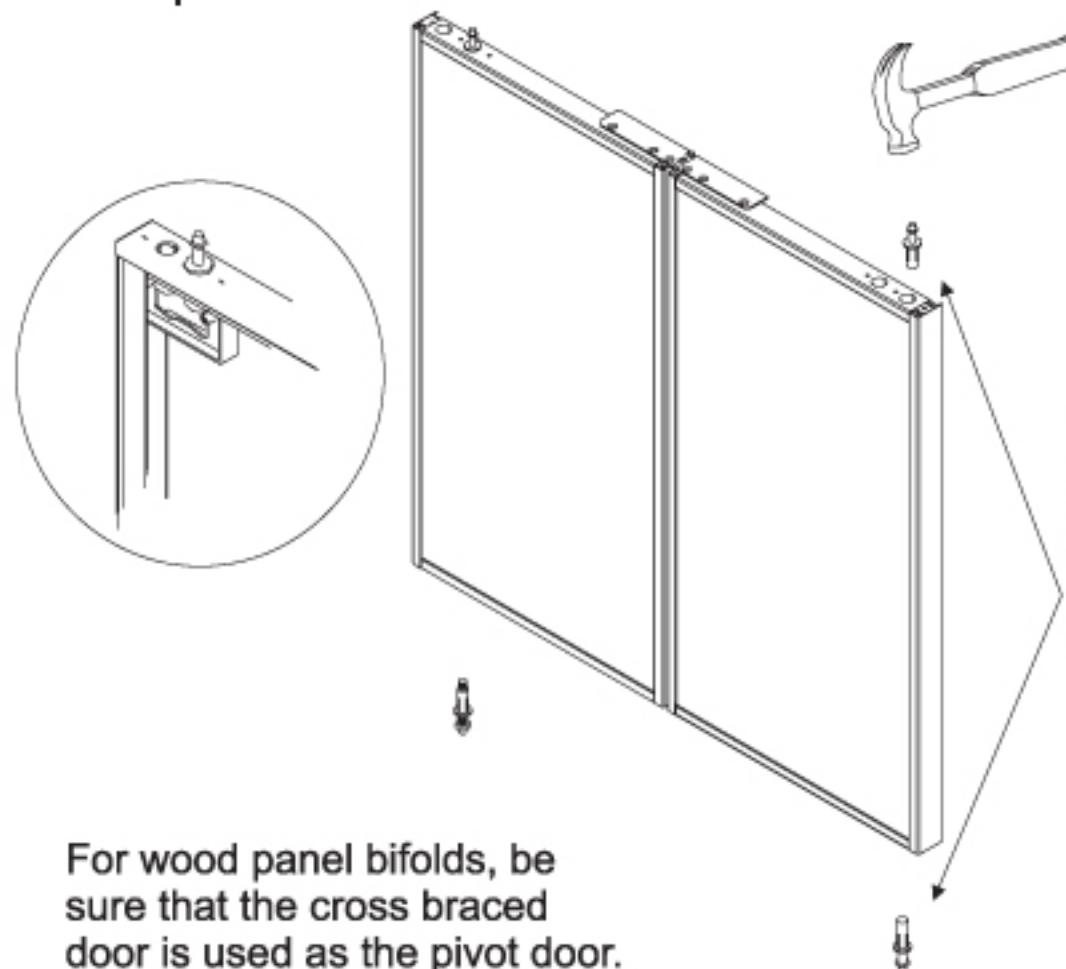
1. Trim Tracks to Fit Opening

Using a fine tooth hacksaw, cut the top and bottom tracks $1/16"$ (2mm) less than the width of the opening if they do not fit.



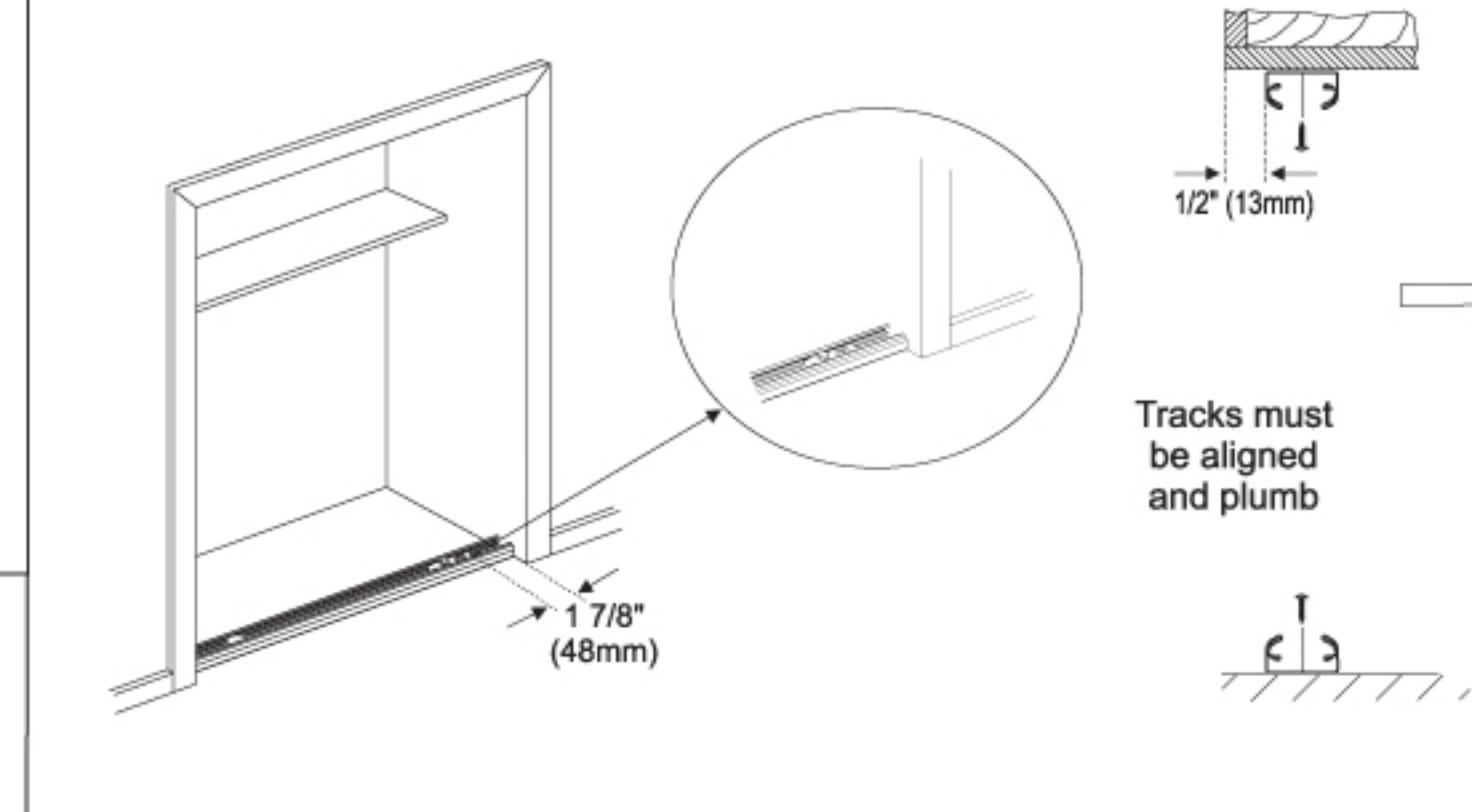
3. Insert Pivots

A spring pivot is inserted into the SECOND hole at the top of the pivot door. The bottom pivot is used for the height adjustment and must be inserted into the SECOND hole at the bottom of the pivot door.



2. Install Top and Bottom Tracks

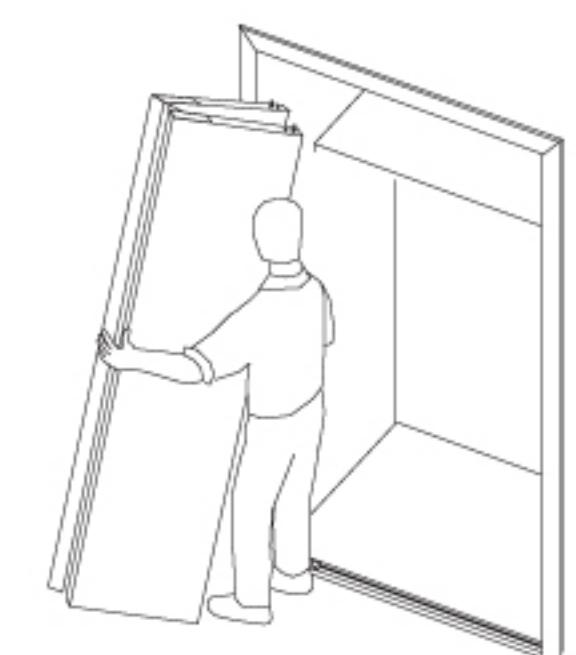
Screw tracks in at a minimum of $1/2"$ (13mm) in from the jamb face. This will ensure that the door does not protrude from the opening when it is closed. Be sure that the pivot brackets [$1 7/8"$ (48mm) from the wall] and roll guide have been installed in the tracks prior to installation.



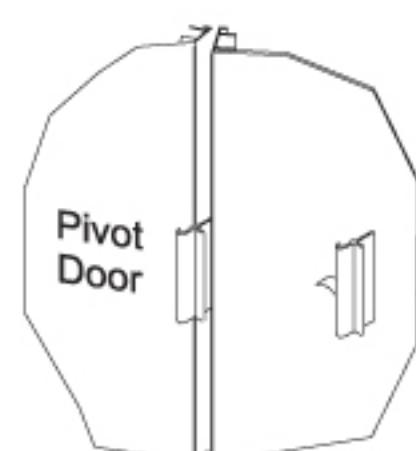
4. Install Doors

Insert the spring pivot on the top of the pivot door into the pivot bracket. Then place the bottom pivot into the bracket of the bottom track.

Note:
For heavier doors you may prefer to insert the bottom pivot first.



Close the door so that it is slightly ajar. Then depress the pivots in the guide door and snap the pins into the top and bottom roll guides.

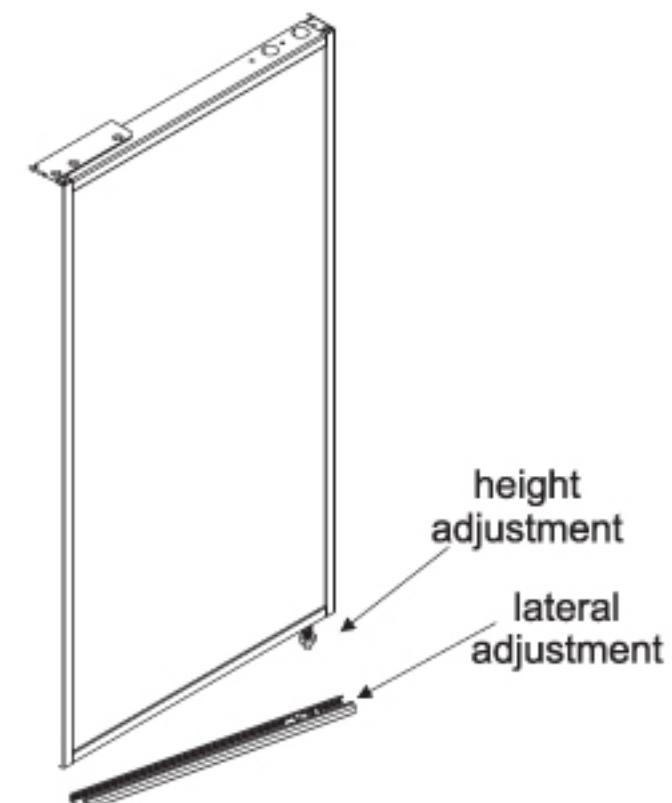


5. Attach Pull

Remove the plastic film from the stiles. If necessary, clean the stile with isopropyl rubbing alcohol (99%) where the pull is to be attached. Using double sided tape, attach the pull to the pivot door at the desired height [approximately 40" (1016mm)].

6. Final Adjustments

Both the top and bottom pivot brackets can be adjusted laterally. Height adjustment is achieved by lifting the door slightly and turning the bottom pivot.

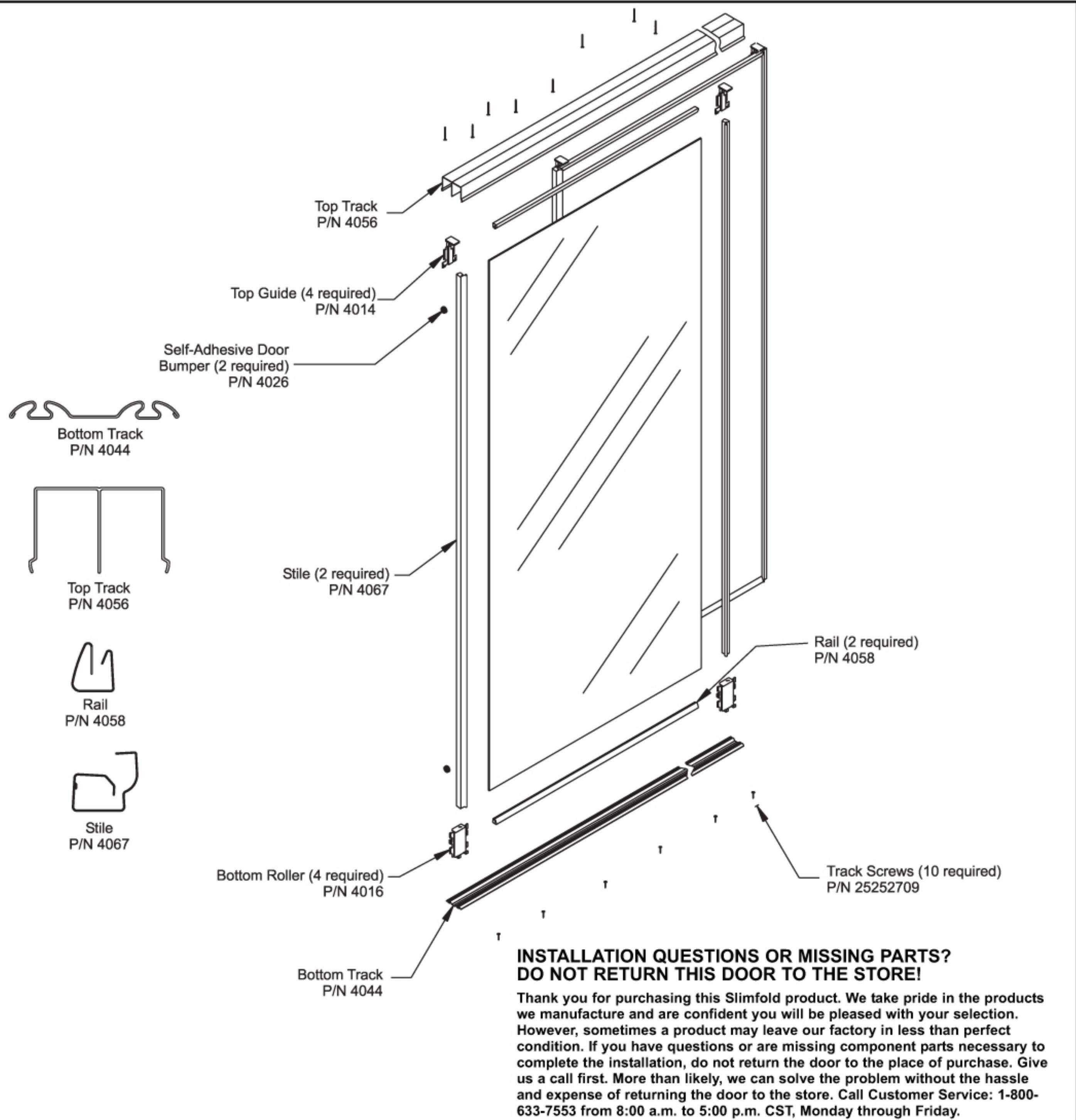


INSTALLATION SHEET

Keep These Instructions!

PLEASE FOLLOW ALL INSTRUCTIONS AND ALWAYS
USE PROTECTIVE EYEWEAR WHEN INSTALLING A
DOOR SYSTEM. PLEASE READ INSTRUCTIONS
COMPLETELY.

SERIES 4260 FRAMED MIRROR SLIDING DOORS



SLIMFOLD™

Closet Systems

Slimfold Products, A Division of the Dunbarton Corporation
P.O. Box 8577, Dothan, AL 36304-0577
Toll Free: (800) 633-7553 Tel: (334) 794-0661 Fax: (334) 793-7022
Web Page: www.dunbarton.com E-mail: slimfold@dunbarton.com

BEFORE YOU BEGIN

PLEASE FOLLOW ALL INSTRUCTIONS AND ALWAYS USE PROTECTIVE EYEWEAR WHEN INSTALLING A DOOR SYSTEM. PLEASE READ INSTRUCTIONS COMPLETELY.

Assemble Tools

Safety glasses	Level
Phillips head screwdriver	Tape Measure
Straight head screwdriver	Power drill or screw gun ($\frac{3}{16}$ " bit)

Measure Opening

Measure the Finished Opening Size; refer to Specifications below to insure proper door size (FIGURE 1).

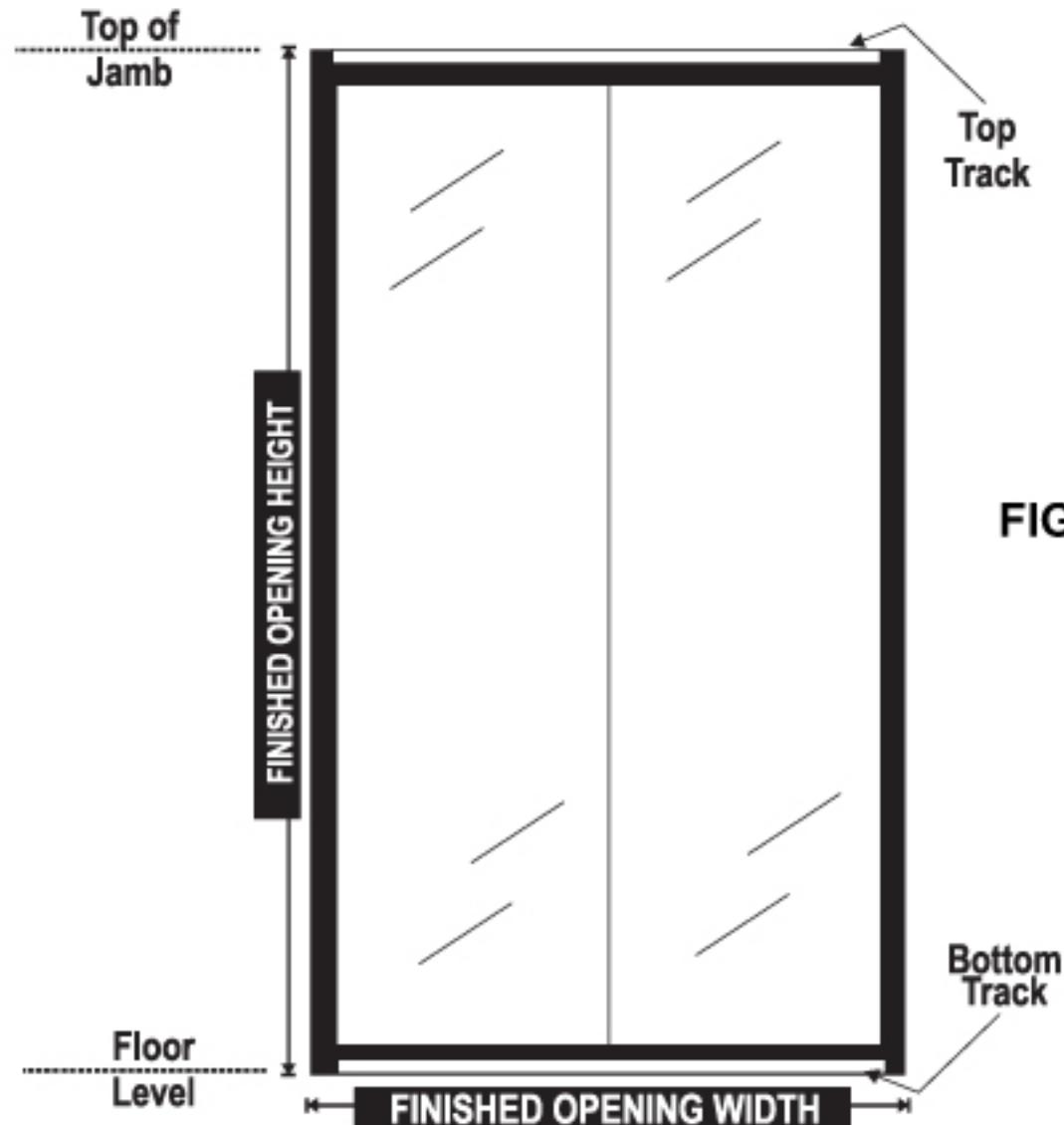


FIGURE 1

For sliding mirror doors up to 48" x 96", using 1/8", 5/32" or 3/16" safety glazed mirrors that conform to ANSI Z97.1 or CPSC42FR 1428; 16CFR Part 1201.

Specifications

STANDARD SIZES—TWO PANEL UNITS

Size	Door Width	FINISHED OPENING WIDTH	FIN. OPNG. HGTTS.	
			6'8"	8'0"
4'0" (1219)	24 $\frac{5}{8}$ " (626)	48" (1219)	80 $\frac{1}{2}$ " (2045)	96" (2438)
5'0" (1524)	30 $\frac{5}{8}$ " (778)	60" (1524)		
6'0" (1829)	36 $\frac{5}{8}$ " (930)	72" (1829)		
8'0" (2438)	48 $\frac{5}{8}$ " (1235)	96" (2438)		

STANDARD SIZES—THREE PANEL UNITS

Size	Door Width	FINISHED OPENING WIDTH	FIN. OPNG. HGTTS.	
			6'8"	8'0"
9'0" (2743)	36 $\frac{5}{8}$ " (930)	108" (2743)	80 $\frac{1}{2}$ " (2045)	96" (2438)
12'0" (3658)	48 $\frac{5}{8}$ " (1235)	144" (3658)		

Finished Opening Width Tolerance +1/4"/-0 (+6/-0)

All increments shown in (parenthesis) are metric (millimeter) unless otherwise indicated. Non-standard sizes available; check with your dealer for sizes and availability.

INSTALLATION

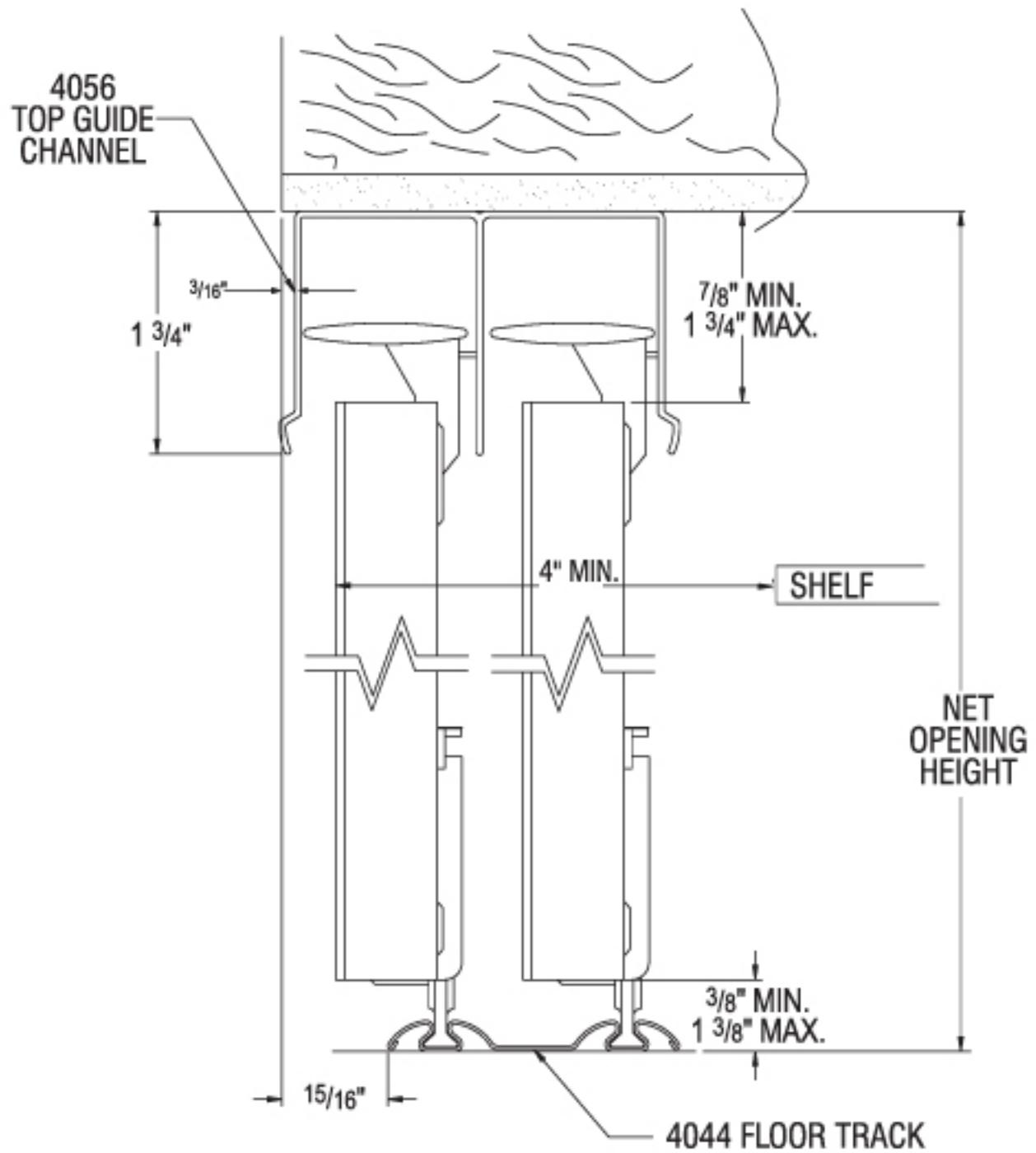
1. Remove Door from Packing Material

Carefully open the door package and remove the track packed inside the door (track can be packed separately if requested). Locate hardware bag(s) containing the following components for the 4260 Mirror Slider.

4260 MIRROR SLIDER INCLUDES:

- Ten Track Screws (P/N 25252709)

CROSS-SECTIONAL DETAIL



2. Cut Tracks to Size

Saw 4056 top guide track to length if necessary, using a fine-tooth (32 teeth/inch) hacksaw. Before cutting, insert 2 x 4 wood blocks between channels next to saw cut, and hold firmly together for smoother cutting. It is not necessary to support the 4044 floor track while cutting (Figure 2).

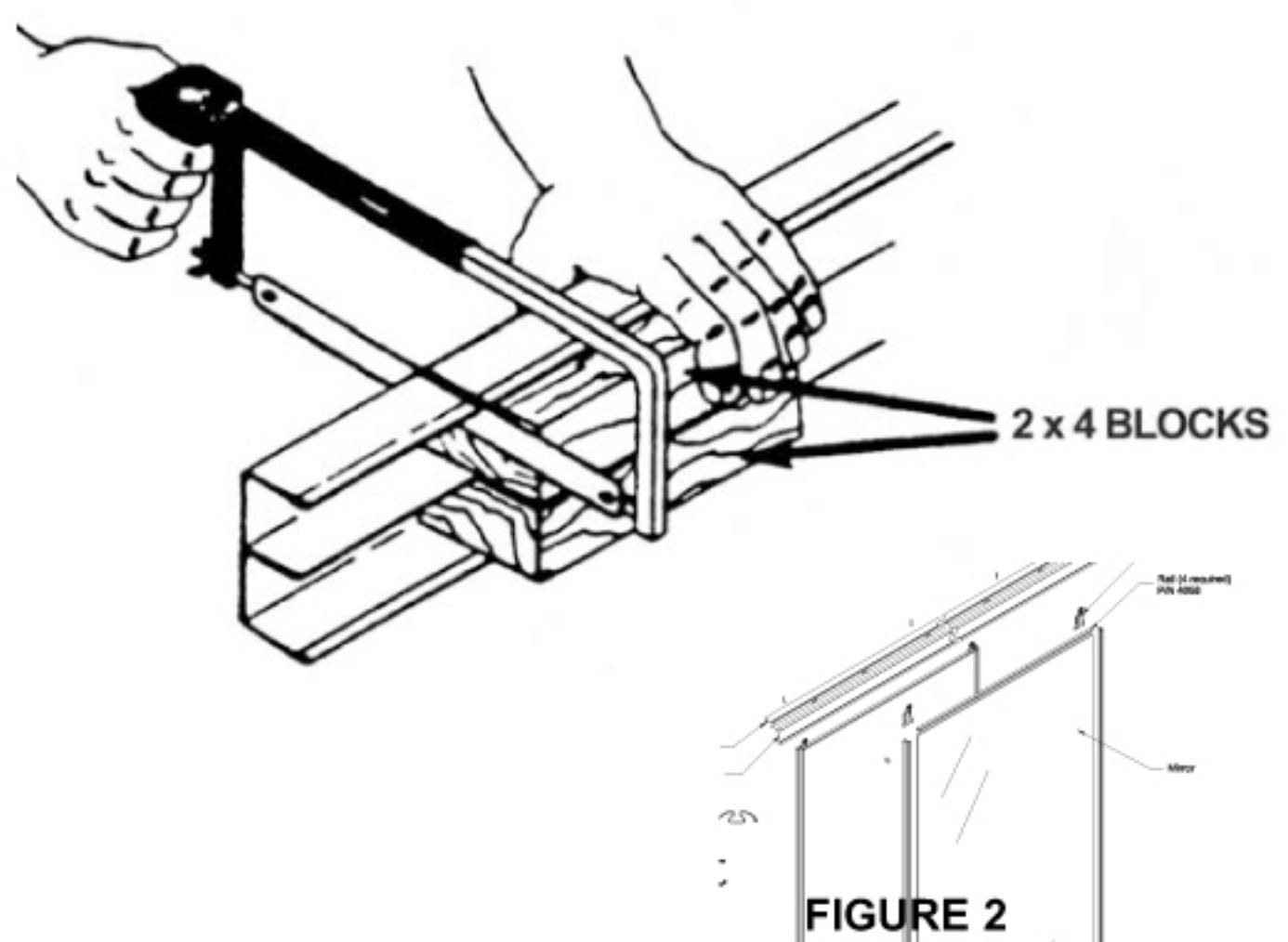


FIGURE 2

3. Attach Tracks

Screw 4056 steel guide track to header, locating front edge 3/16" back from face of jamb. Locate leading edge of 4044 floor track 15/16" back from front face of jamb, so doors will hang plumb.

If carpeted, spacers (3/16" to 3/8" thick) are recommended to raise floor track (Figure 3). For installation on top of carpet, see "Existing Dwelling" below.

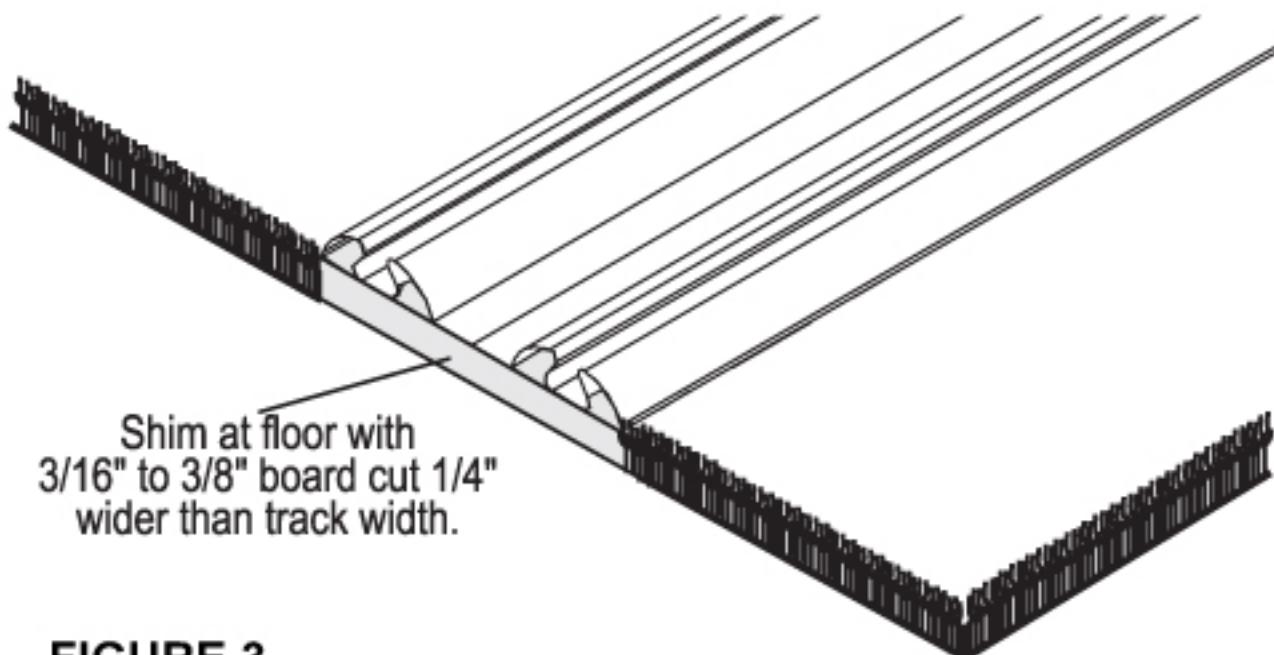


FIGURE 3

New Construction: For best results and performance, it is recommended that the track be put down before laying carpet. Depending upon the height of the finished floor, a continuous wood shim can be placed underneath the track to provide additional clearance between the door and carpet. The carpet can be installed up to the track and the door can be installed later.

Existing Dwelling: When installing SLIMFOLD doors in an area where carpet has been previously laid, lay the track on top of the existing carpet and screw into the floor below. **CAUTION:** Turn screw slowly to avoid causing a runner in the carpet.

4. Install Doors Into Opening

Doors are shipped with the bottom rollers fully retracted. Before proceeding to install doors, extend rollers 1/4" by turning the adjusting bolt counterclockwise.

Install rear door first. Insert top of door into the top guide channel first, then swing bottom of door over bottom track and lower lowers into rear groove. Install front door in the same manner (Figure 4).



FIGURE 4

5. Adjust Doors

To perfectly align the doors with the side walls or end panels, use a screwdriver and turn the adjustment screw in the bottom wheel to the left or right to raise or lower the door (Figure 5).

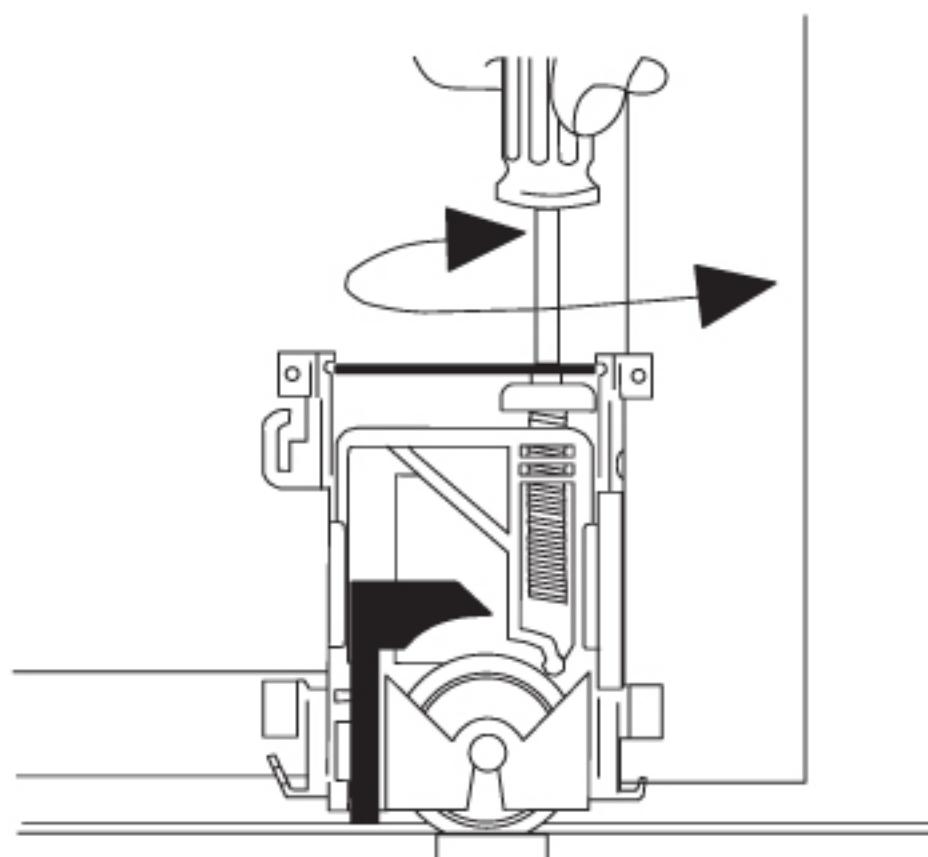


FIGURE 5

6. Engage Jump-Resistant Device in the Bottom Wheel

Open clip and push down into the floor track channel. Close the clip (Figure 6).

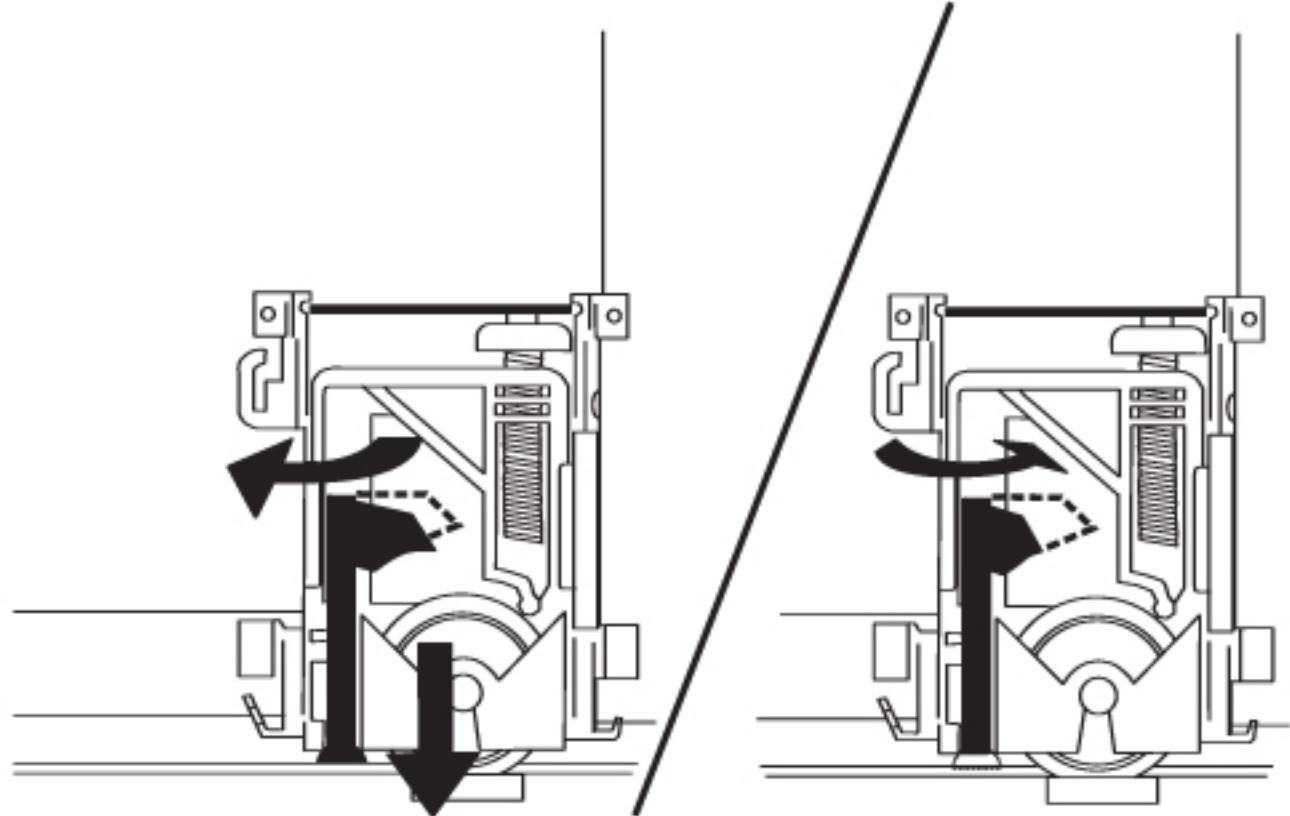


FIGURE 6

SLIMFOLD PRODUCTS LIMITED LIFETIME WARRANTY

Slimfold Products Division warrants to the purchaser that its products, when utilized for interior door use, will be free from defects in materials and workmanship for the life of the product.

Slimfold Products manufactured with galvanized steel are additionally warranted against rusting for a period of one (1) year from the date of purchase, provided the finish has not been cut or abraded through the metal. Galvanized steel should be used where air has a high salt content or in locations with high humidity.

This warranty is applicable only when the products covered by it have been installed in accordance with the recommended written installation instructions of Slimfold Products Division and with established building practices, have been accorded treatment which is considered good practice in the building industry regarding storage and maintenance, and have been subjected only to normal use. Because Slimfold Products Division cannot control the manner in which its products are handled after leaving its premises, this warranty does not apply to the finish or other damage occurring during shipment.

There are no warranties, express or implied, which extend beyond the description on the face hereof, including the implied

warranty of merchantability and the implied warranty of fitness for a particular purpose.

Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply in some cases.

In the event the original consumer purchaser of any Slimfold product believes that the door or any parts thereof covered by this warranty is defective, a letter outlining the alleged defect should be sent postage prepaid to the following address:

Slimfold Products Division

PO Box 8577

Dothan, AL 36304-0577

Any Slimfold Products part covered by this warranty which, upon inspection by an authorized representative of Slimfold Products Division, are found by said representative to be defective, will be repaired or replaced at the option of Slimfold Products Division. The purchase price of the part will be refunded and does not include labor, installation costs, finishing costs, or indirect or consequential damages of any nature. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

This warranty bestows certain legal rights, and you may also have other rights which vary from state to state.

CARING FOR YOUR SLIMFOLD DOOR KEEP TRACK FREE OF DIRT AND PAINT!

Steel Bifolds

Clean steel surface with a soft cloth using a mild detergent and water. Do not use harsh cleaners or abrasive.

Mirrors

- Clean mirror surface with clean, warm water or approved glass cleaner. Do not use any acid or alkali cleaners or cleaners with ammonia base. They will attack front surface, edges and backing of glass.
- Use a clean, soft cloth when cleaning to avoid scratching mirror surface.
- Never spray any cleaner directly on to the mirror. Apply to cloth first, then wipe mirror.
- Be sure to dry all edges thoroughly.



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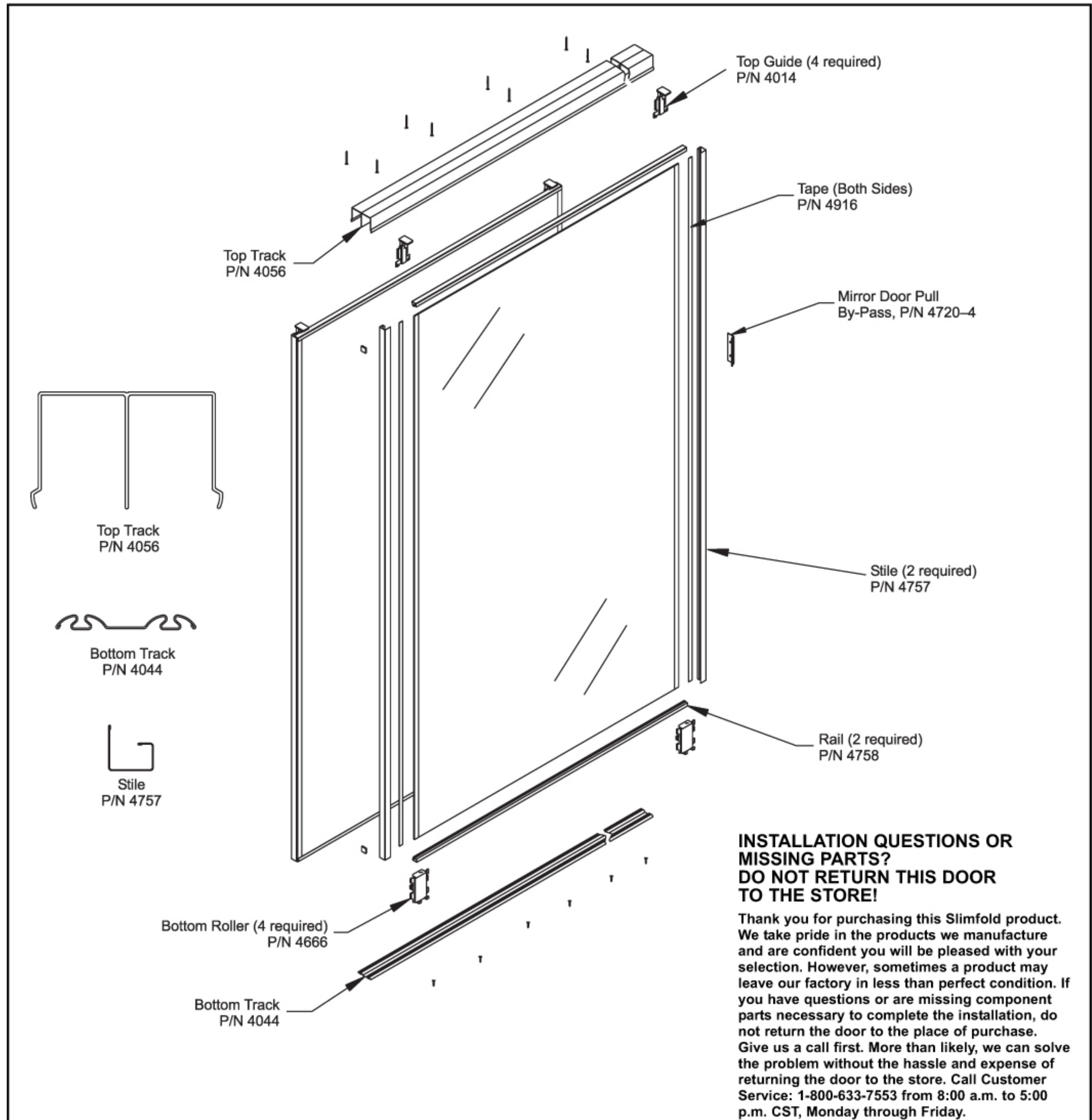
Web Page: www.dunbarton.com E-mail: slimfold@dunbarton.com

INSTALLATION SHEET

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DOOR SYSTEM. PLEASE READ INSTRUCTIONS
COMPLETELY.

SERIES 4760 FRAMELESS MIRROR SLIDING DOORS



INSTALLATION QUESTIONS OR MISSING PARTS? DO NOT RETURN THIS DOOR TO THE STORE!

Thank you for purchasing this Slimfold product. We take pride in the products we manufacture and are confident you will be pleased with your selection. However, sometimes a product may leave our factory in less than perfect condition. If you have questions or are missing component parts necessary to complete the installation, do not return the door to the place of purchase. Give us a call first. More than likely, we can solve the problem without the hassle and expense of returning the door to the store. Call Customer Service: 1-800-633-7553 from 8:00 a.m. to 5:00 p.m. CST, Monday through Friday.



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Assemble Tools

Safety glasses	Level
Phillips head screwdriver	Tape Measure
Straight head screwdriver	Power drill or screw gun (3/16" bit)

Measure Opening

Measure the Finished Opening Size; refer to Specifications below to insure proper door size (FIGURE 1).

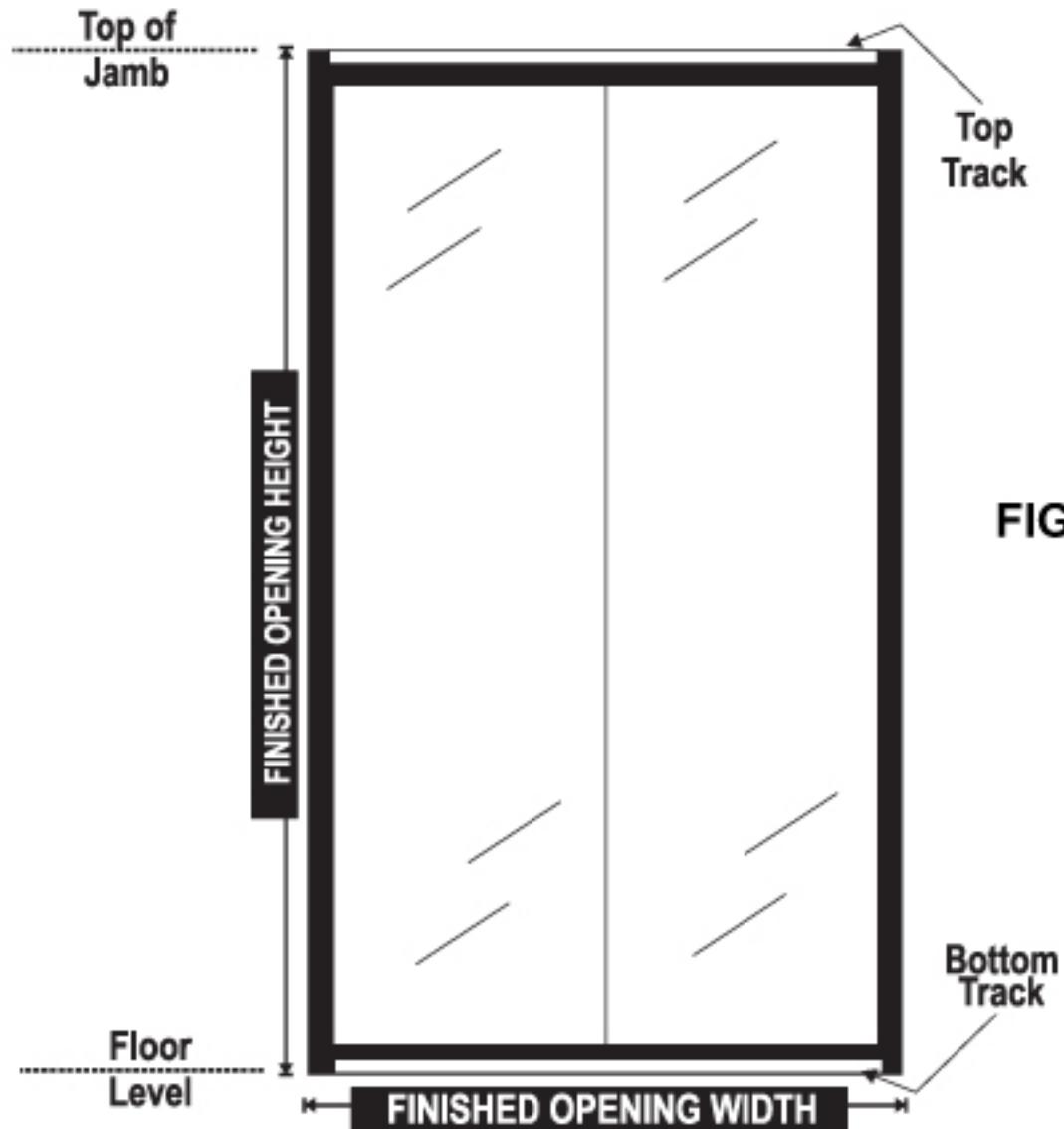


FIGURE 1

For sliding mirror doors up to 48" x 96", using 1/8", 5/32" or 3/16" safety glazed mirrors that conform to ANSI Z97.1 or CPSC42FR 1428; 16CFR Part 1201.

All mirrors should have bevel or pencil edges on long sides, and cut edges on short sides.

Specifications

STANDARD SIZES—TWO PANEL UNITS

FINISHED FINISHED OPNG. HEIGHTS

Size	Door Width	OPENING WIDTH	6'8"	8"
		Units	Units	
4'0" (1219)	24 ⁵ / ₈ " (626)	48" (1219)	80 ¹ / ₂ " (2045)	96" (2438)
5'0" (1524)	30 ⁵ / ₈ " (778)	60" (1524)		
6'0" (1829)	36 ⁵ / ₈ " (930)	72" (1829)		
8'0" (2438)	48 ⁵ / ₈ " (1235)	96" (2438)		

STANDARD SIZES—THREE PANEL UNITS

FINISHED FINISHED OPNG. HEIGHTS

Size	Door Width	OPENING WIDTH	6'8"	8"
		Units	Units	
9'0" (2743)	36 ⁵ / ₈ " (930)	108" (2743)	80 ¹ / ₂ " (2045)	96" (2438)
12'0" (3658)	48 ⁵ / ₈ " (1235)	144" (3658)		

Finished Opening Width Tolerance +1/4"/-0 (+6/-0)

All increments shown in (parenthesis) are metric (millimeter) unless otherwise indicated. Non-standard sizes available; check with your dealer for sizes and availability.

INSTALLATION

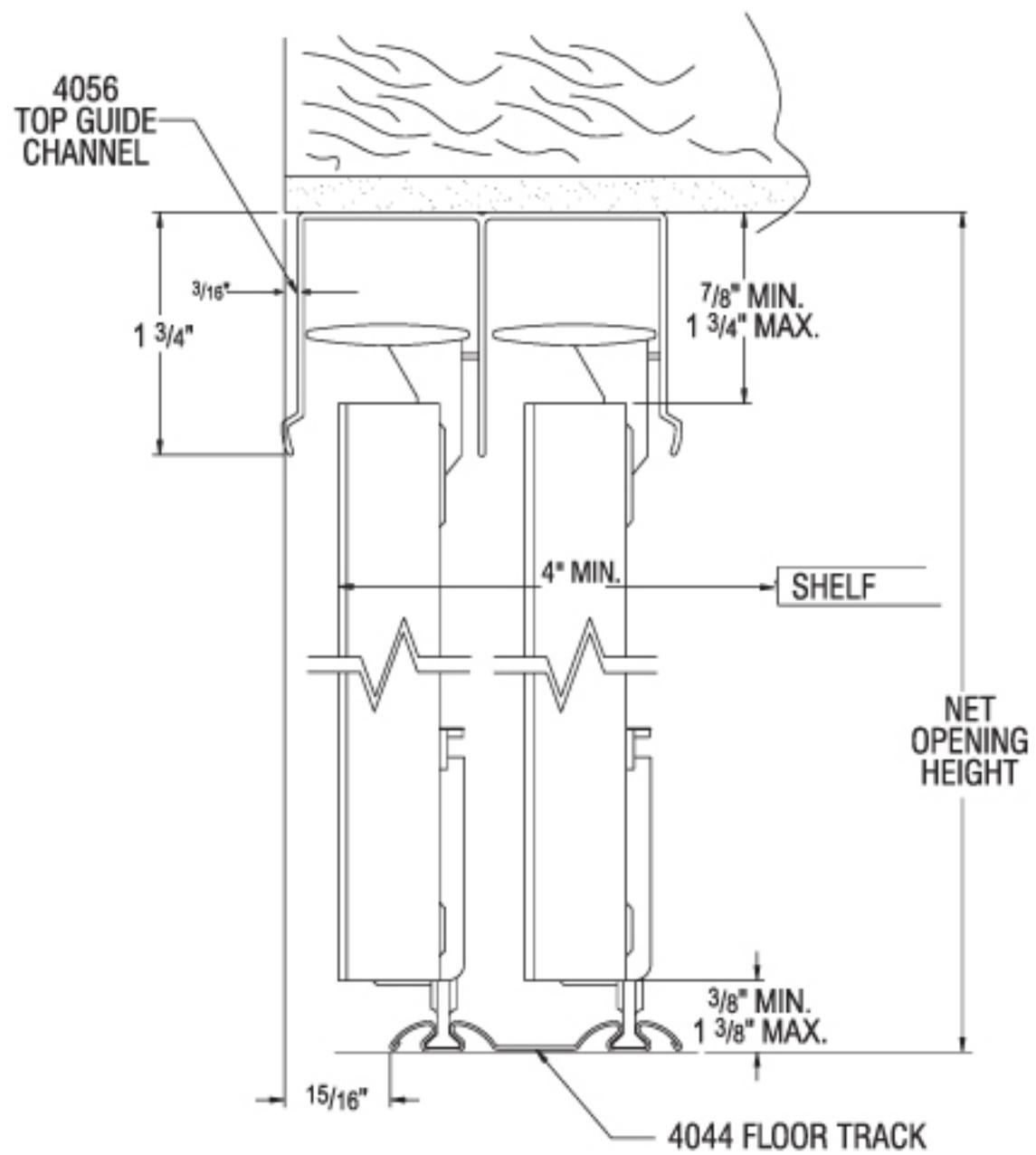
1. Remove Door from Packing Material

Carefully open the door package and remove the track packed inside the door (track can be packed separately if requested). Locate hardware bag(s) containing the following components for two-panel doors:

MODEL 4760 SLIDER INCLUDES:

- Ten Track Screws (P/N 25252709)
(Hardware Bag P/N 8L201001)

CROSS SECTION DETAIL



2. Cut Tracks To Size

Saw 4056 top guide track to length if necessary, using a fine-tooth (32 teeth/inch) hacksaw. Before cutting, insert 2 x 4 wood blocks between channels next to saw cut, and hold firmly together for smoother cutting. It is not necessary to support the 4044 floor track while cutting (Figure 2).

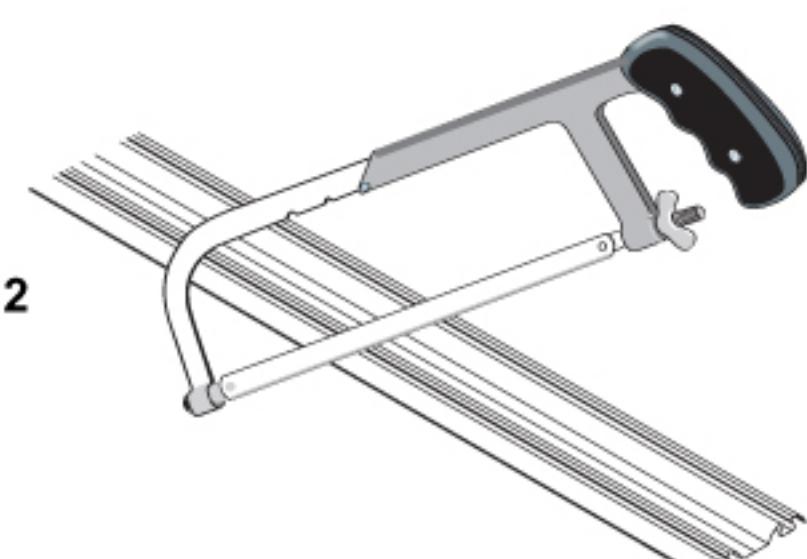
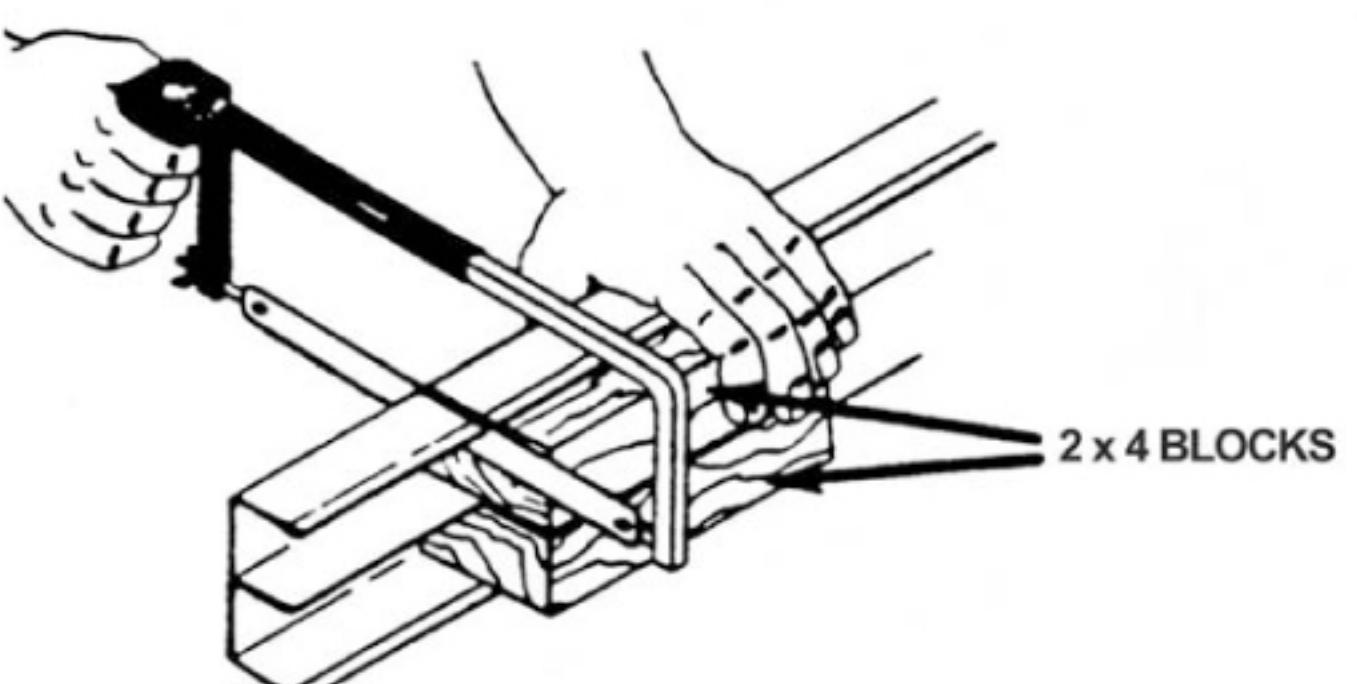


FIGURE 2

3. Set The Track

Screw 4056 steel guide track to header, locating front edge 3/16" back from face of jamb. Locate leading edge of 4044 floor track 15/16" from front face of jamb, so doors will hang plumb.

New Construction: For best results and performance, it is recommended that the track be put down before laying carpet. Depending upon the height of the finished floor, a continuous wood shim can be placed underneath the track to provide additional clearance between the door and carpet. The carpet can be installed up to the track and the door can be installed later.

Existing Dwelling: When installing SLIMFOLD doors in an area where carpet has been previously laid, lay the track on top of the existing carpet and screw into the floor below. **CAUTION:** Turn screw slowly to avoid causing a runner in the carpet.

4. Install Doors In Opening

Doors are shipped with the bottom rollers fully retracted. Before proceeding to install doors, extend rollers 1/2" by turning the adjusting bolt counterclockwise.

Install rear door first. Insert top of door into the top guide channel first, then swing bottom of door over bottom track and lower rollers into rear groove. Install front door in the same manner (Figure 4).

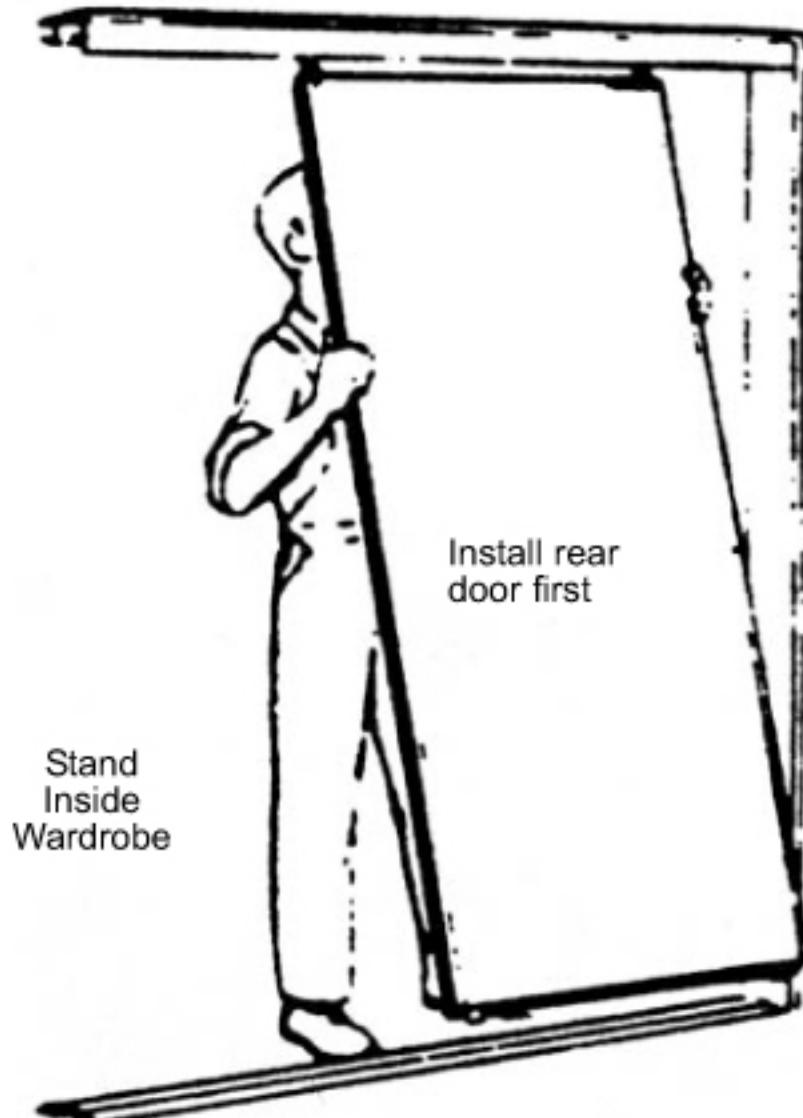


FIGURE 4

5. Adjust Doors

To perfectly align the doors with the side walls or end panels, use a screwdriver and turn the adjustment screw in the bottom wheel to the left or right to raise or lower the door (Figure 5).

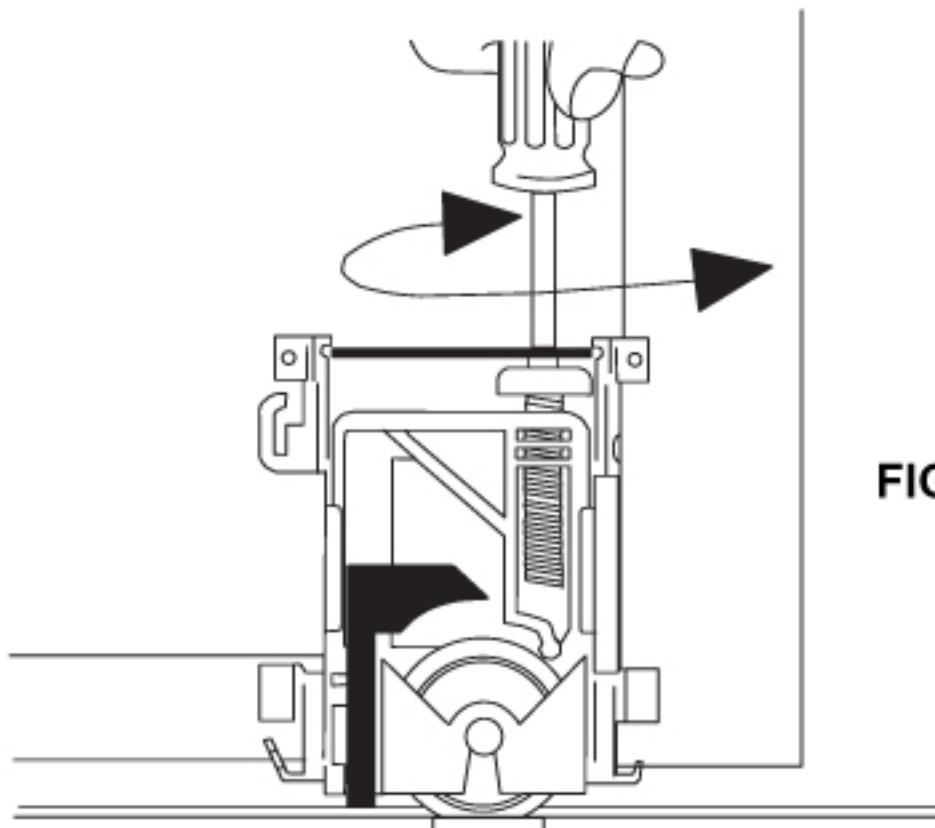


FIGURE 5

6. Engage Jump-Resistant Device in the Bottom Wheel

Open clip and push down into the floor track channel. Close the clip (Figure 6).

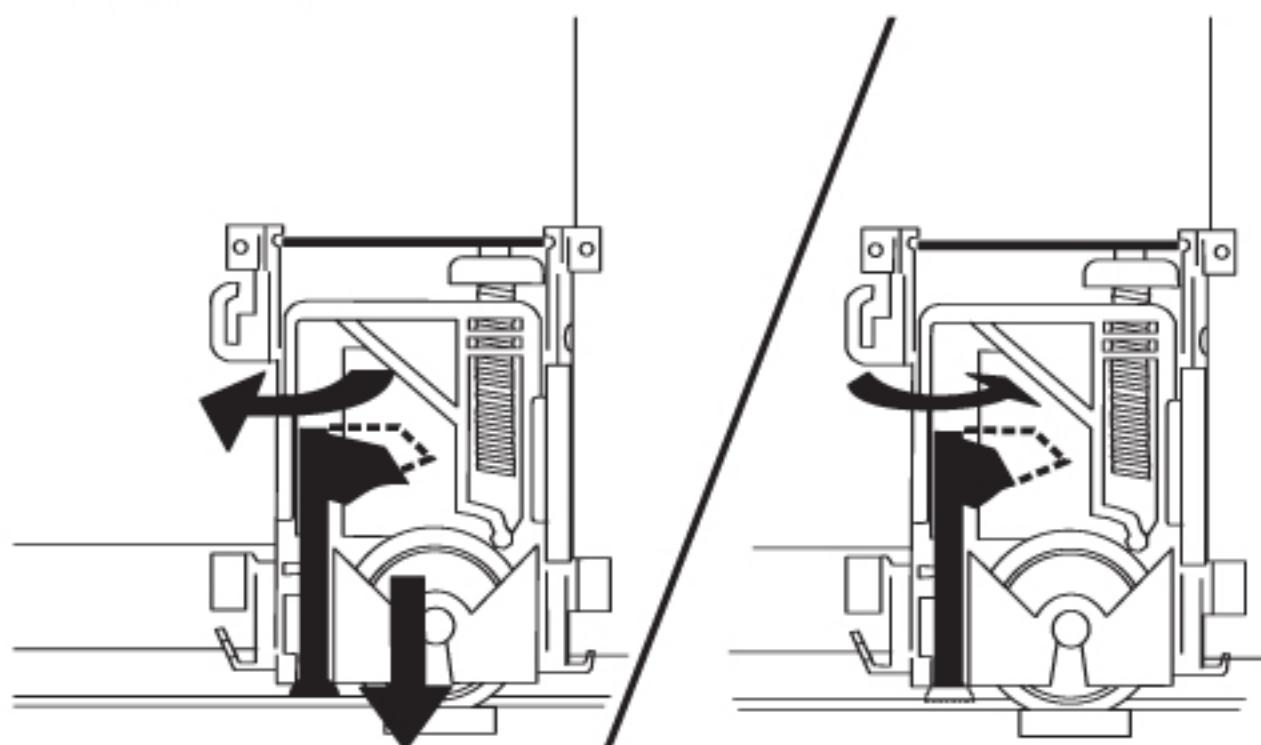


FIGURE 6

7. Attach Edge Pulls

Attach 4720 pulls to the stiles adjacent to the wall jambs. Using the pull as a template, pierce or drill 3/16" holes in the stile at a convenient height (approx. 36"), and attach to pull with #8/6 flat head screws that thread into the nut as shown. Be sure screws are tight. Affix 4026 self-adhesive bumpers over screw heads (Figure 7).

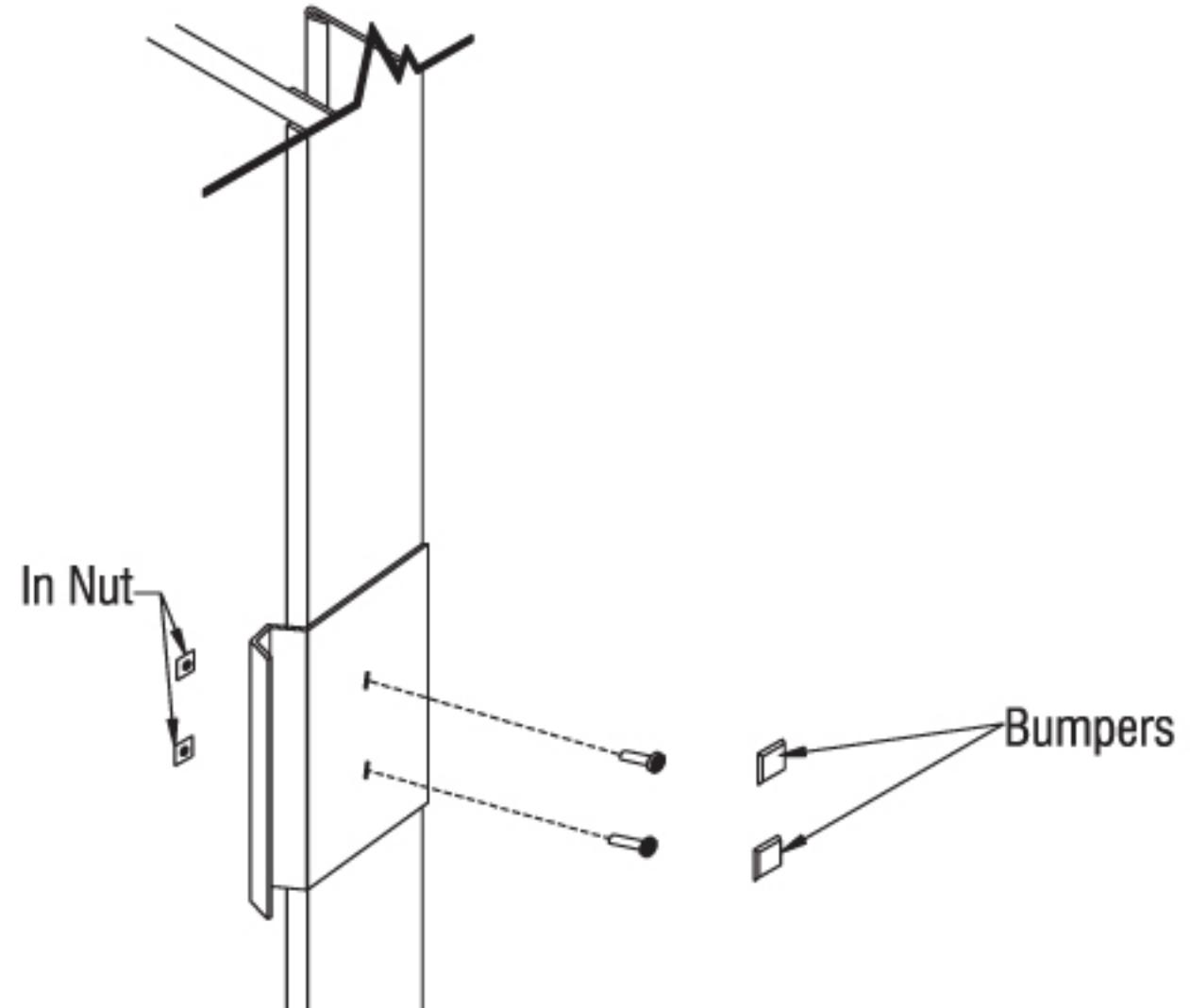


FIGURE 7

SLIMFOLD PRODUCTS LIMITED LIFETIME WARRANTY

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There are no warranties, express or implied, which extend beyond the description on the face hereof, including

the implied warranty of merchantability and the implied warranty of fitness for a particular purpose.

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Slimfold Products Division

PO Box 8577

Dothan, AL 36304-0577

Any Slimfold Products part covered by this warranty which, upon inspection by an authorized representative of Slimfold Products Division, are found by said representative to be defective, will be repaired or replaced at the option of Slimfold Products Division. The purchase price of the part will be refunded and does not include labor, installation costs, finishing costs, or indirect or consequential damages of any nature. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

This warranty bestows certain legal rights, and you may also have other rights which vary from state to state.

CARING FOR YOUR SLIMFOLD DOOR KEEP TRACK FREE OF DIRT AND PAINT!

Steel Bifolds

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Mirrors

- Clean mirror surface with clean, warm water or approved glass cleaner. Do not use any acid or alkali cleaners or cleaners with ammonia base. They will attack front surface, edges and backing of glass.
- Use a clean, soft cloth when cleaning to avoid scratching mirror surface.
- Never spray any cleaner directly on to the mirror. Apply to cloth first, then wipe mirror.
- Be sure to dry all edges thoroughly.



SLIMFOLD™

Closet Systems

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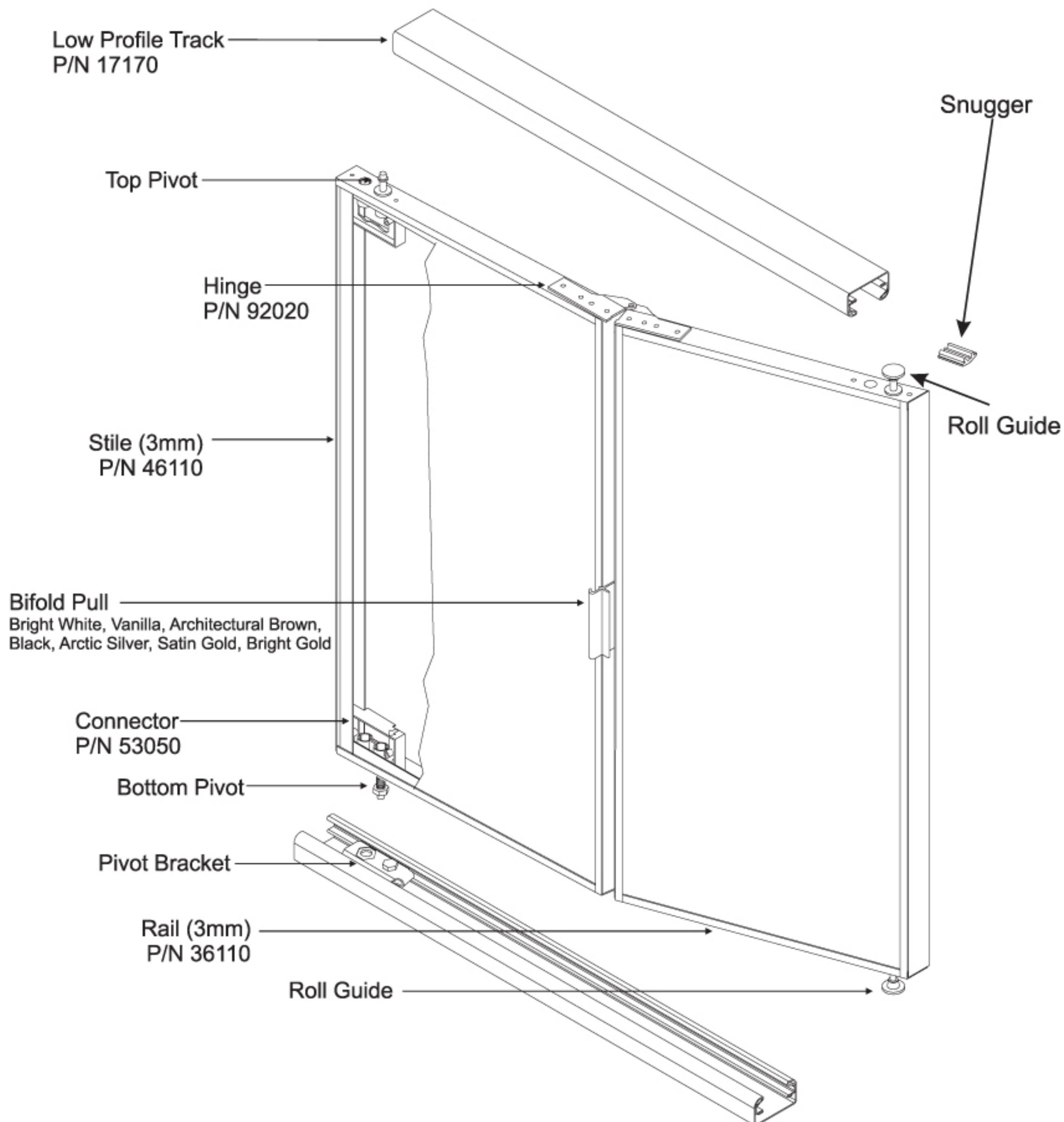
Toll Free: (800) 633-7553 Tel: (334) 794-0661 Fax: (334) 793-7022

Web Page: www.dunbarton.com E-mail: slimfold@dunbarton.com

P/N 82800255 SF410 Rev. 10/08

4900 Series

Frameless Steel Bifold Door System



INSTALLATION QUESTIONS OR MISSING PARTS? DO NOT RETURN THIS DOOR TO THE STORE!

Thank you for purchasing this Slimfold product. We take pride in the products we manufacture and are confident you will be pleased with your selection. However, sometimes a product may leave our factory in less than perfect condition. If you have questions or are missing component parts necessary to complete the installation, **do not return the door to the place of purchase**. Give us a call first. More than likely, we can solve the problem without the hassle and expense of returning the door to the store. **Call Customer Service: 1-800-633-7553 from 8:00 a.m. to 5:00 p.m. CST, Monday through Friday.**

PARTS SCHEDULE

Track Hardware Bag PN 17170 (Installed in Track)
 Snugger (2 per set, 1 per hand)
 Roll Guide (2 per set, 1 per hand)
 Pivot Bracket (2 per set, 1 per hand)
Hardware Bag PN 88760
 Bifold Pull (1), Spring Pivot (3), Bottom Pivot (1),
 1-1/2" Track Screw (5), Instruction Sheet (1)



SLIMFOLD™

Closet Systems

Achiever™ Door Availability and Warranty

STEEL DOOR AVAILABILITY

	6 Panel	Twin Rectangle	1/2 Lite	Twin Square	Single Rectangle	4-Panel	Sunburst	1/2 Lite Arch Top	3 Panel	3/4 Oval	3/4 Lite	8-Panel	Center Lite	Flush	Full Oval	Full Lite	1/2 Sidelite	3/4 Sidelite	Full Sidelite
W x H	20 90	9x37	23x39	9x7	23x7		22x11	23x27	20	16.5x40.5	23x49	20	9 x 43	20 90	22x58.75	23x65	9x37	9x49	8x65
2'6" x 6'8"	•	•	•	•	•									•	•	•			
2'8" x 6'8"	•	•	•	•	•	•	•	•						•	•	•			
3'0" x 6'8"	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•			
3'0" x 8'0"																			
12" x 6'8"																	•	•	•
14" x 6'8"																	•	•	•

20 20-Minute Fire-Rated Units

- Wood Edge Doors
- Mylar label; neutral pressure only
- 24 ga., 3'0" x 6'8" maximum

90 90-Minute Fire-Rated Units

- Steel Edge Doors
- Mylar label; neutral pressure; positive pressure available

FIBERGLASS DOOR AVAILABILITY

	6 Panel	Twin Rectangle	1/2 Lite	Twin Square	Single Rectangle	4-Panel	Sunburst	1/2 Lite Arch Top	Craftsman	2-Panel	3 Panel	3/4 Oval	3/4 Lite	8-Panel	Center Lite	Flush	Full Oval	Full Lite	1/2 Sidelite	3/4 Sidelite	Full Sidelite
Cutout >	20	9x37	23x39	9x7	23x7		22x11	23x27				16.5x40.5	23x49	20	9 x 43	20	22x58.75	23x65	9x37	9x49	8x65
W x H	S WG	S WG	S WG	S WG	S WG	S WG	S WG	S WG	S WG	S WG	S WG	S WG	S WG	S WG	S WG	S WG	S WG	S WG	S WG	S WG	
2'6" x 6'8"															•	•	•	•			
2'8" x 6'8"	•	•	•	•	•	•	•	•								•	•				
3'0" x 6'8"	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•			
3'0" x 8'0"	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•			
12" x 6'8"																		•	•	•	
14" x 6'8"																		•	•	•	
14" x 8'0"																		•		•	

20 20-Minute Fire-Rated Units

- Mylar label; neutral pressure only
- 2'8" x 6'8" and 3'0" x 6'8" only; steel or wood frame
- (S) Smooth or (W) Woodgrain

Dunbarton Achiever Products Warranty

Dunbarton Door and Entry Systems will provide a One Year warranty on our Achiever Pre-Hung units. Dunbarton Door and Entry Systems Achiever warranty states all products are free of manufacturing defects in regards to the Jamb material, Thresholds, hinges, and door sweep.

In addition Dunbarton Door and Entry Systems offer a One year warranty on Factory Finished Steel Jambs and Primed Wood Jambs (must finished 30 days after Installation), and a five year warranty on factory finished doors.

Dunbarton Door and Entry Systems offer a limited Life-Time Warranty on it Fiber-Glass Door

Slab Only free of manufacturer defects. Dunbarton Door and Entry Systems offer a Five year warranty on Steel Door Slab Only free of Manufacturer defects.

All products offered by Dunbarton Door and Entry Systems must be maintained with annual maintenance in accordance with WDMA approved standards. Any abuse of product, unapproved applications or methods of application will void warranties as stated.

All claims must be submitted in writing to Dunbarton Door and Entry Systems and DDS reserves the right to inspect the product, repair, replace, or reimburse if claim is deemed accurate of manufactured defective product. Dunbarton Door and Entry Systems will respond

to all in claims within 30 days of written notification.

All products should be inspected at time of delivery.

Dunbarton Door and Entry Systems will not be responsible for installation of our Achiever Units into wall opening or any improper installation methods.

THERE ARE NO WARRANTIES THAT EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF.
DUNBARTON HEREBY EXPRESSLY DISCLAIMS ALL OTHER WARRANTIES, EITHER EXPRESSED OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY, HABITABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

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Door and Entry Systems

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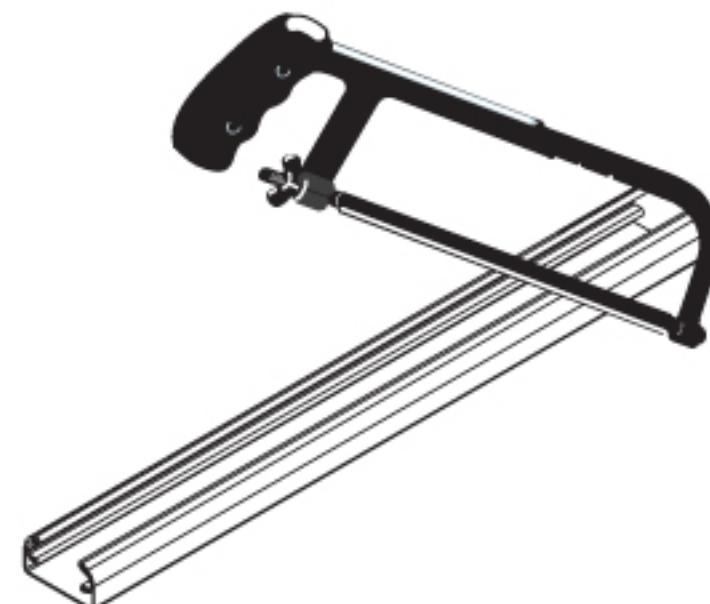
BEFORE YOU BEGIN

PLEASE FOLLOW ALL INSTRUCTIONS AND ALWAYS USE PROTECTIVE EYEWEAR WHEN INSTALLING A DOOR SYSTEM. PLEASE READ INSTRUCTIONS COMPLETELY.

INSTALLATION

1. Trim Tracks to Fit Opening

Using a fine tooth hacksaw, cut the top and bottom tracks $1/16"$ (2mm) less than the width of the opening if they do not fit.

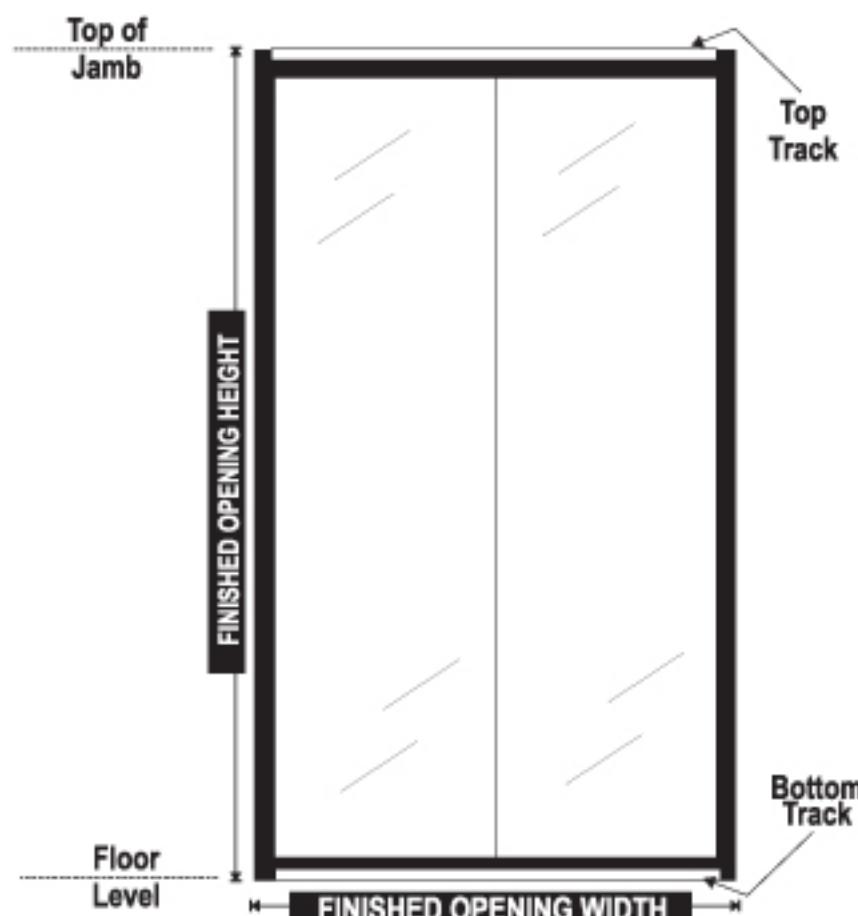


Assemble Tools

Safety Glasses	Level
Phillips head screwdriver	Tape Measure
Straight edge screwdriver	Power drill or screw gun (3/16" bit)

Measure Opening

Measure the Finished Opening Size; refer to Specifications below to insure proper door size.



HEIGHT: These bifold doors are sized to fit standard opening sizes. They will operate properly, however, where height is $7/16"$ over or $5/16"$ under the nominal height.

WIDTH: Doors are sized for standard openings. The opening may be up to $1/4"$ over for two doors and $1/2"$ over for four doors.

MIRROR: 3mm float plate glass mirror, safety backed to conform with Uniform Building Code Standard 23-2, Part II. Safety mirror 400 lb. ft. Impact test ANSI Z-97.1 1984 boil and impact test. 4mm float plate glass mirror for heights greater than 7'0."

Specifications

STANDARD SIZES—TWO PANEL UNITS

Size	Door Width	FINISHED OPENING		FIN. OPNG HEIGHTS	
		WIDTH	UNITS	6'8"	8'0"
2'0" (610)	23-1/2" (597)	24"	(610)	80-1/2" (2045)	96" (2438)
2'6" (762)	29-1/2" (749)	30"	(762)		
3'0" (914)	35-1/2" (902)	36"	(914)		

STANDARD SIZES—FOUR PANEL UNITS

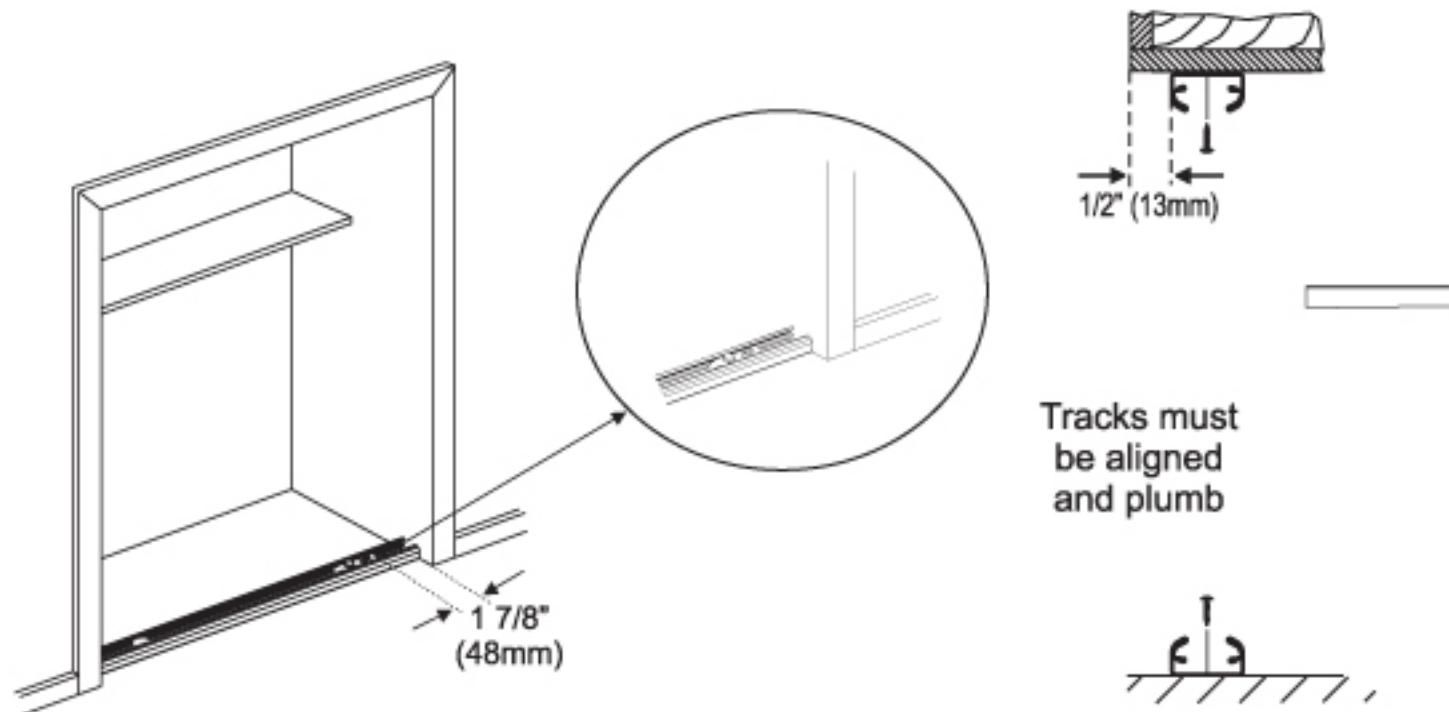
Size	Door Width	FINISHED OPENING		FIN. OPNG HEIGHTS	
		WIDTH	UNITS	6'8"	8'0"
4'0" (1219)	47" (1194)	48"	(1219)	80-1/2" (2045)	96" (2438)
5'0" (1524)	59" (1499)	60"	(1524)		
6'0" (1829)	71" (1803)	72"	(1829)		

Finished Opening Width Tolerance +1/4"/-0 (+6/-0)

All increments shown in (parenthesis) are metric (millimeter) unless otherwise indicated. Non-standard sizes available; check with your dealer for sizes and availability.

2. Install Top and Bottom Tracks

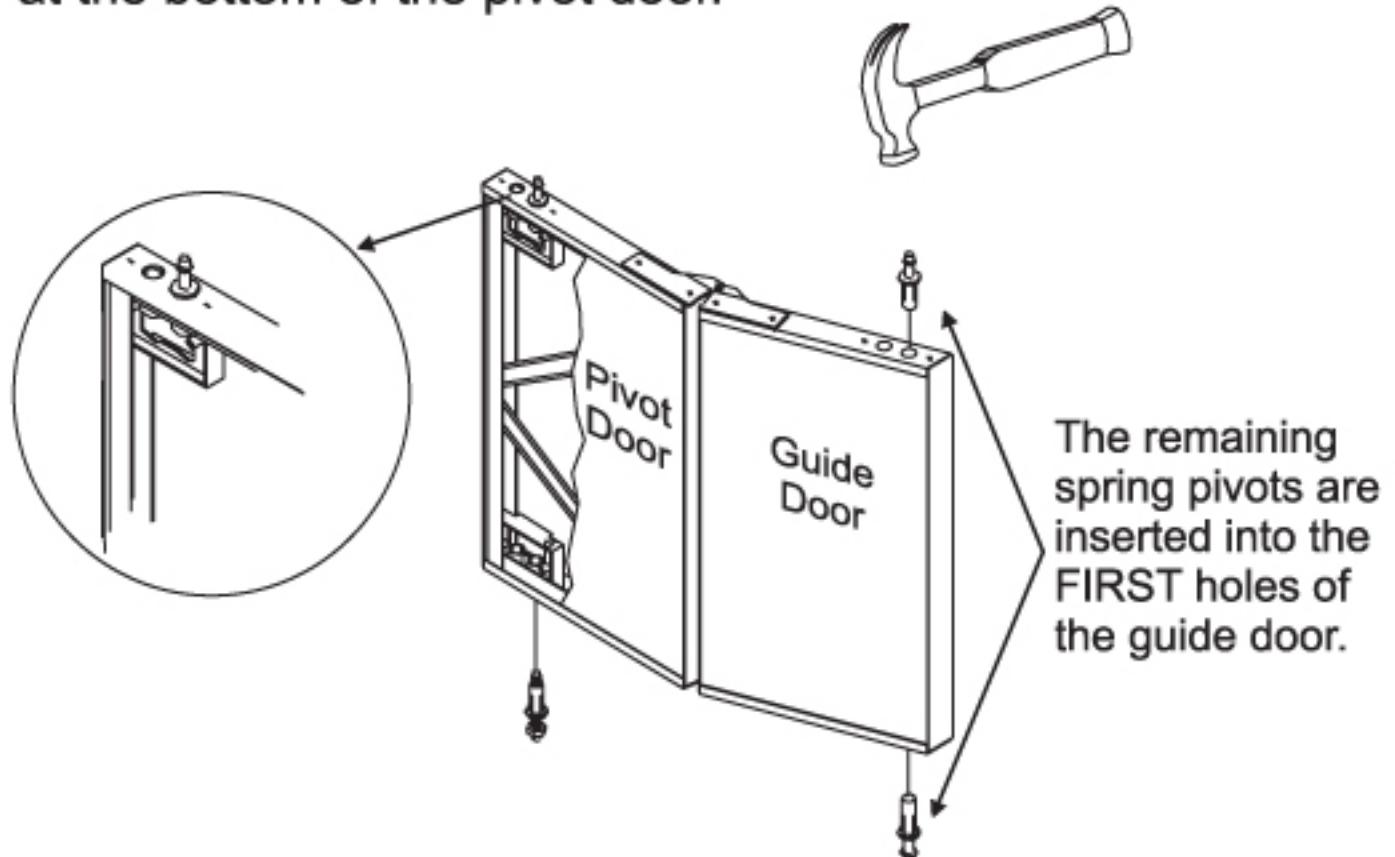
Screw tracks in at a minimum of $1/2"$ (13mm) in from the jamb face. This will ensure that the door does not protrude from the opening when it is closed. Be sure that the pivot brackets [$1\frac{7}{8}"$ (48mm) from the wall] and roll guide have been installed in the tracks prior to installation.



Tracks must be aligned and plumb

3. Insert Pivots

A spring pivot is inserted into the SECOND hole at the top of the pivot door. The bottom pivot is used for the height adjustment and must be inserted into the SECOND hole at the bottom of the pivot door.

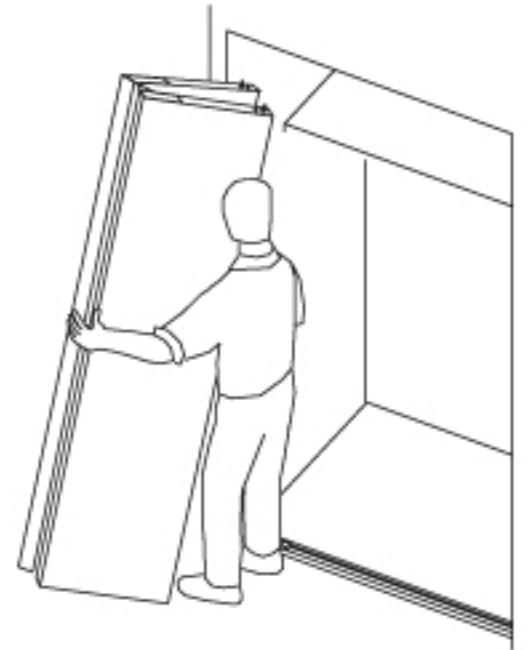


4. Install Doors

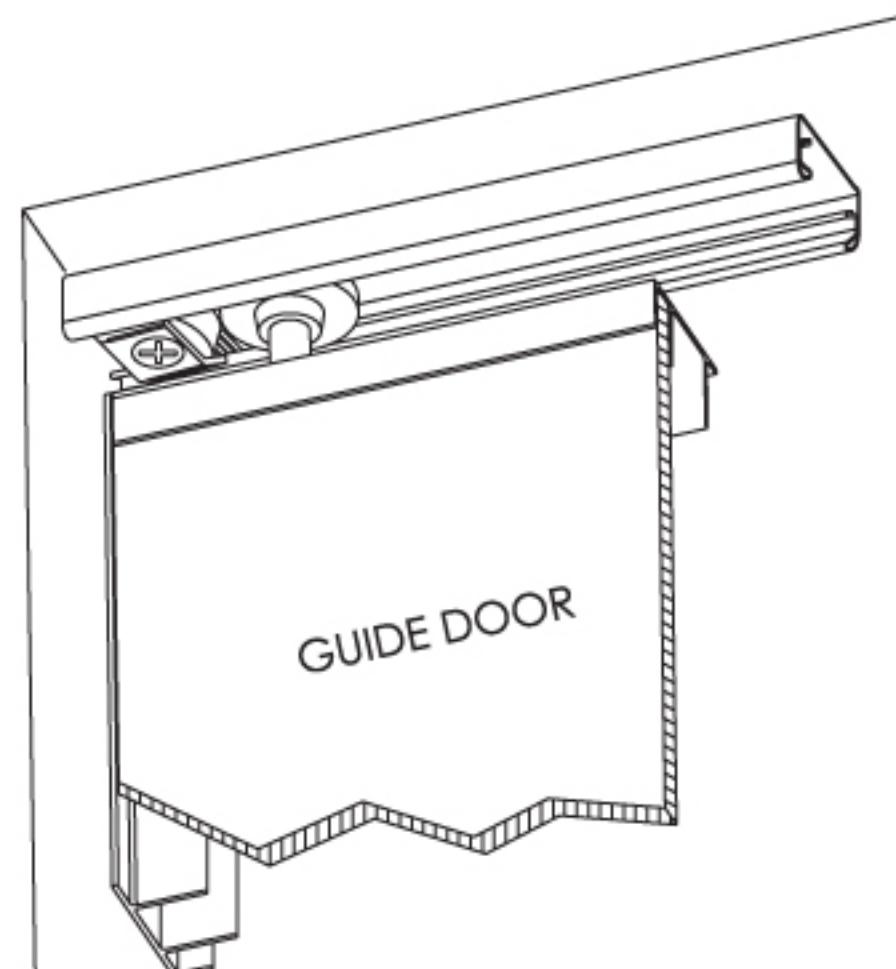
Insert the spring pivot on the top of the pivot door into the pivot bracket. Then place the bottom pivot into the bracket of the bottom track.

Note:

For heavier doors you may prefer to insert the bottom pivot first.



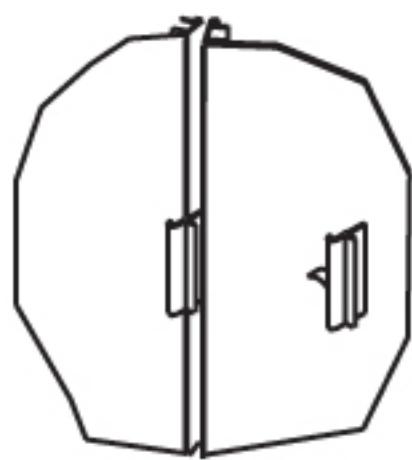
Close the door so that it is slightly ajar. Then depress the pivots in the guide door and snap the pins into the top and bottom roll guides.



Snugger Length = this distance + (1/8" to 3/16") or (3mm to 5mm)

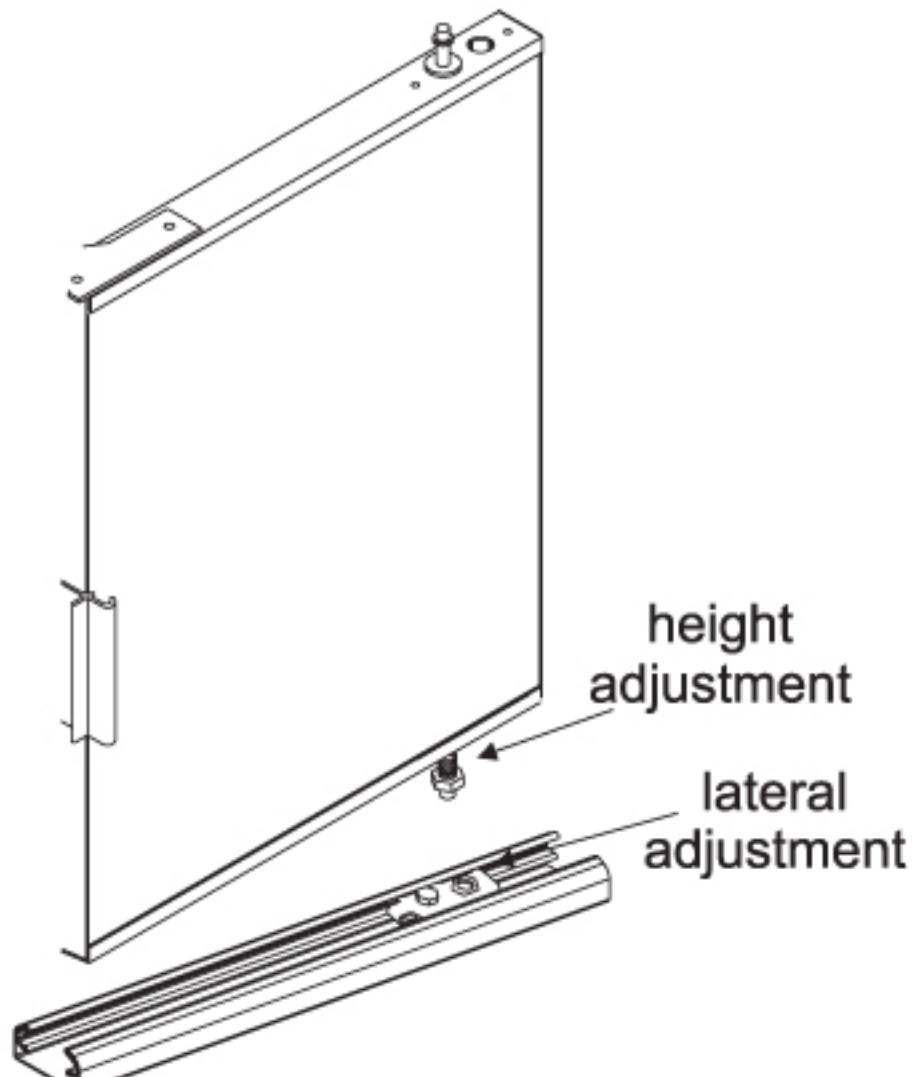
5. Attach Pull

Remove the plastic film from the stiles. If necessary, clean the stile with isopropyl rubbing alcohol (99%) where the pull is to be attached. Using double sided tape, attach the pull to the pivot door at the desired height [approximately 40" (1016mm)].



6. Final Adjustments

Both the top and bottom pivot brackets can be adjusted laterally. Height adjustment is achieved by lifting the door slightly and turning the bottom pivot.

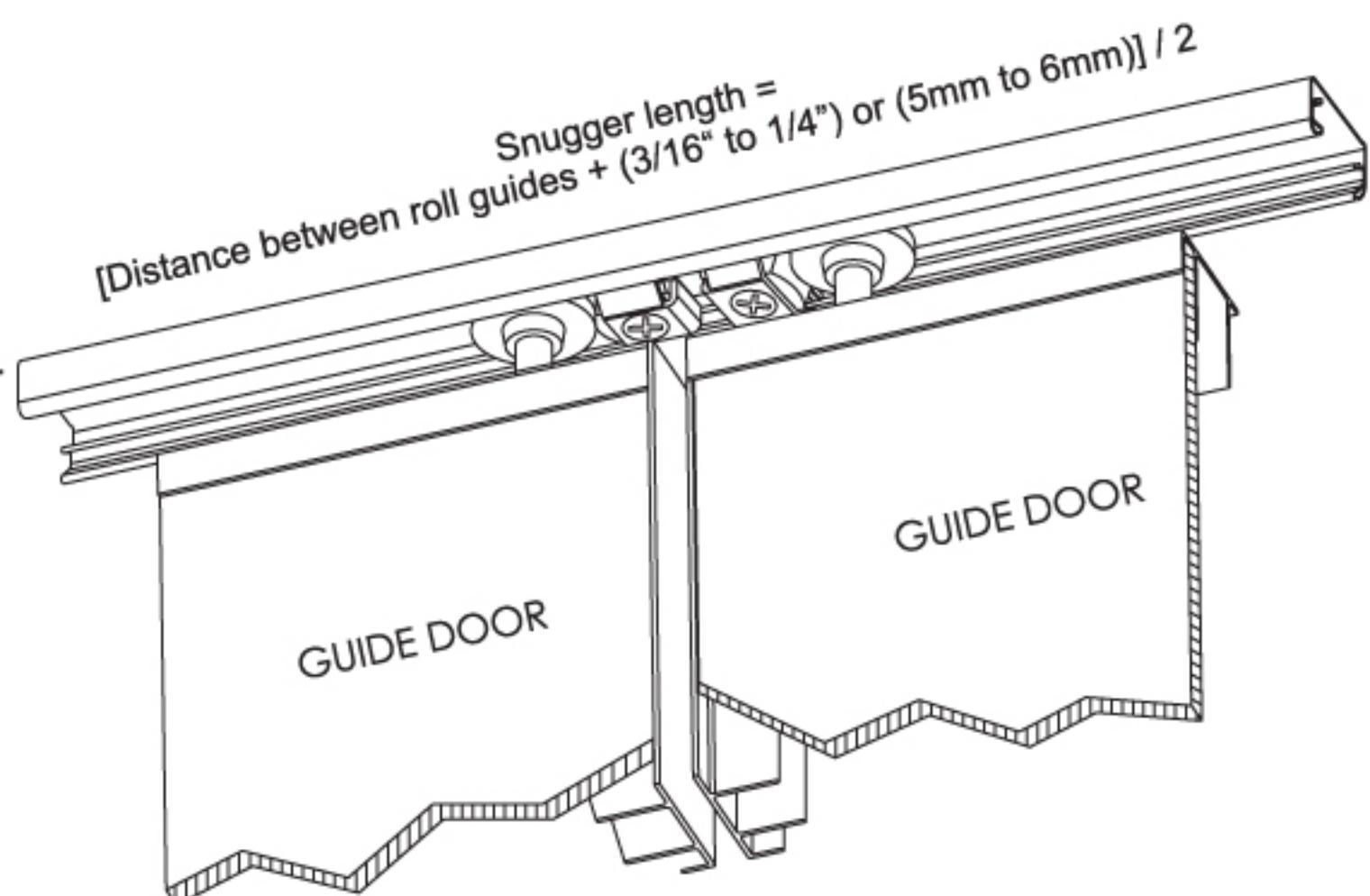


7. Cut Snugger to Fit Opening

For 1 Door

With scissors or a knife, cut the snugger to the length indicated on the diagram, then snap the snugger into the top track.

Note: The door shall close with a light snap.

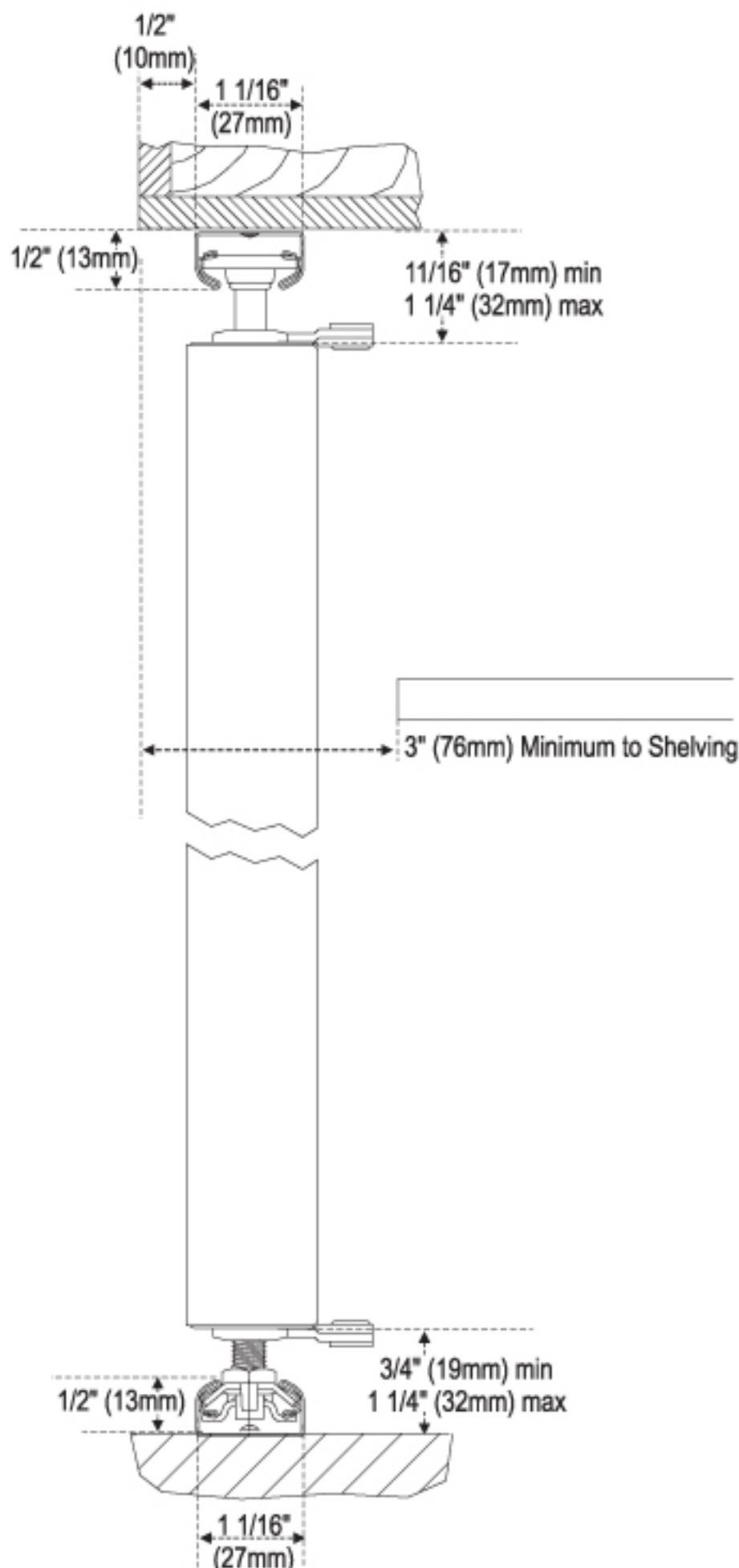


For 2 Doors

With scissors or a knife, cut the two snuggers the same length (see formula above) as per the diagram, then snap the snuggers into the top tracks.

Note: The door shall close with a light snap.

Cross-Sectional Layout of Installed Doors



SLIMFOLD PRODUCTS LIMITED LIFETIME WARRANTY

Slimfold Products Division warrants to the purchaser that its products, when utilized for interior door use, will be free from defects in materials and workmanship for the life of the product. Slimfold Products manufactured with galvanized steel are additionally warranted against rusting for a period of one (1) year from the date of purchase, provided the finish has not been cut or abraded through the metal. Galvanized steel should be used where air has a high salt content or in locations with high humidity.

This warranty is applicable only when the products covered by it have been installed in accordance with the recommended written installation instructions of Slimfold Products Division and with established building practices, have been accorded treatment which is considered good practice in the building industry regarding storage and maintenance, and have been subjected only to normal use. Because Slimfold Products Division cannot control the manner in which its products are handled after leaving its premises, this warranty does not apply to the finish or other damage occurring during shipment.

There are no warranties, express or implied, which extend beyond the description on the face hereof, including the implied warranty of merchantability and the implied warranty of fitness for a particular purpose.

Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply in some cases.

In the event the original consumer purchaser of any Slimfold product believes that the door or any parts thereof covered by this warranty is defective, a letter outlining the alleged defect should be sent postage prepaid to the following address:

**Slimfold Products Division
PO Box 8577
Dothan, AL 36304-0577**

Any Slimfold Products part covered by this warranty which, upon inspection by an authorized representative of Slimfold Products Division, are found by said representative to be defective, will be repaired or replaced at the option of Slimfold Products Division. The purchase price of the part will be refunded and does not include labor, installation costs, finishing costs, or indirect or consequential damages of any nature. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

This warranty bestows certain legal rights, and you may also have other rights which vary from state to state.

CARING FOR YOUR SLIMFOLD DOOR KEEP TRACK FREE OF DIRT AND PAINT!

Steel Bifolds

Clean steel surface with a soft cloth using a mild detergent and water. Do not use harsh cleaners or abrasive.

Mirrors

- Clean mirror surface with clean, warm water or approved glass cleaner. Do not use any acid or alkali cleaners or cleaners with ammonia base. They will attack front surface, edges and backing of glass.
- Use a clean, soft cloth when cleaning to avoid scratching mirror surface.
- Never spray any cleaner directly on to the mirror. Apply to cloth first, then wipe mirror.
- Be sure to dry all edges thoroughly.

Mirror Dimensions:

Mirror Width =

[Opening width / 2] - 3/8" (10mm) - 2 panel door
[Opening width / 4] - 3/8" (10mm) - 4 panel door

Mirror Length =

Opening height - 2" (51mm)

Mirror Thickness =

Heights up to 7'0" - 3mm

Heights over 7'0" - 4mm

Note: All mirror must be used with safety backing conforming to local building code standards. Safety backing must reach the mirror edges. Mirror edges should be polished to prevent crack propagation after cutting.



SLIMFOLD™

Closet Systems

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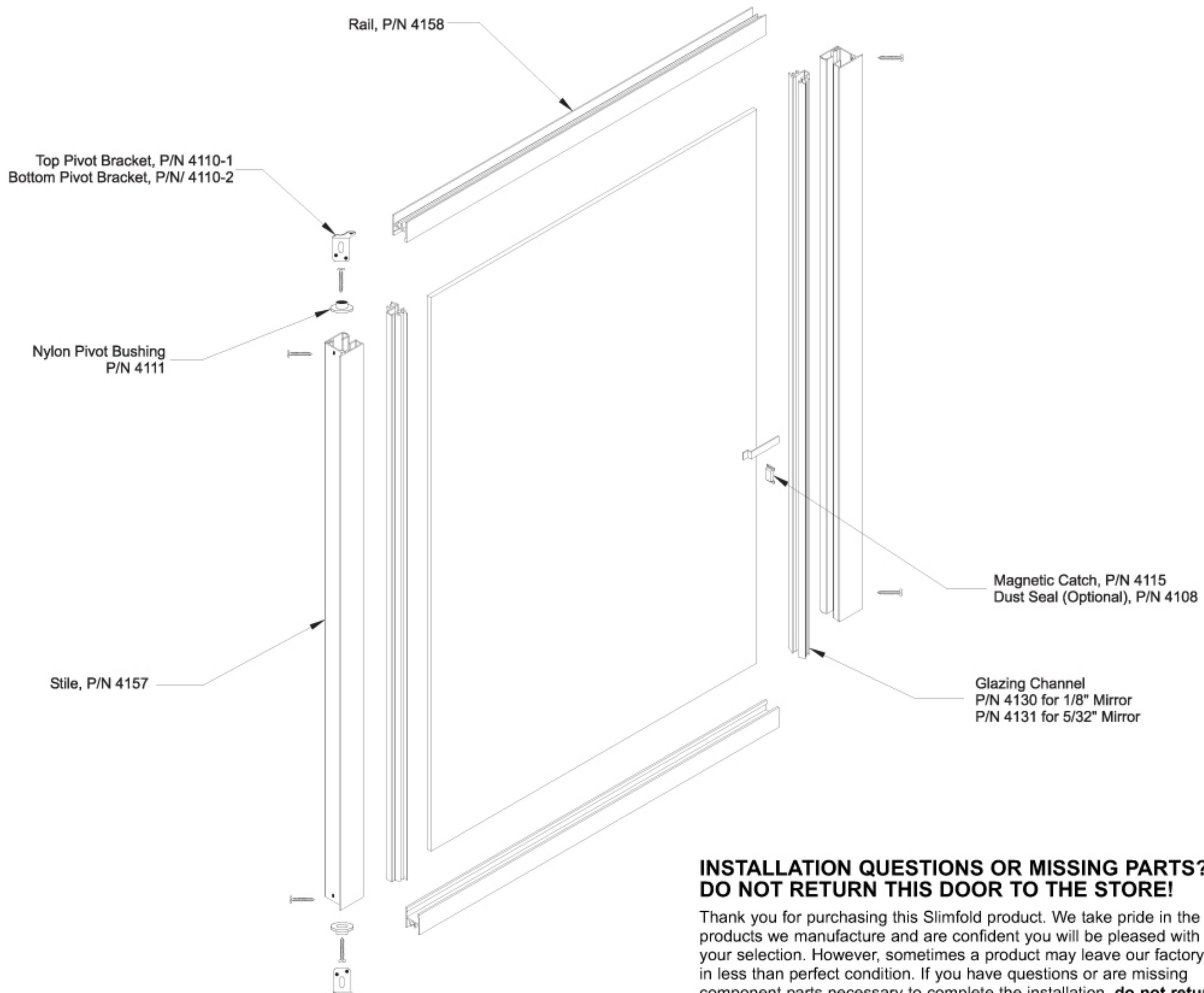
P/N 82800256 SF412 Rev. 11/08

INSTALLATION SHEET

Keep These Instructions!

PLEASE FOLLOW ALL INSTRUCTIONS AND ALWAYS
USE PROTECTIVE EYEWEAR WHEN INSTALLING A
DOOR SYSTEM. PLEASE READ INSTRUCTIONS
COMPLETELY.

SERIES 4100 ALUMINUM OVERLAY DOORS



INSTALLATION QUESTIONS OR MISSING PARTS? DO NOT RETURN THIS DOOR TO THE STORE!

Thank you for purchasing this Slimfold product. We take pride in the products we manufacture and are confident you will be pleased with your selection. However, sometimes a product may leave our factory in less than perfect condition. If you have questions or are missing component parts necessary to complete the installation, **do not return the door to the place of purchase**. Give us a call first. More than likely, we can solve the problem without the hassle and expense of returning the door to the store. **Call Customer Service: 1-800-633-7553 from 8:00 a.m. to 5:00 p.m. CST, Monday through Friday.**



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Closet Systems

BEFORE YOU BEGIN

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Assemble Tools

Safety glasses Level
Phillips head screwdriver Tape Measure
Straight head screwdriver Power drill or screw gun (3/16" bit)

Measure Opening

Measure the Finished Opening Size; refer to Specifications below to insure proper door size (FIGURE 1).

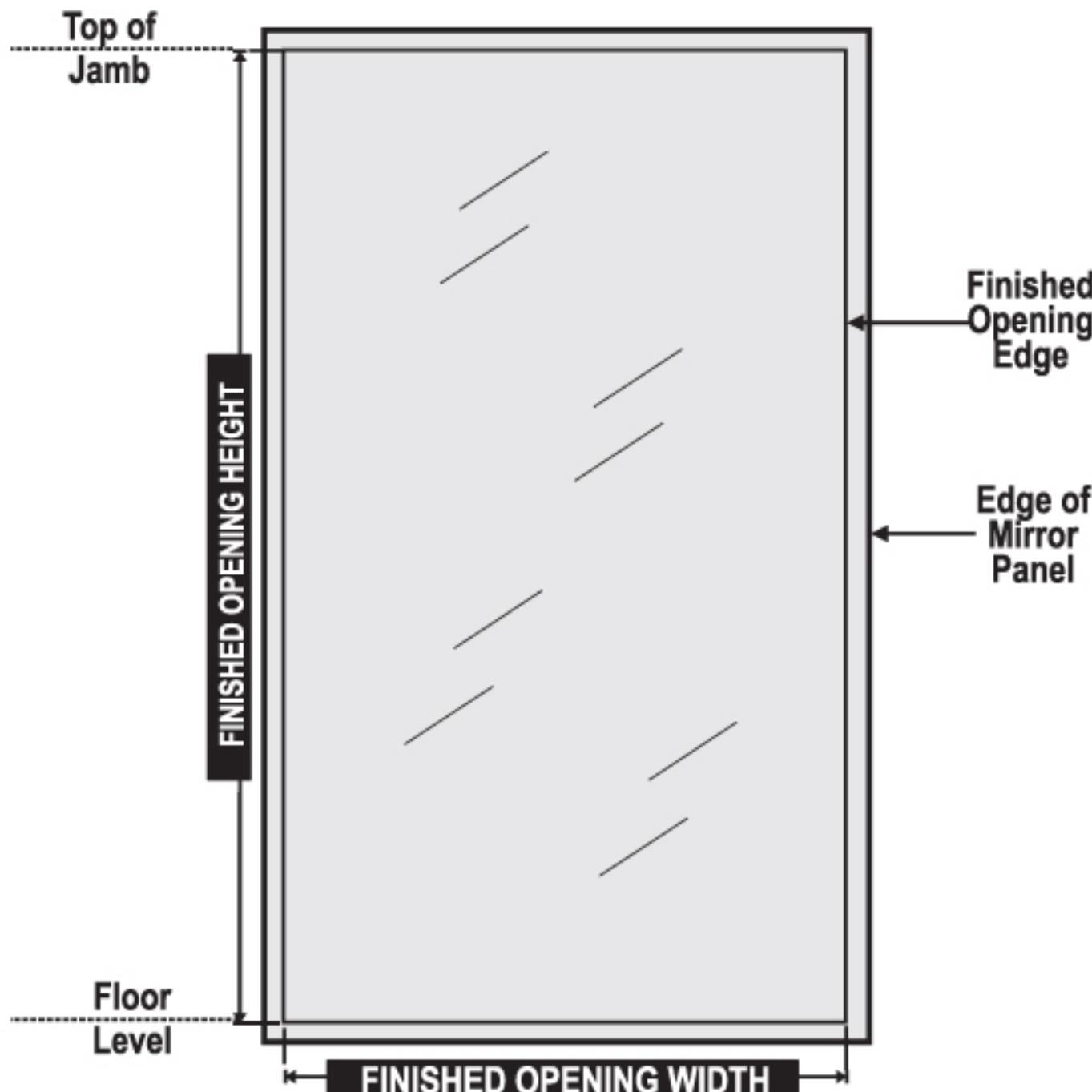


FIGURE 1

Specifications

STANDARD SIZES—ONE PANEL ONLY

Opening	Door Width	DISTANCE BETWEEN CUT MOLDINGS	FINISHED OPNG. HEIGHT
2'0"	28 1/2"	28 3/8"	6'8" Units
(610)	(724)	(721)	
2'6"	34 1/2"	34 3/8"	80 1/2"
(762)	(877)	(874)	(2045)
3'0"	40 1/2"	40 3/8"	+1 1/2"
(914)	(1029)	(1026)	(+38)

Finished Opening Width Tolerance: +1"/-3" (+25/-76)

SPECIAL SIZES: Distance between cut molding edges is door width minus 1/8".

All increments shown in (parenthesis) are metric (millimeter) unless otherwise indicated. Non-standard sizes available; check with your dealer for sizes and availability.

INSTALLATION

1. Remove Door from Packing Material

Carefully open the door package. The 4100 mirror overlay comes completely assembled, ready for installation.

CROSS SECTION DETAIL

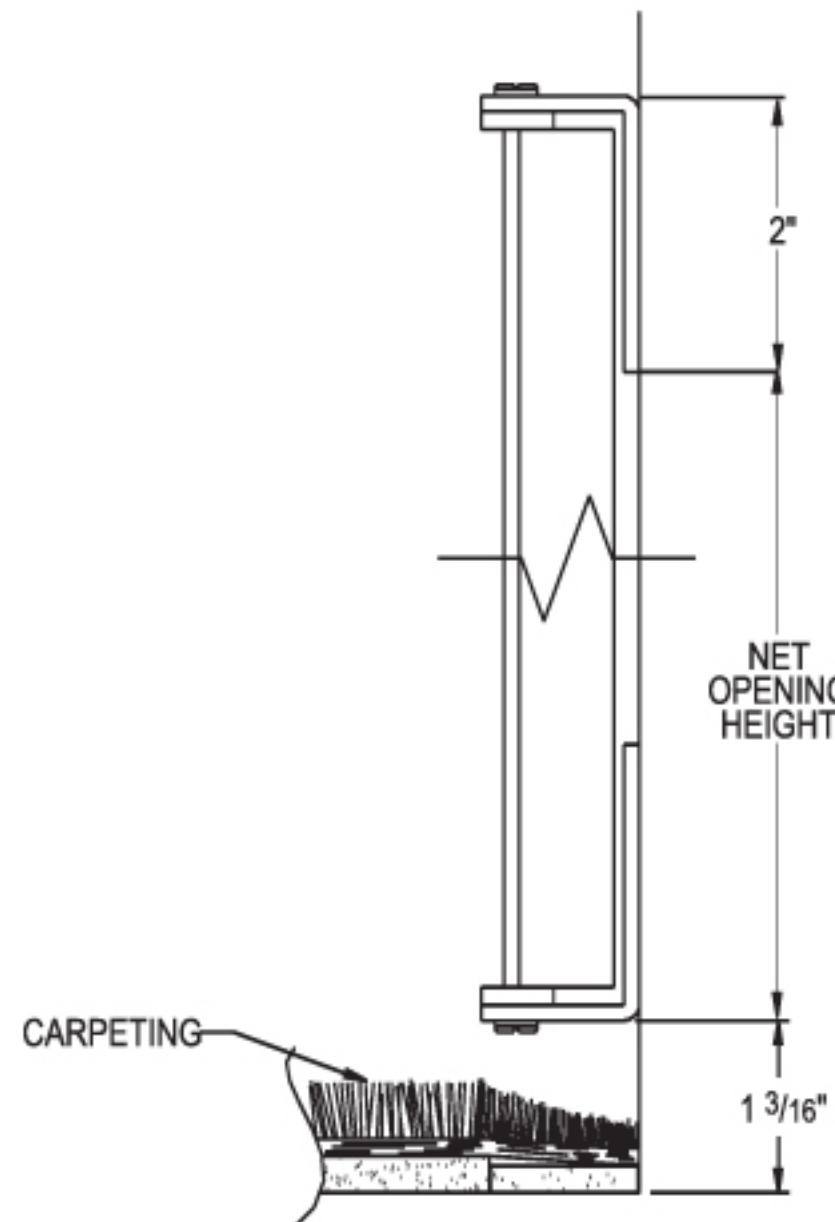


FIGURE 2

2. Trim Base Moldings

Cut the molding 2 1/16" from door opening on the pivot side of door. Referring to chart to left, measure proper distance from cut molding edge to other side of opening and trim molding (Note Figure 2). (See Specifications chart.)

3. Attach Pivot Bushing

Locate 4111 nylon pivot bushing at each end of stile that will become the pivoting side of door (Figure 3) and attach using #8 x 1" pan head Phillips screws.

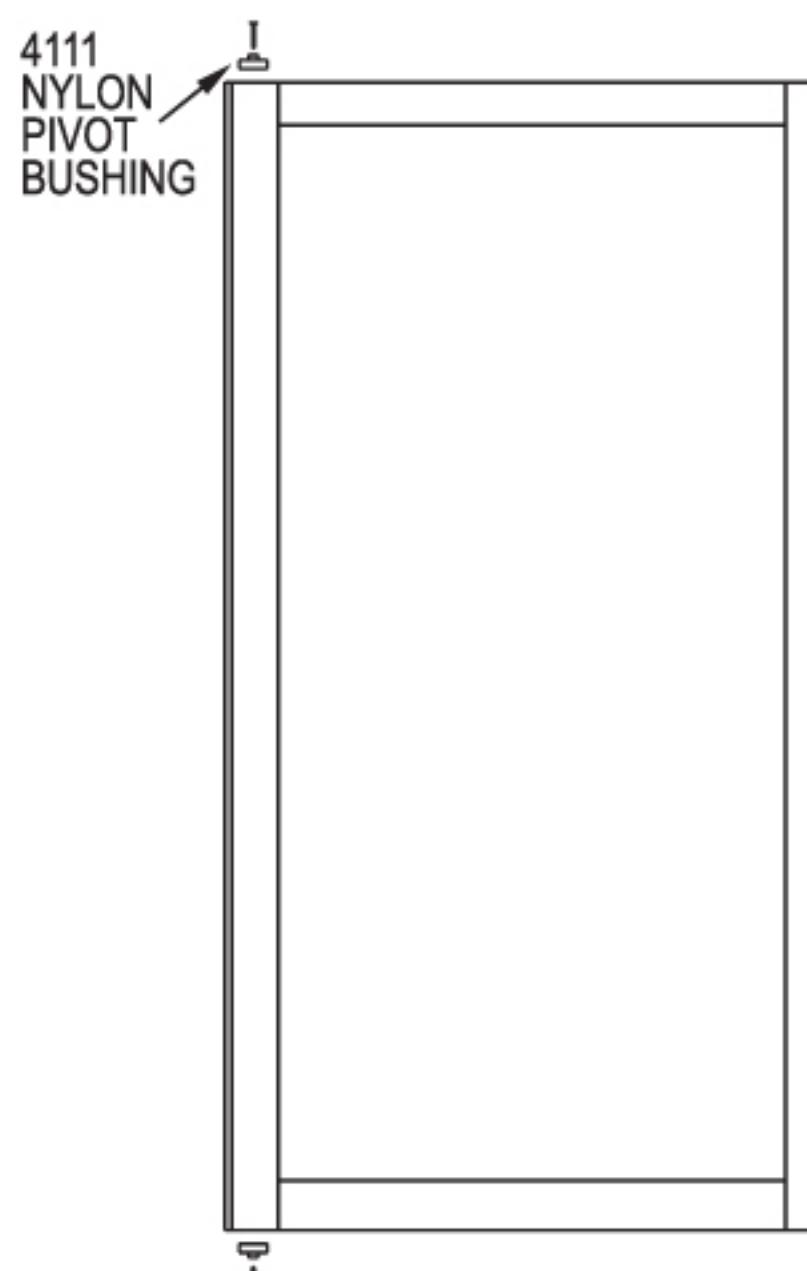


FIGURE 3

4. Mount Brackets

Mount 4110-1/4110-2 pivot bracket to bottom face of wall using three #⁸ x 1 1/4" flat head Phillips screws. Bracket is left and right handed, so select leaf with pivot hole away from opening. Other bracket will be used at top. Bottom of bracket should be located 5/8" from edge of opening (Figure). (This will allow bracket to clear 1/2" dry wall and secure into stud.)

5. Locate/Adjust Top Pivot Bracket

Locate top pivot bracket 5/8" from edge of opening with center slot at point according to following formula: finished door height $-3/16" \pm 1/16"$. Check for plumb and adjust if top and bottom brackets are not plumb. Screw top pivot bracket to wall through center slot only, but do not tighten yet (Figure 4).

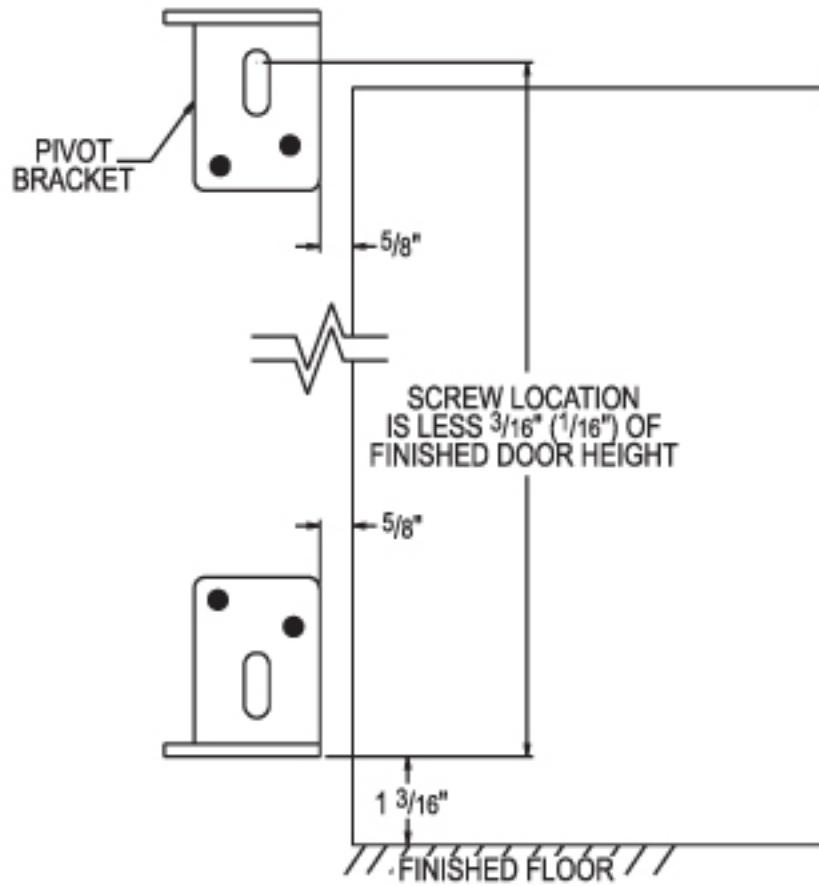


FIGURE 4

7. Install Catch

Attach 4115 magnetic catch inside the front edge of the opening approximately 40" from the floor using #6 x 3/4" screws (included in package) (Figure 6). Leave the screws loose to permit final adjustment of the catch. Drill a 1/8" diameter hole in the center of dust seal channel and in line with the center of the magnetic catch. Clean the area of the mirror backing that the strike will contact with Isopropyl Rubbing Alcohol. Apply double back tape to the flat end of the strike plate that contacts the back of the mirror (Figure 7).

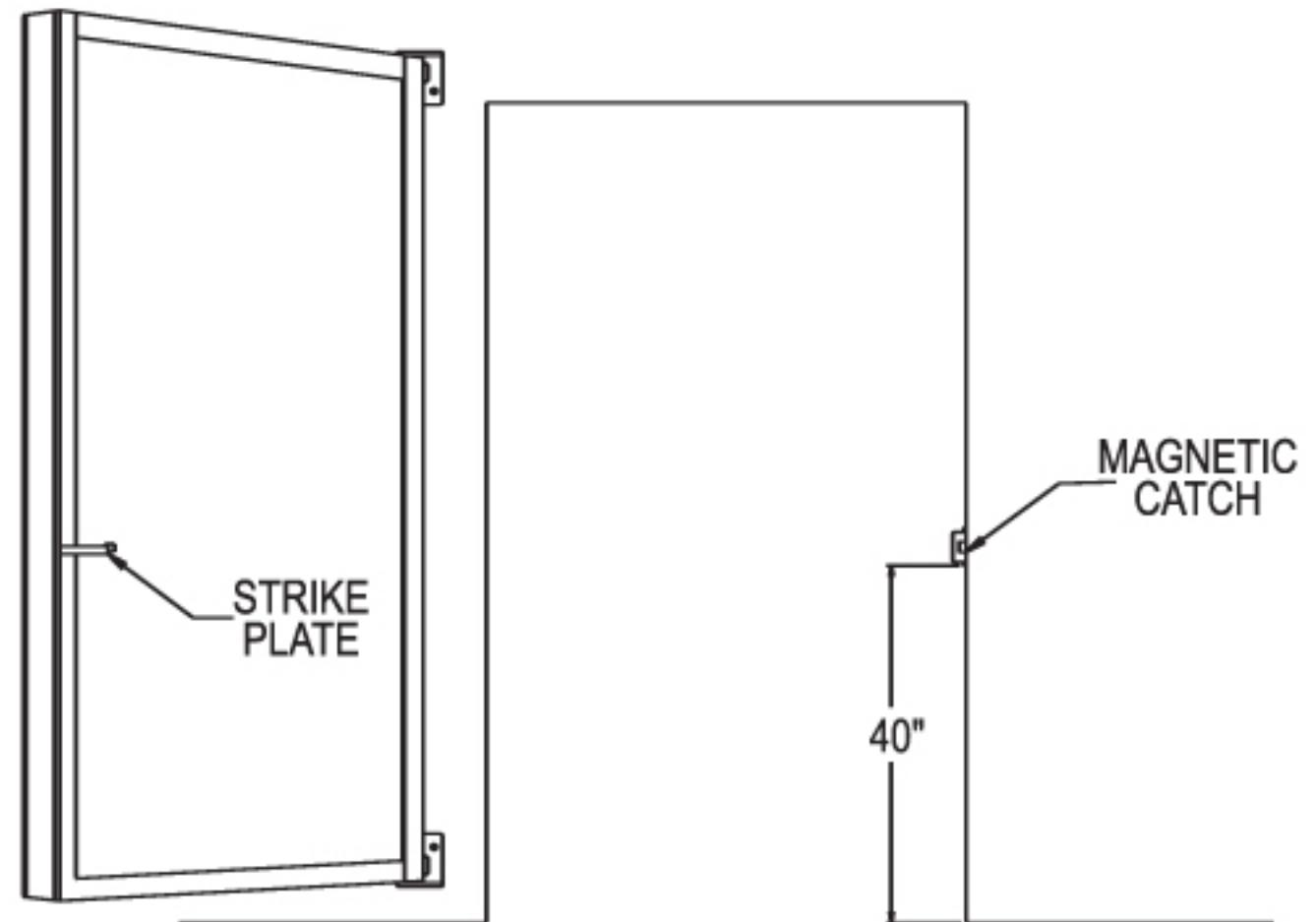


FIGURE 6

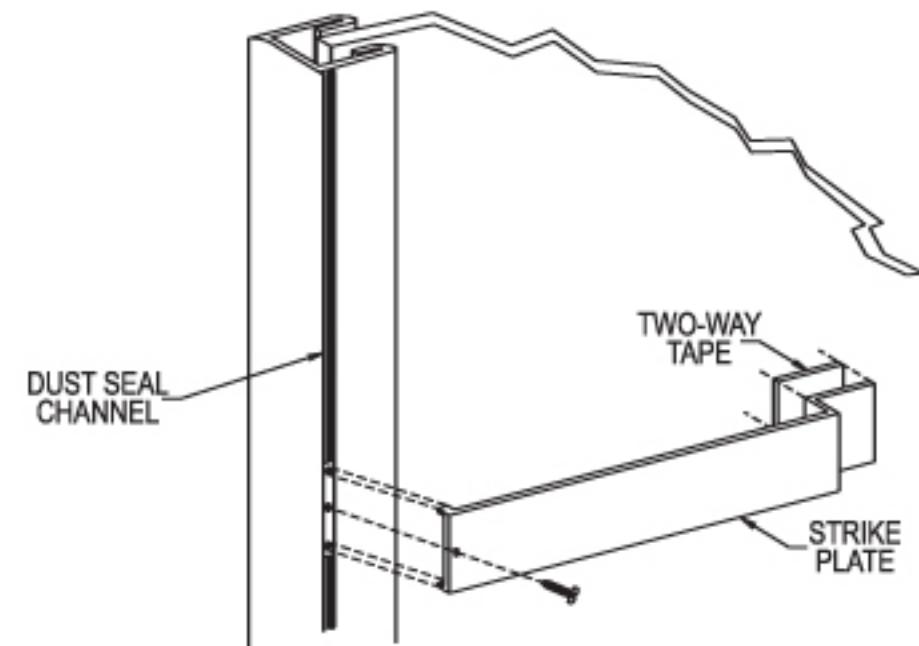


FIGURE 7

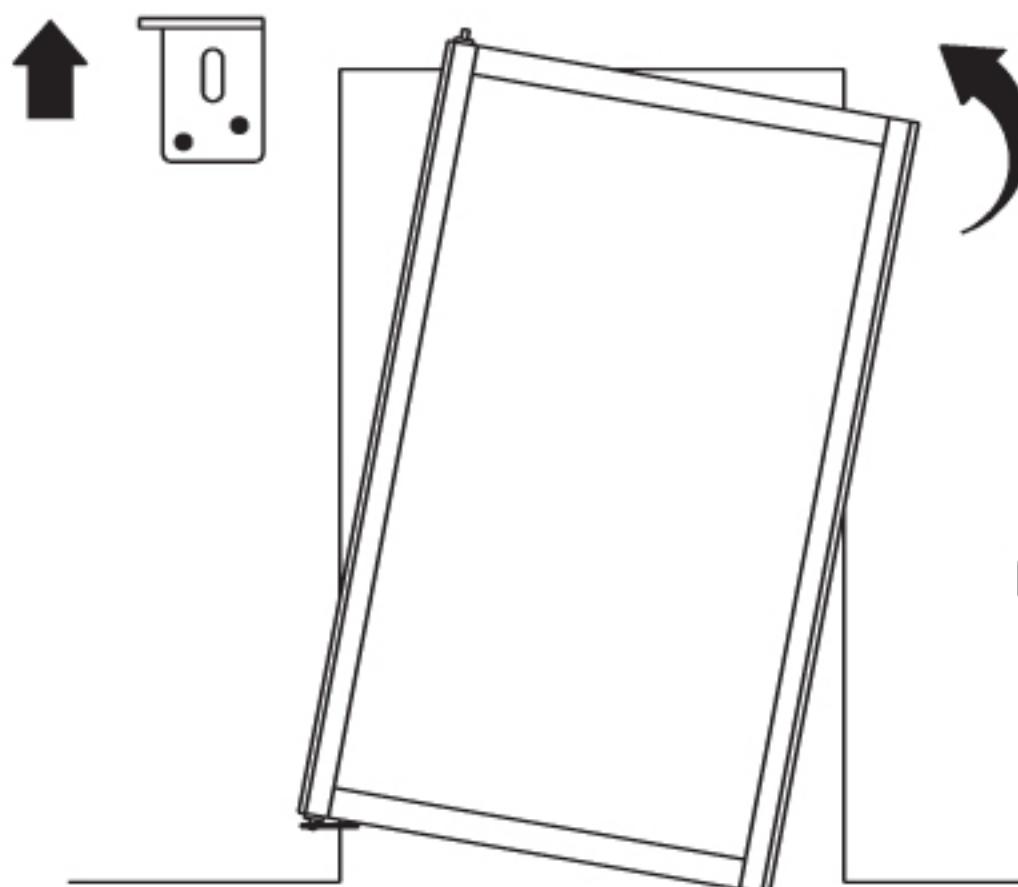


FIGURE 5

SLIMFOLD PRODUCTS LIMITED LIFETIME WARRANTY

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**Slimfold Products Division
PO Box 8577
Dothan, AL 36304-0577**

Any Slimfold Products part covered by this warranty which, upon inspection by an authorized representative of Slimfold Products Division, are found by said representative to be defective, will be repaired or replaced at the option of Slimfold Products Division. The purchase price of the part will be refunded and does not include labor, installation costs, finishing costs, or indirect or consequential damages of any nature. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

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CARING FOR YOUR SLIMFOLD DOOR KEEP TRACK FREE OF DIRT AND PAINT!

Steel Bifolds

Clean steel surface with a soft cloth using a mild detergent and water. Do not use harsh cleaners or abrasive.

Mirrors

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- Use a clean, soft cloth when cleaning to avoid scratching mirror surface.
- Never spray any cleaner directly on to the mirror. Apply to cloth first, then wipe mirror.
- Be sure to dry all edges thoroughly.

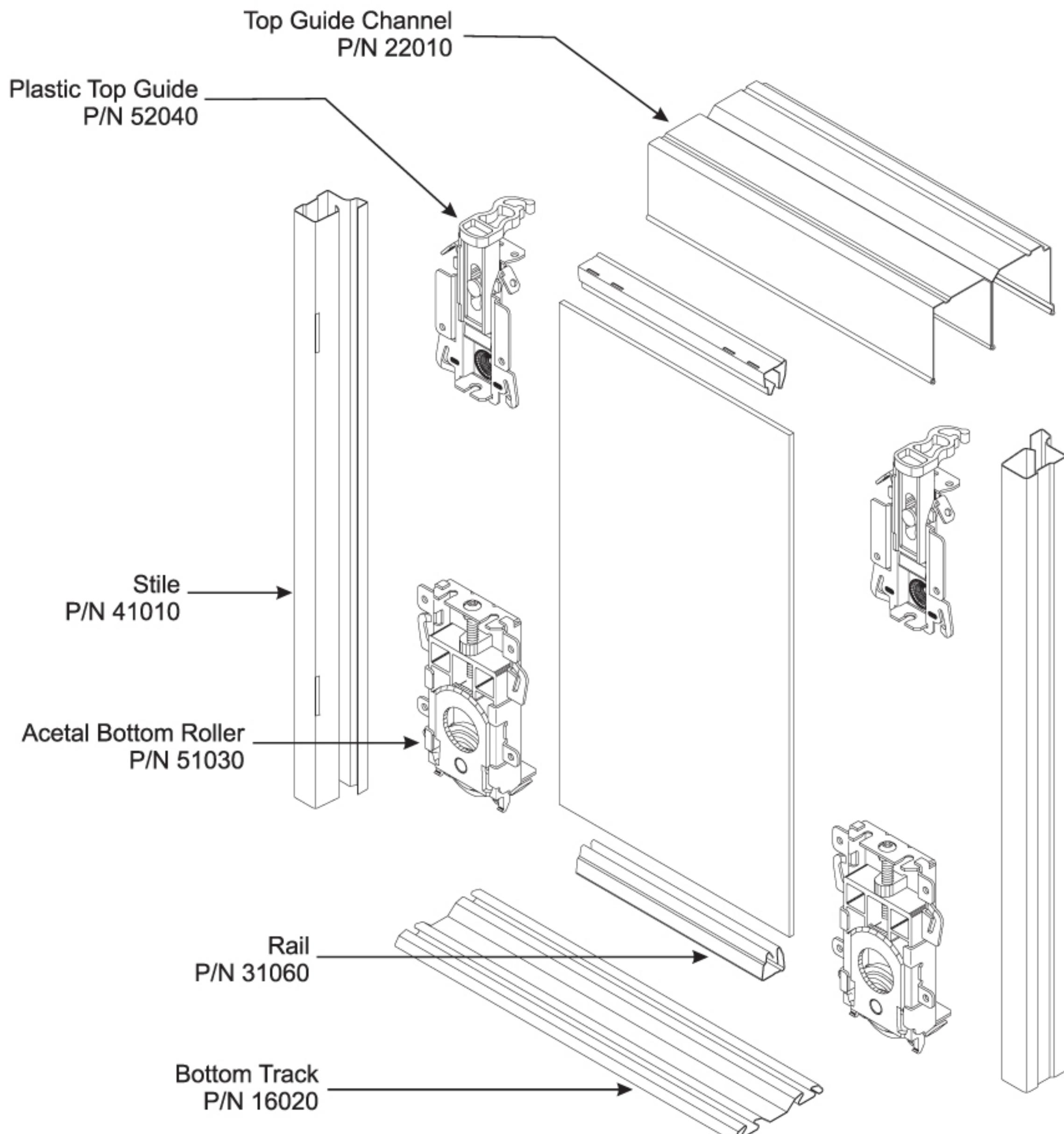


SLIMFOLD™

Closet Systems

4550 Series

Bottom Roll Framed Aluminum Sliding Door System



INSTALLATION QUESTIONS OR MISSING PARTS? DO NOT RETURN THIS DOOR TO THE STORE!

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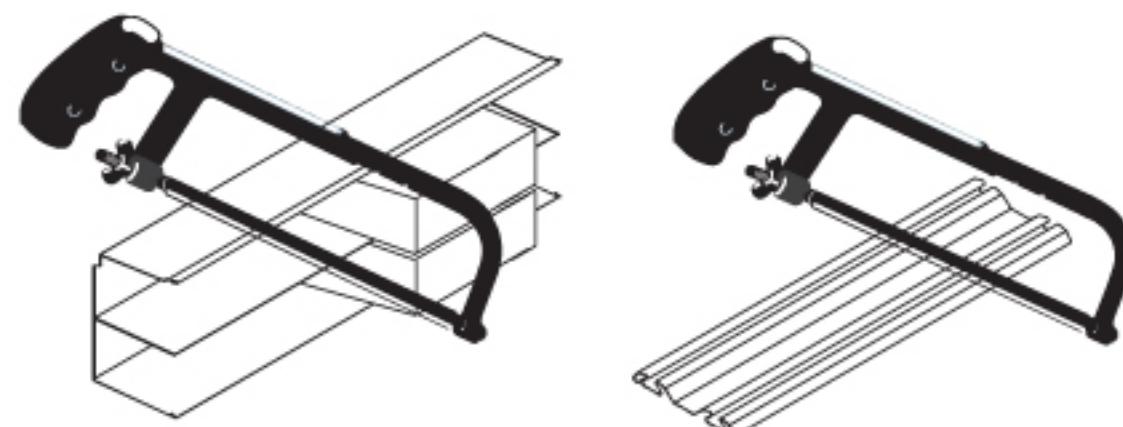
BEFORE YOU BEGIN

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INSTALLATION

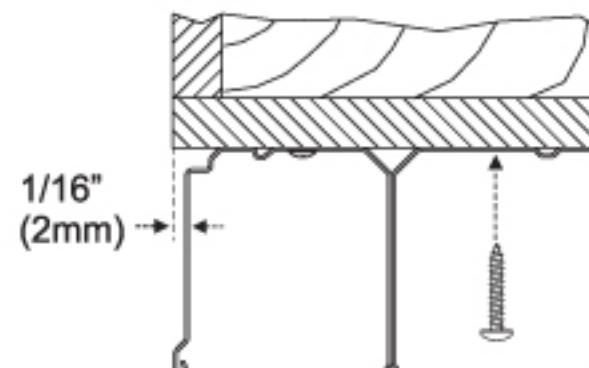
1. Trim Track to Fit Opening

Using a fine tooth hacksaw, cut the Top Guide Channel and Bottom Track 1/16" (2mm) shorter than the opening width. Insert 2x4 (51x102mm) wood blocks into channel for support.



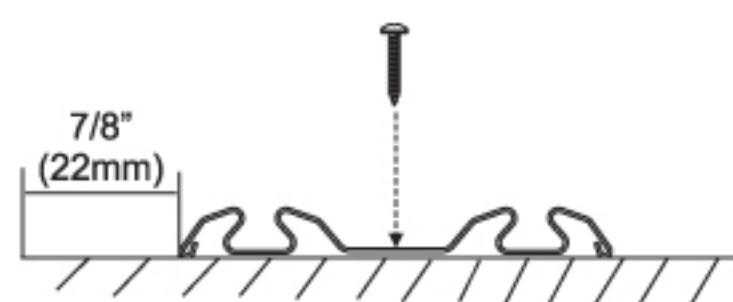
2. Attach Top Guide Channel

Screw Top Guide Channel into the header of your opening locating the front edge 1/16" (2mm) back from the jamb face as shown. Avoid using excessive force when screwing into header as this could deform the Top Guide



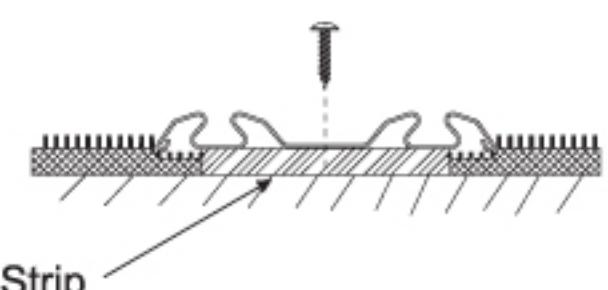
3. Attach Bottom Track

Locate the leading edge of the floor track 7/8" (22mm) back from the front face of the jamb so doors will hang plumb.



Note:

For installation over carpet it is recommended to cut the carpet and shim the track with wood strips.



Specifications STANDARD SIZES—TWO PANEL UNITS

Size	Door Width	FINISHED OPENING WIDTH	FIN. OPNG HEIGHTS	
			6'8" Units	8'0" Units
4'0" (1219)	24-5/8" (626)	48" (1219)	80-1/2" (2045)	96" (2438)
5'0" (1524)	30-5/8" (778)	60" (1524)	+1"-3" (+2.54/-7.62)	
6'0" (1829)	36-5/8" (930)	72" (1829)		
8'0" (2438)	48-5/8" (1235)	962" (2438)		

STANDARD SIZES—THREE PANEL UNITS

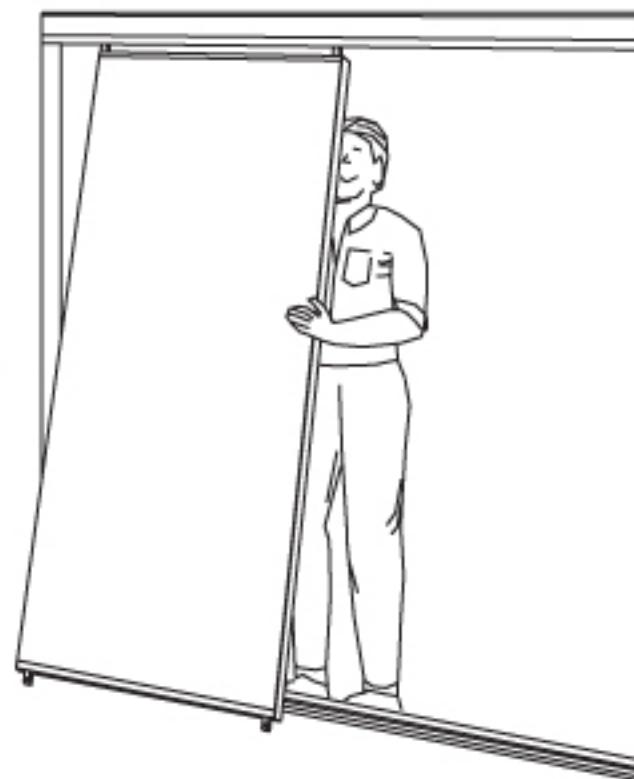
Size	Door Width	FINISHED OPENING WIDTH	FIN. OPNG HEIGHTS	
			6'8" Units	8'0" Units
9'0" (2743)	36-5/8" (930)	108" (2743)	80-1/2" (2045)	96" (2438)
12'0" (3658)	48-5/8" (1235)	144" (3658)		

Finished Opening Width Tolerance +1/2"/-2" (+12.7/-50.8)

All increments shown in (parenthesis) are metric (millimeter) unless otherwise indicated. Non-standard sizes available; check with your dealer for sizes and availability.

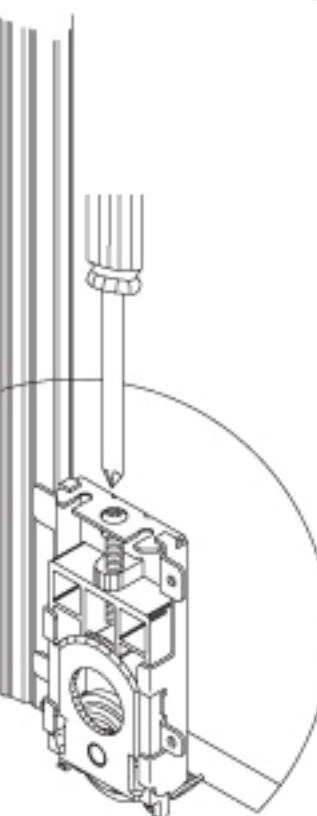
4. Install Doors

Tilt the door as shown, and insert the top guides into the rear channel. Insert the bottom rollers into the rear groove of the bottom track. To prevent scratching, place two pieces of wood or cardboard over the bottom track. Repeat with the second door, using the front channel and groove.

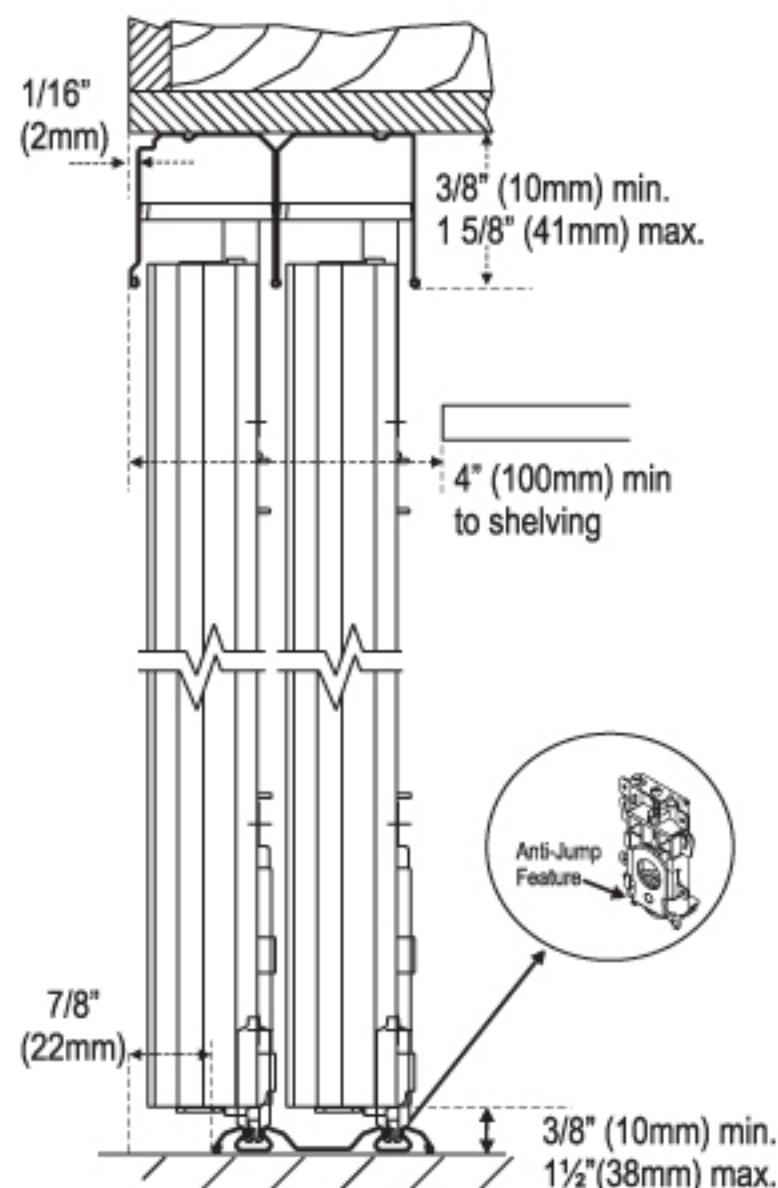


5. Adjust Doors

For vertical adjustment of each door use a star screwdriver on the bottom rollers as shown.



**Cross-Sectional Layout
of Installed Doors**



Mirror Dimensions:

Mirror Width =

Opening width + 1" (25mm) per overlap] / [# of doors]

Mirror Length =

Opening height - 2 5/8" (67mm)

Mirror Thickness =

Heights up to 7'0" - 3mm

Heights over 7'0" - 4mm

Note: All mirror must be used with safety backing conforming to local building code standards. Safety backing must reach the mirror edges. Mirror edges should be polished to prevent crack propagation after cutting.

SLIMFOLD PRODUCTS LIMITED

LIFETIME WARRANTY

Slimfold Products Division warrants to the purchaser that its products, when utilized for interior door use, will be free from defects in materials and workmanship for the life of the product. Slimfold Products manufactured with galvanized steel are additionally warranted against rusting for a period of one (1) year from the date of purchase, provided the finish has not been cut or abraded through the metal. Galvanized steel should be used where air has a high salt content or in locations with high humidity.

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**Slimfold Products Division
PO Box 8577
Dothan, AL 36304-0577**

Any Slimfold Products part covered by this warranty which, upon inspection by an authorized representative of Slimfold Products Division, are found by said representative to be defective, will be repaired or replaced at the option of Slimfold Products Division. The purchase price of the part will be refunded and does not include labor, installation costs, finishing costs, or indirect or consequential damages of any nature. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

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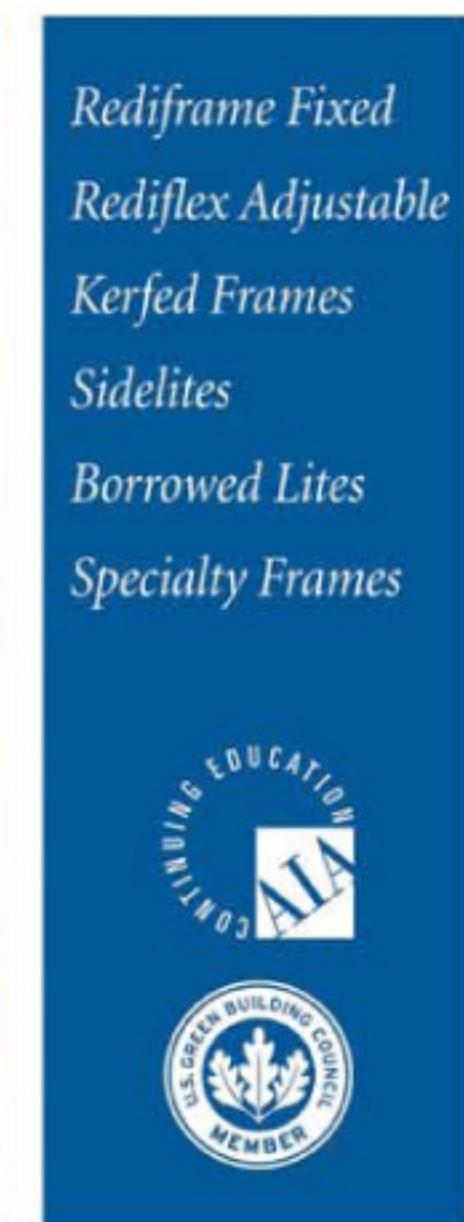
CARING FOR YOUR SLIMFOLD DOOR KEEP TRACK FREE OF DIRT AND PAINT!

Steel Bifolds

Clean steel surface with a soft cloth using a mild detergent and water. Do not use harsh cleaners or abrasive.

Mirrors

- Clean mirror surface with clean, warm water or approved glass cleaner. Do not use any acid or alkali cleaners or cleaners with ammonia base. They will attack front surface, edges and backing of glass.
- Use a clean, soft cloth when cleaning to avoid scratching mirror surface.
- Never spray any cleaner directly on to the mirror. Apply to cloth first, then wipe mirror.
- Be sure to dry all edges thoroughly.



PREFINISHED STEEL DOOR FRAMES



REDIFRAME

Steel Door Frames



SLIMFOLD™

Closet Systems

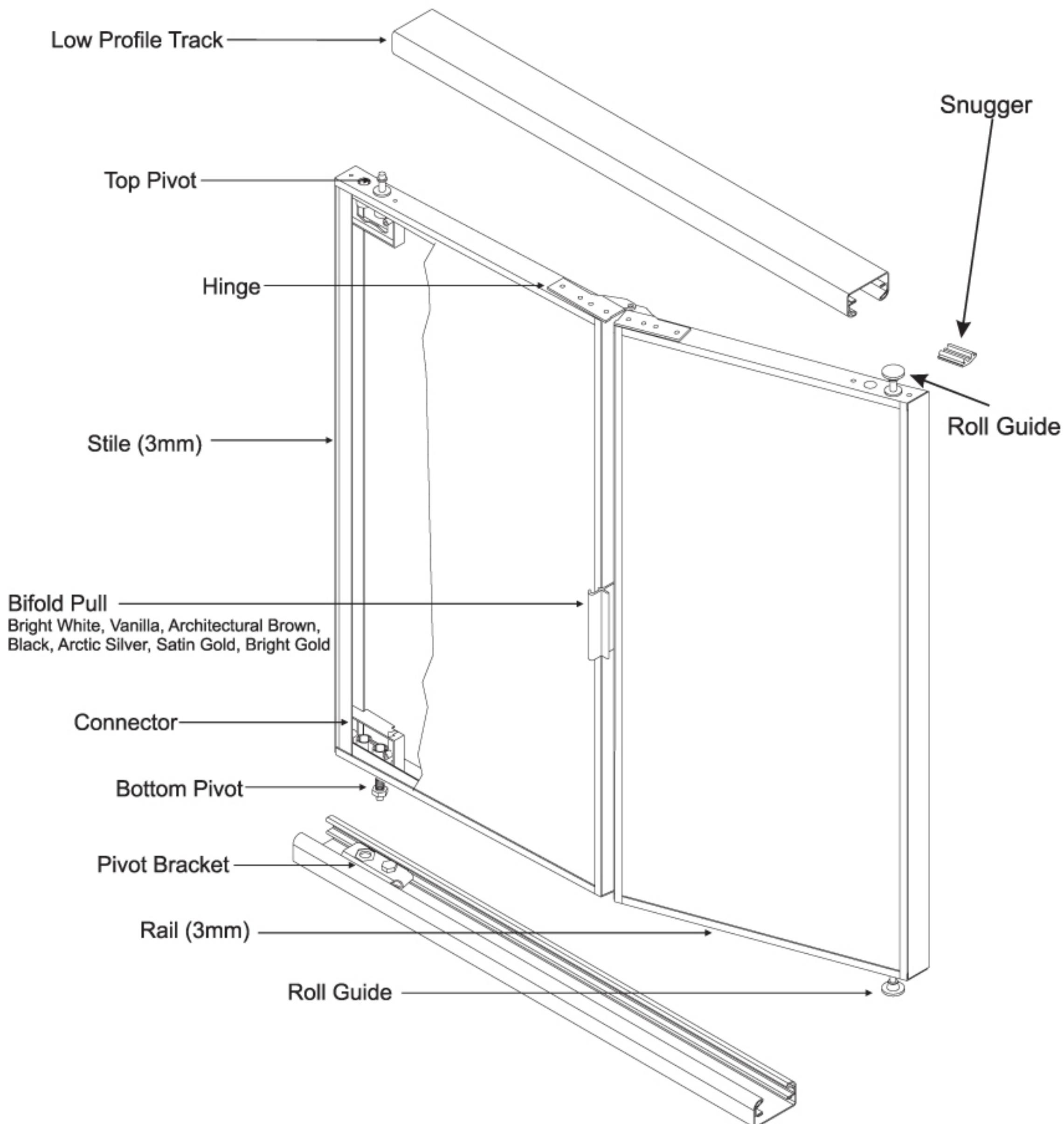
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P/N 82800259 SF 416 Rev. 10/08

5002 Series

Frameless Aluminum Bifold Door System



INSTALLATION QUESTIONS OR MISSING PARTS? DO NOT RETURN THIS DOOR TO THE STORE!

Thank you for purchasing this Slimfold product. We take pride in the products we manufacture and are confident you will be pleased with your selection. However, sometimes a product may leave our factory in less than perfect condition. If you have questions or are missing component parts necessary to complete the installation, **do not return the door to the place of purchase**. Give us a call first. More than likely, we can solve the problem without the hassle and expense of returning the door to the store. **Call Customer Service: 1-800-633-7553 from 8:00 a.m. to 5:00 p.m. CST, Monday through Friday.**

PARTS SCHEDULE

Track Hardware Bag PN 17170 (Installed in Track)
 Snugger (2 per set, 1 per hand)
 Roll Guide (2 per set, 1 per hand)
 Pivot Bracket (2 per set, 1 per hand)
Hardware Bag PN 88760
 Bifold Pull (1), Spring Pivot (3), Bottom Pivot (1),
 1-1/2" Track Screw (5), Instruction Sheet (1)



SLIMFOLD™

Closet Systems

BEFORE YOU BEGIN

PLEASE FOLLOW ALL INSTRUCTIONS AND ALWAYS USE
PROTECTIVE EYEWEAR WHEN INSTALLING A DOOR SYSTEM.
PLEASE READ INSTRUCTIONS COMPLETELY.

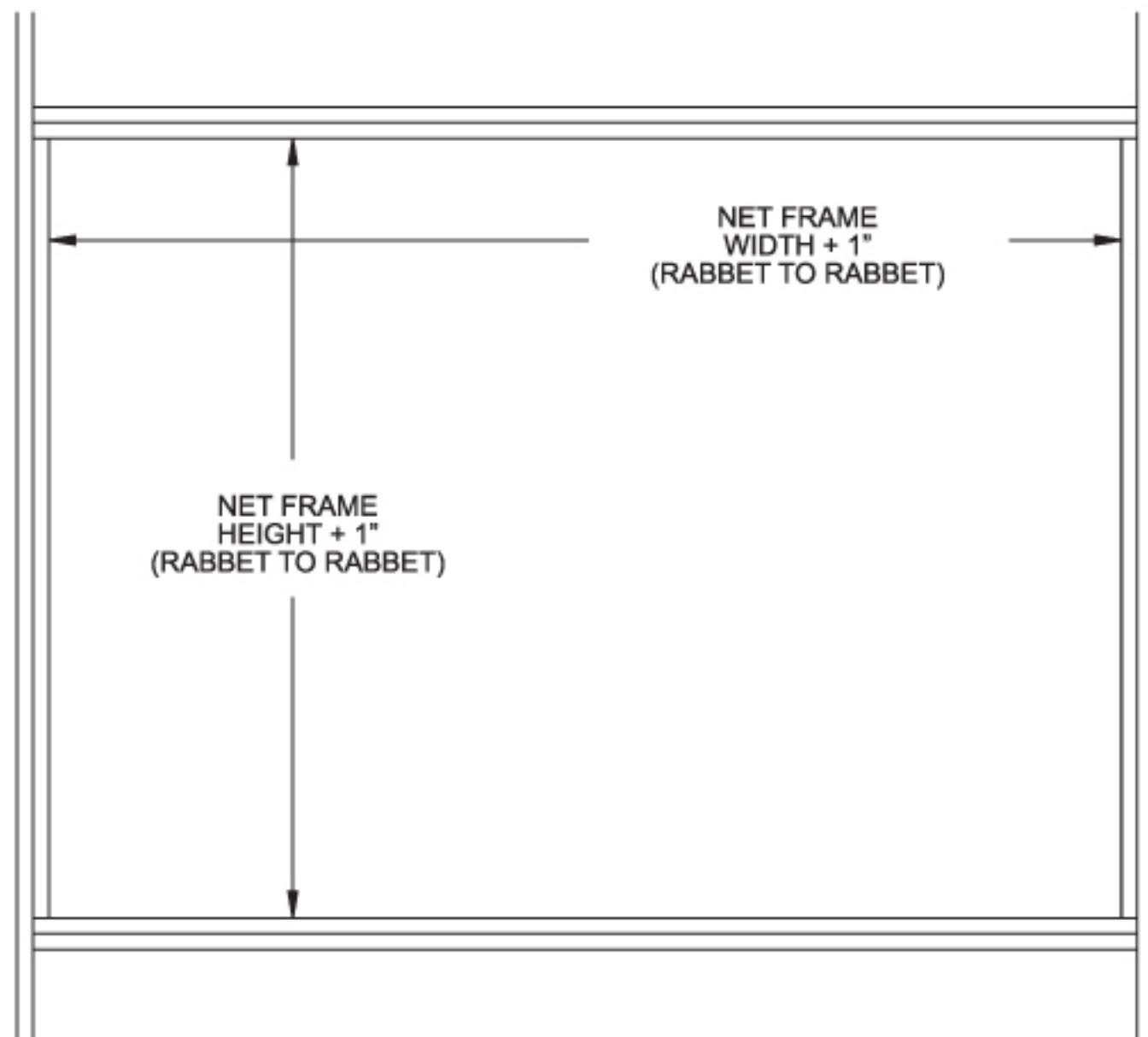


FIGURE 1

BORROWED LITE ROUGH OPENING

Rough Opening

(Figure 1)

Step 1

Verify that the opening is plumb, square and level.

Vertical Mullion:

Add 1" (once only) to total of the combined glass sizes in width. Then add 2" more for each mullion used. Add 1" to height of glass size.

(Example: 36"+36"+2" [mullion] + 1" = 75" W; 48"+1" = 49" H.) (Figure 2)

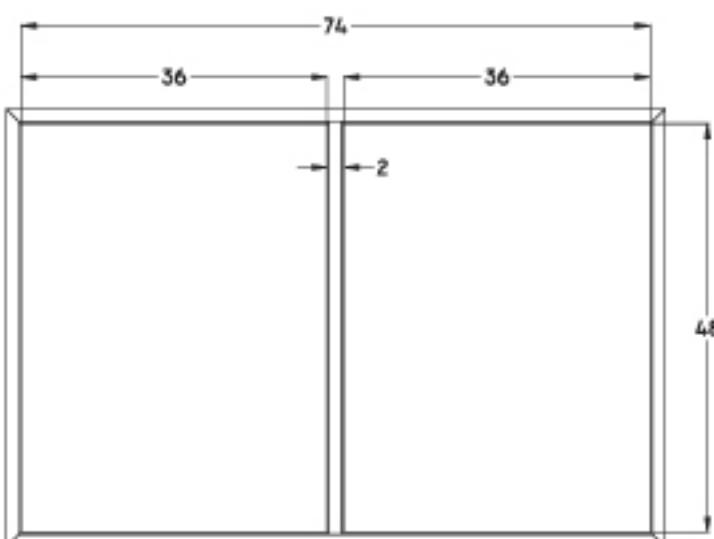


FIGURE 2

Mullion Clip Installation

Step 1

Select frame members that will receive mullion brackets (head and sill). Determine center line of mullion and scribe a line across the rabbets. (Figure 3)

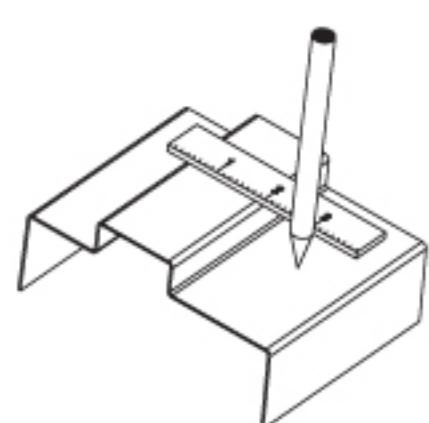


FIGURE 3

Important: All measurements should be made from the same end of the frame

sections in the installed position.

Step 2

Position mullion bracket so scribe line centers in diamond window and the depressed tab rests firmly against the stop on the 1-3/4" and 1-3/8" rabbets. (Figure 4)

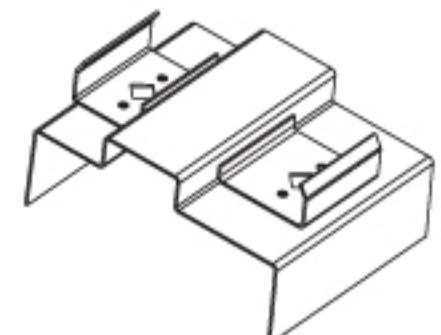


FIGURE 4

Step 3

Install screws as shown. (Figure 5)

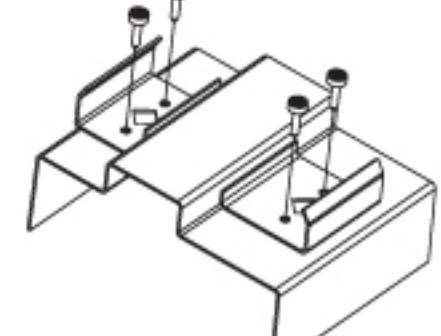


FIGURE 5

Installation of Frame

Step 1

Sleeve both top and bottom horizontal sections over wall. (Figure 6)



FIGURE 6

Step 2

Sleeve vertical members over wall. (Figure 7)



FIGURE 7

Step 3

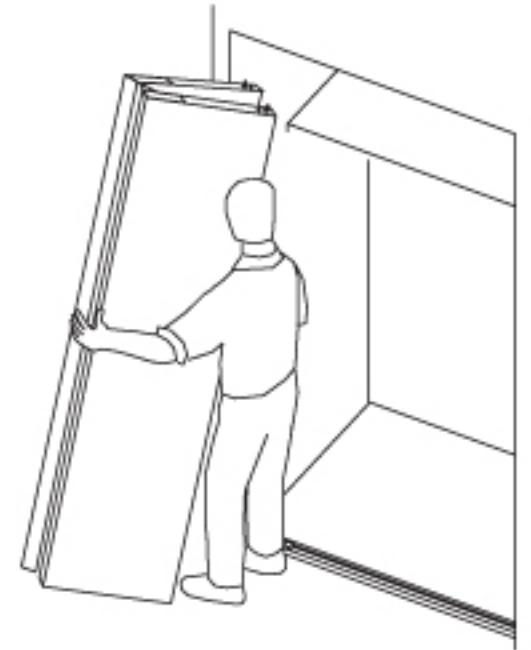
Bring together all vertical sections

4. Install Doors

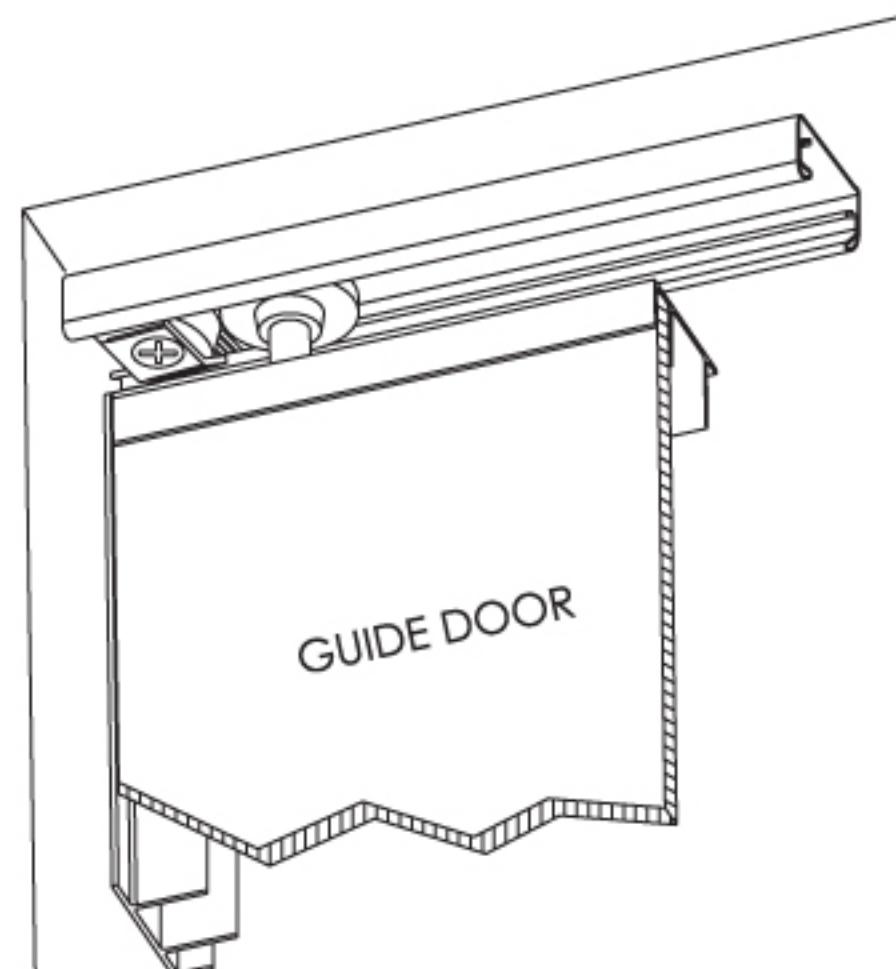
Insert the spring pivot on the top of the pivot door into the pivot bracket. Then place the bottom pivot into the bracket of the bottom track.

Note:

For heavier doors you may prefer to insert the bottom pivot first.



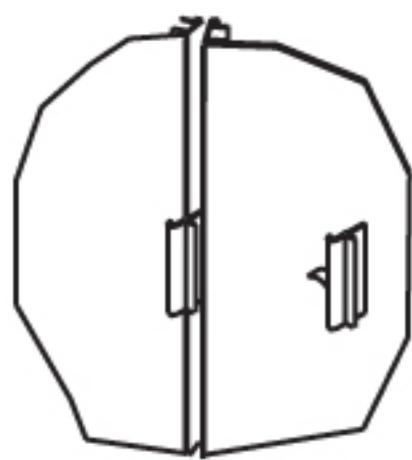
Close the door so that it is slightly ajar. Then depress the pivots in the guide door and snap the pins into the top and bottom roll guides.



Snugger Length = this distance + (1/8" to 3/16") or (3mm to 5mm)

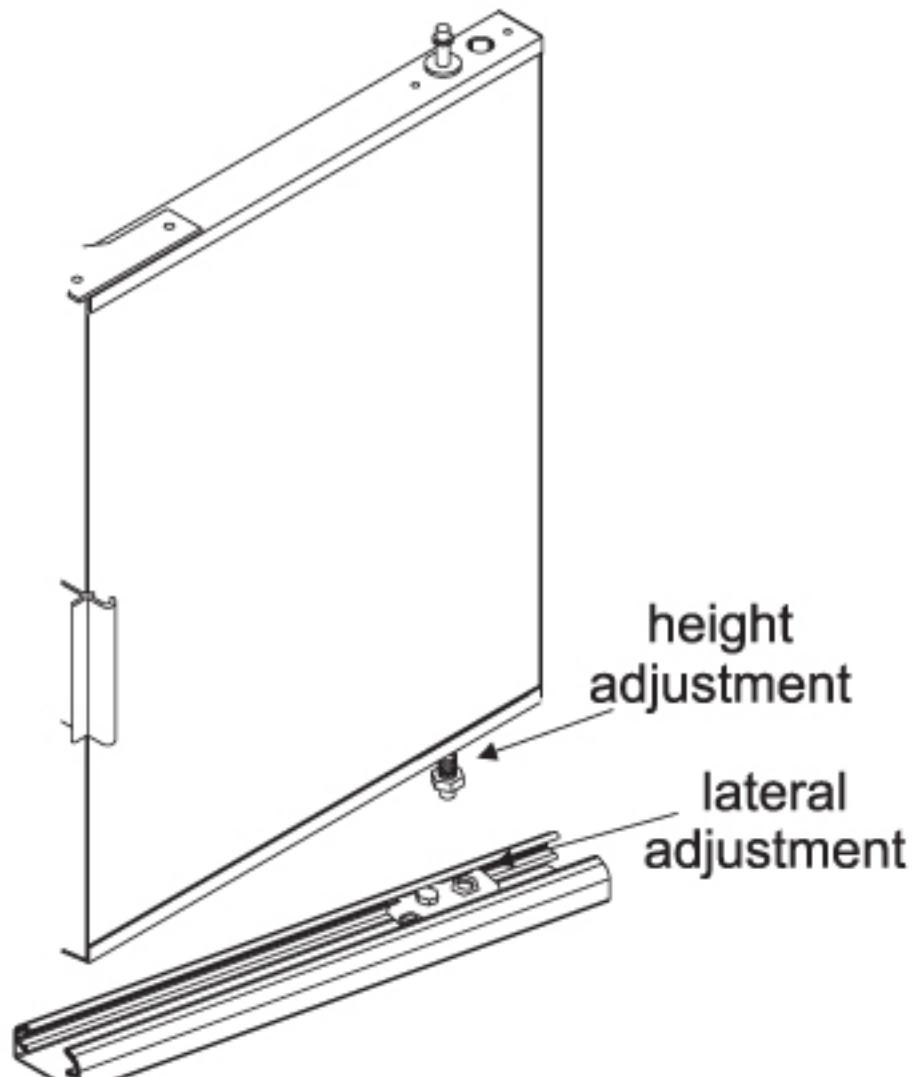
5. Attach Pull

Remove the plastic film from the stiles. If necessary, clean the stile with isopropyl rubbing alcohol (99%) where the pull is to be attached. Using double sided tape, attach the pull to the pivot door at the desired height [approximately 40" (1016mm)].



6. Final Adjustments

Both the top and bottom pivot brackets can be adjusted laterally. Height adjustment is achieved by lifting the door slightly and turning the bottom pivot.

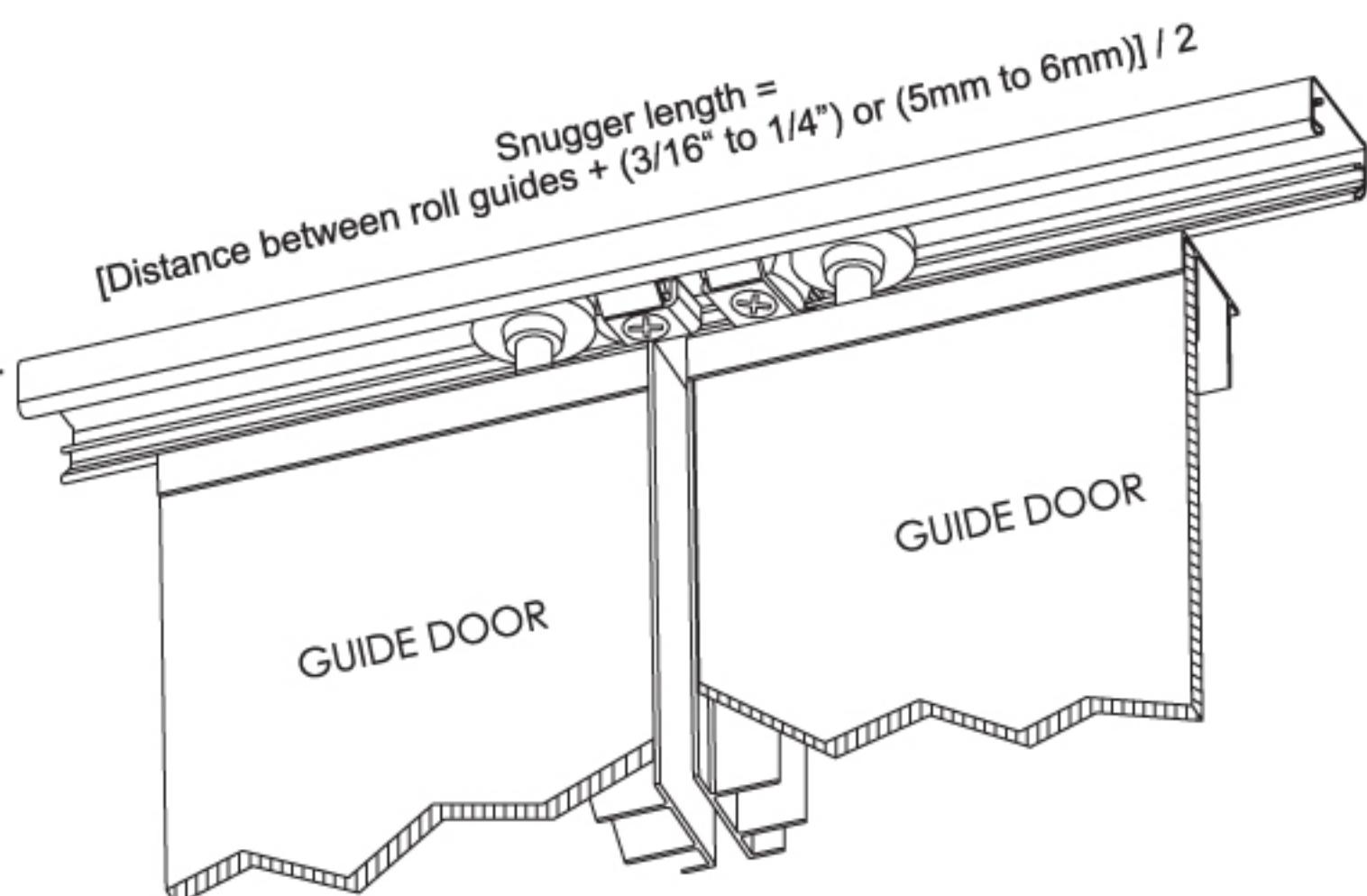


7. Cut Snugger to Fit Opening

For 1 Door

With scissors or a knife, cut the snugger to the length indicated on the diagram, then snap the snugger into the top track.

Note: The door shall close with a light snap.

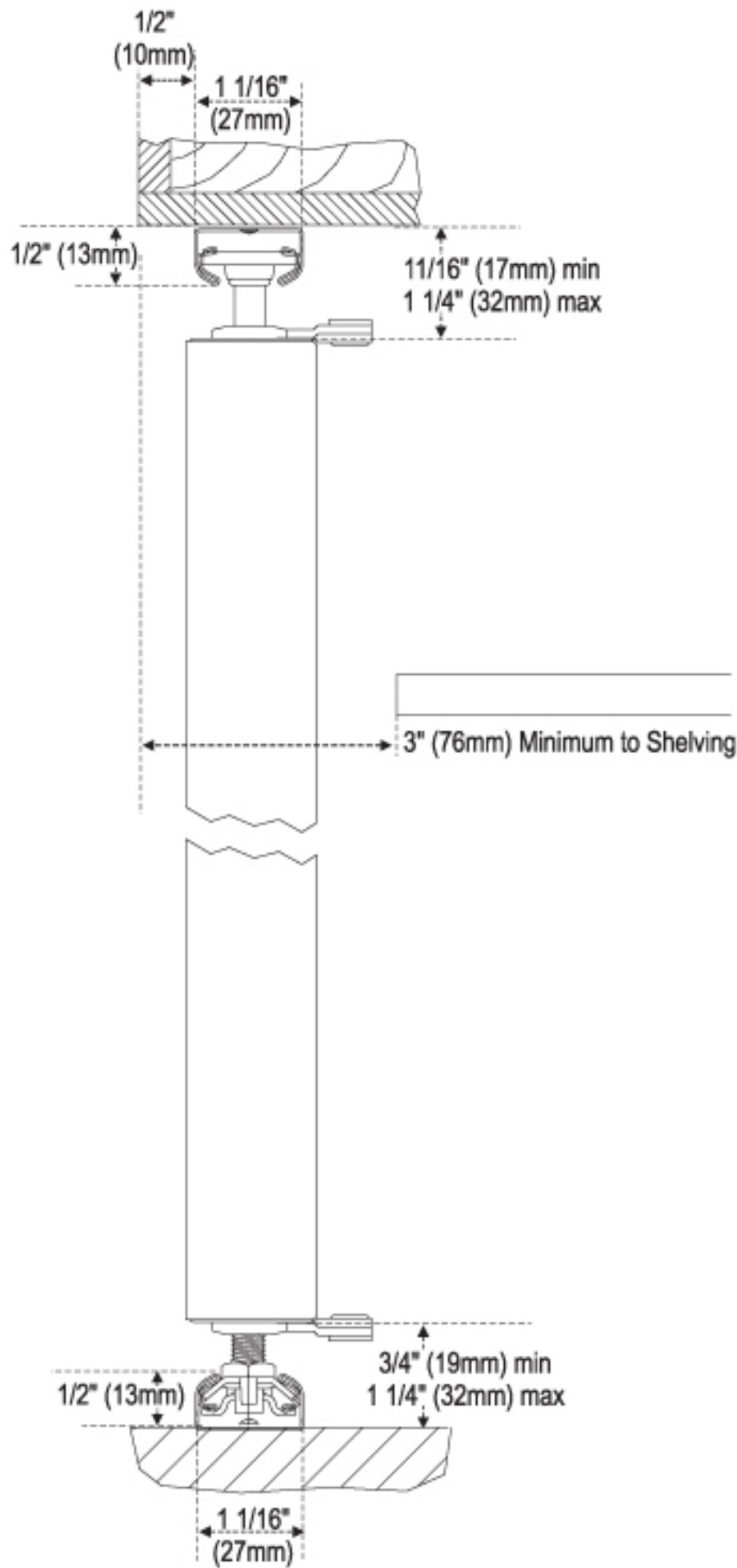


For 2 Doors

With scissors or a knife, cut the two snuggers the same length (see formula above) as per the diagram, then snap the snuggers into the top tracks.

Note: The door shall close with a light snap.

Cross-Sectional Layout of Installed Doors



SLIMFOLD PRODUCTS LIMITED LIFETIME WARRANTY

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This warranty bestows certain legal rights, and you may also have other rights which vary from state to state.

Mirror Dimensions:

Mirror Width =

[Opening width / 2] - 3/8" (10mm) - 2 panel door
[Opening width / 4] - 3/8" (10mm) - 4 panel door

Mirror Length =

Opening height - 2" (51mm)

Mirror Thickness =

Heights up to 7'0" - 3mm
Heights over 7'0" - 4mm

Note: All mirror must be used with safety backing conforming to local building code standards. Safety backing must reach the mirror edges. Mirror edges should be polished to prevent crack propagation after cutting.

CARING FOR YOUR SLIMFOLD DOOR KEEP TRACK FREE OF DIRT AND PAINT!

Steel Bifolds

Clean steel surface with a soft cloth using a mild detergent and water. Do not use harsh cleaners or abrasive.

Mirrors

- Clean mirror surface with clean, warm water or approved glass cleaner. Do not use any acid or alkali cleaners or cleaners with ammonia base. They will attack front surface, edges and backing of glass.
- Use a clean, soft cloth when cleaning to avoid scratching mirror surface.
- Never spray any cleaner directly on to the mirror. Apply to cloth first, then wipe mirror.
- Be sure to dry all edges thoroughly.



SLIMFOLD™

Closet Systems

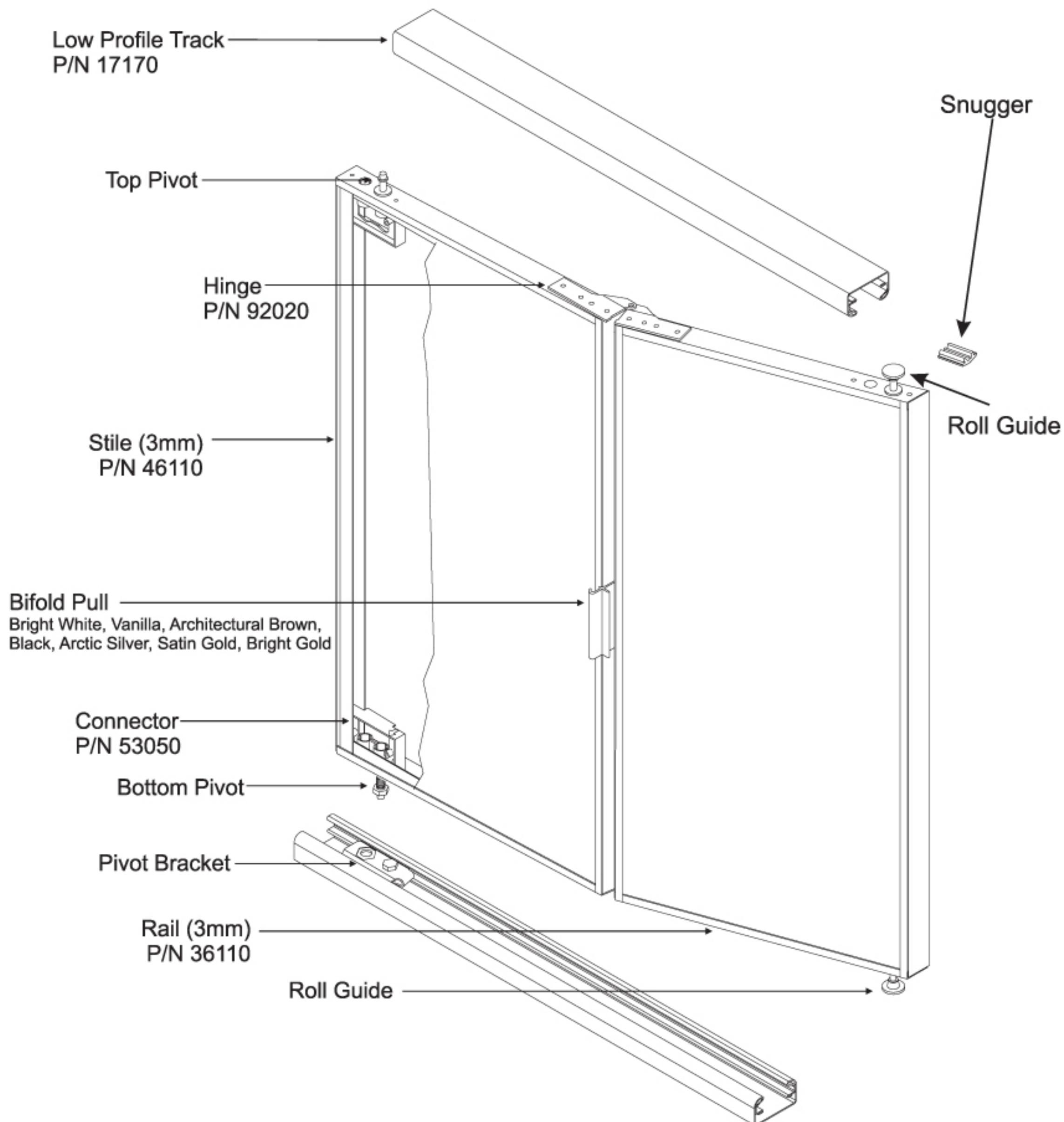
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P/N 82800273 SF 420 Rev. 11/07

5003 Series

Framed Aluminum Bifold Door System



INSTALLATION QUESTIONS OR MISSING PARTS? DO NOT RETURN THIS DOOR TO THE STORE!

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PARTS SCHEDULE

Track Hardware Bag PN 17170 (Installed in Track)
Snugger (2 per set, 1 per hand)
Roll Guide (2 per set, 1 per hand)
Pivot Bracket (2 per set, 1 per hand)
Hardware Bag PN 88760
Bifold Pull (1), Spring Pivot (3), Bottom Pivot (1), 1-1/2" Track Screw (5), Instruction Sheet (1)



SLIMFOLD™

Closet Systems

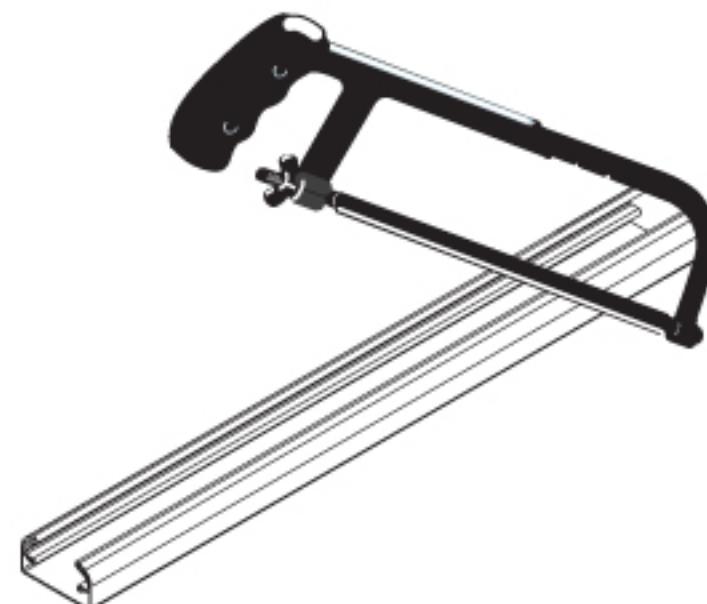
BEFORE YOU BEGIN

PLEASE FOLLOW ALL INSTRUCTIONS AND ALWAYS USE PROTECTIVE EYEWEAR WHEN INSTALLING A DOOR SYSTEM. PLEASE READ INSTRUCTIONS COMPLETELY.

INSTALLATION

1. Trim Tracks to Fit Opening

Using a fine tooth hacksaw, cut the top and bottom tracks $1/16"$ (2mm) less than the width of the opening if they do not fit.

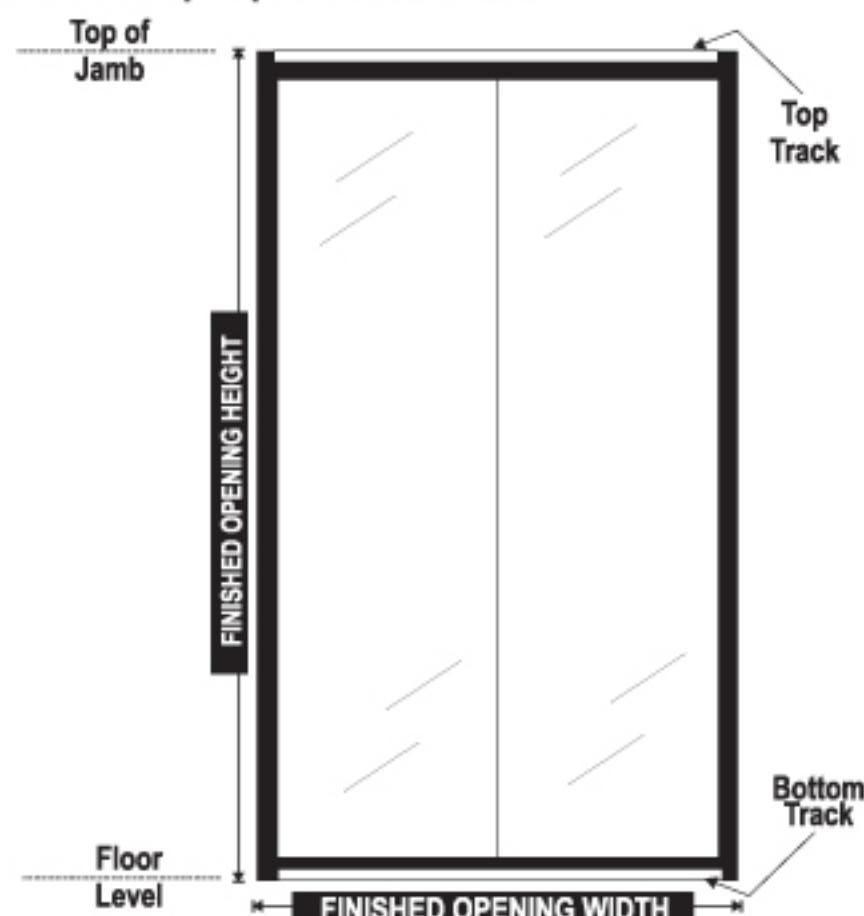


Assemble Tools

Safety Glasses	Level
Phillips head screwdriver	Tape Measure
Straight edge screwdriver	Power drill or screw gun (3/16" bit)

Measure Opening

Measure the Finished Opening Size; refer to Specifications below to insure proper door size.



HEIGHT: These bifold doors are sized to fit standard opening sizes. They will operate properly, however, where height is $7/16"$ over or $5/16"$ under the nominal height.

WIDTH: Doors are sized for standard openings. The opening may be up to $1/4"$ over for two doors and $1/2"$ over for four doors.

MIRRORS: 3mm float plate glass mirror, safety backed to conform with Uniform Building Code Standard 23-2, Part II. Safety mirror 400 lb. ft. Impact test ANSI Z-97.1 1984 boil and impact test. 4mm float plate glass mirror for heights greater than 7'0".

STANDARD SIZES—TWO PANEL UNITS					
Size	Door Width	FINISHED OPENING WIDTH	FIN. OPNG HEIGHTS		
			6'8" Units	8'0" Units	
2'0" (610)	23-1/2" (597)	24" (610)	80-1/2" (2045)	96" (2438)	
2'6" (762)	29-1/2" (749)	30" (762)			
3'0" (914)	35-1/2" (902)	36" (914)			

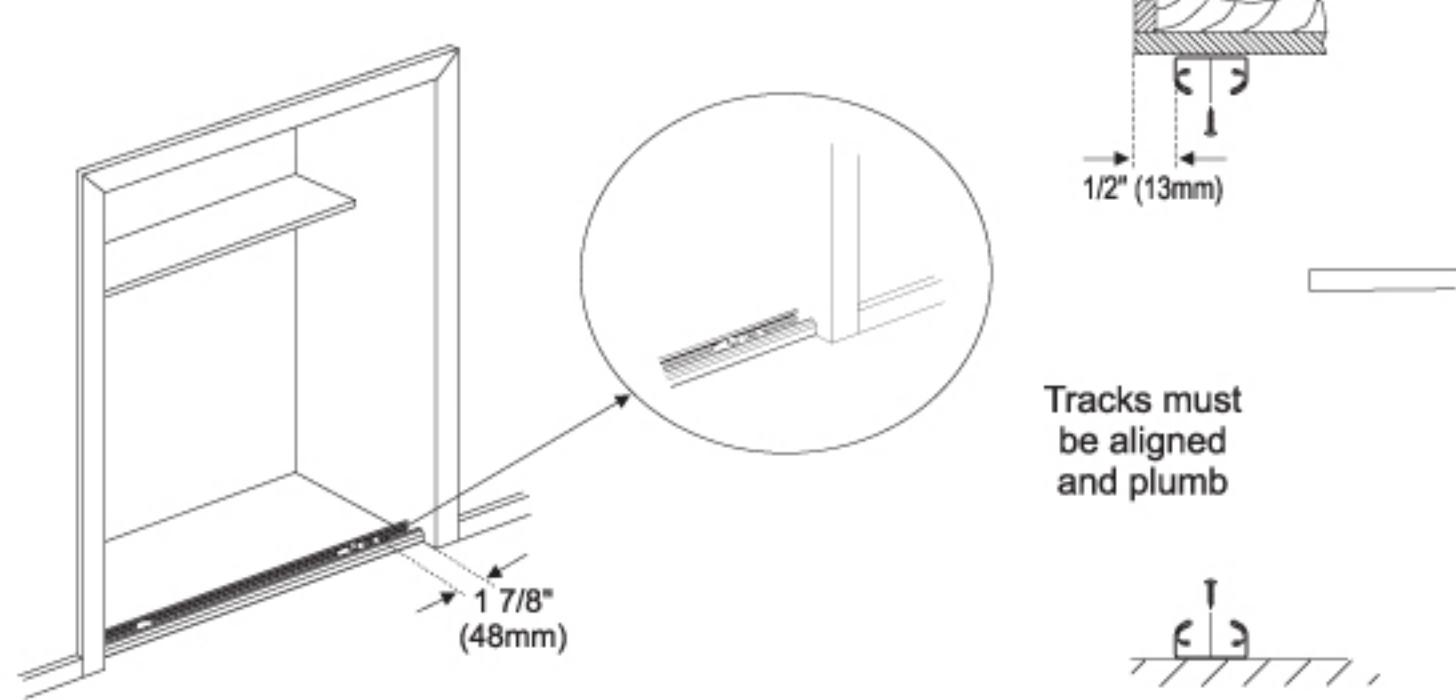
STANDARD SIZES—FOUR PANEL UNITS					
Size	Door Width	FINISHED OPENING WIDTH	FIN. OPNG HEIGHTS		
			6'8" Units	8'0" Units	
4'0" (1219)	47" (1194)	48" (1219)	80-1/2" (2045)	96" (2438)	
5'0" (1524)	59" (1499)	60" (1524)			
6'0" (1829)	71" (1803)	72" (1829)			

Finished Opening Width Tolerance +1/4"/-0 (+6/-0)

All increments shown in (parenthesis) are metric (millimeter) unless otherwise indicated. Non-standard sizes available; check with your dealer for sizes and availability.

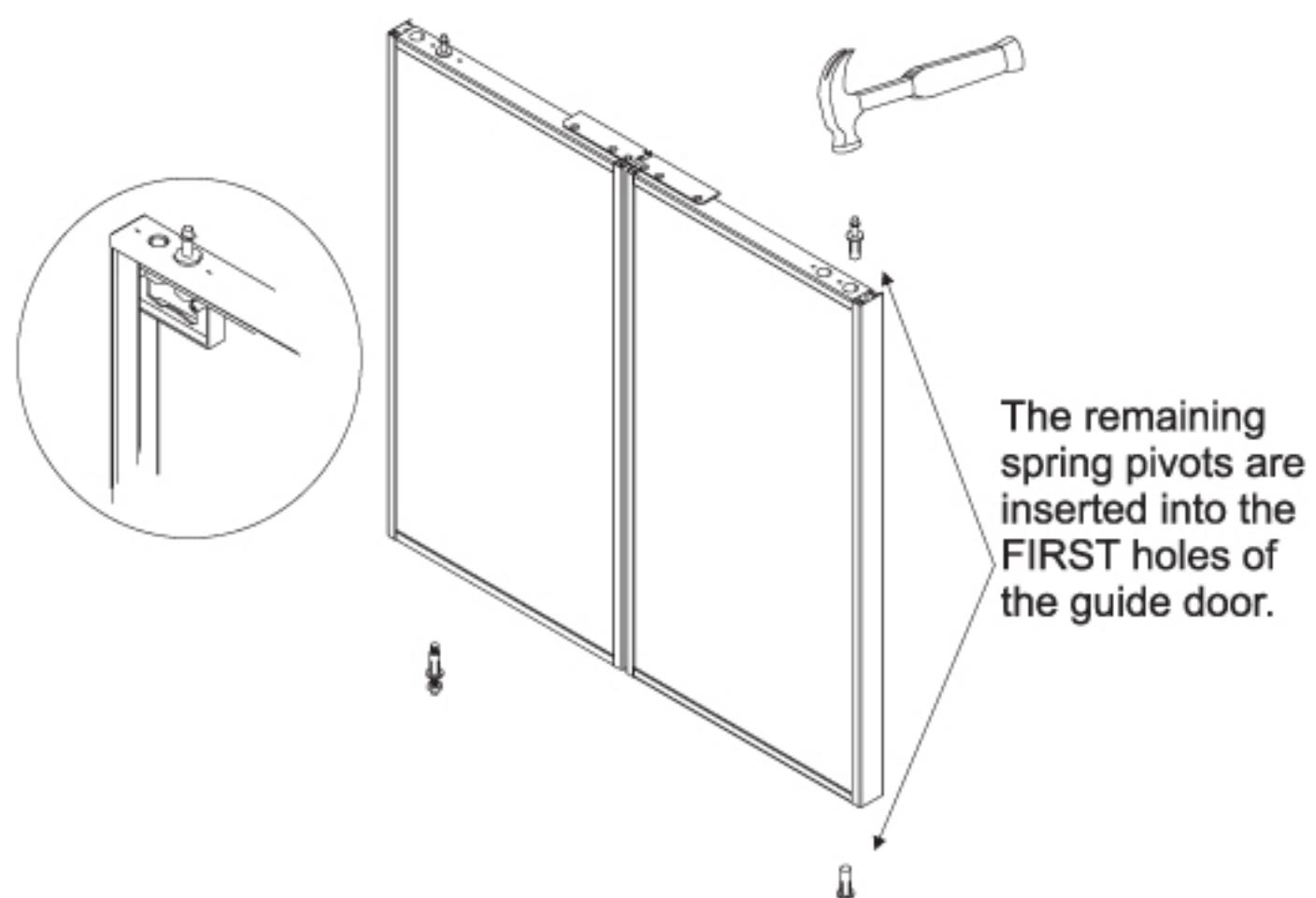
2. Install Top and Bottom Tracks

Screw tracks in at a minimum of $1/2"$ (13mm) in from the jamb face. This will ensure that the door does not protrude from the opening when it is closed. Be sure that the pivot brackets [$1 7/8"$ (48mm) from the wall] and roll guide have been installed in the tracks prior to installation.



3. Insert Pivots

A spring pivot is inserted into the SECOND hole at the top of the pivot door. The bottom pivot is used for the height adjustment and must be inserted into the SECOND hole at the bottom of the pivot door.



4. Install Doors

Insert the spring pivot on the top of the pivot door into the pivot bracket. Then place the bottom pivot into the bracket of the bottom track.

Note:

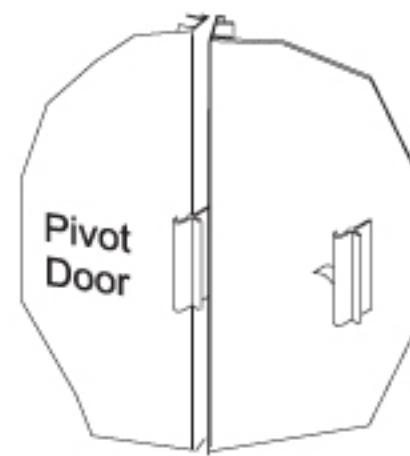
For heavier doors you may prefer to insert the bottom pivot first.



Close the door so that it is slightly ajar. Then depress the pivots in the guide door and snap the pins into the

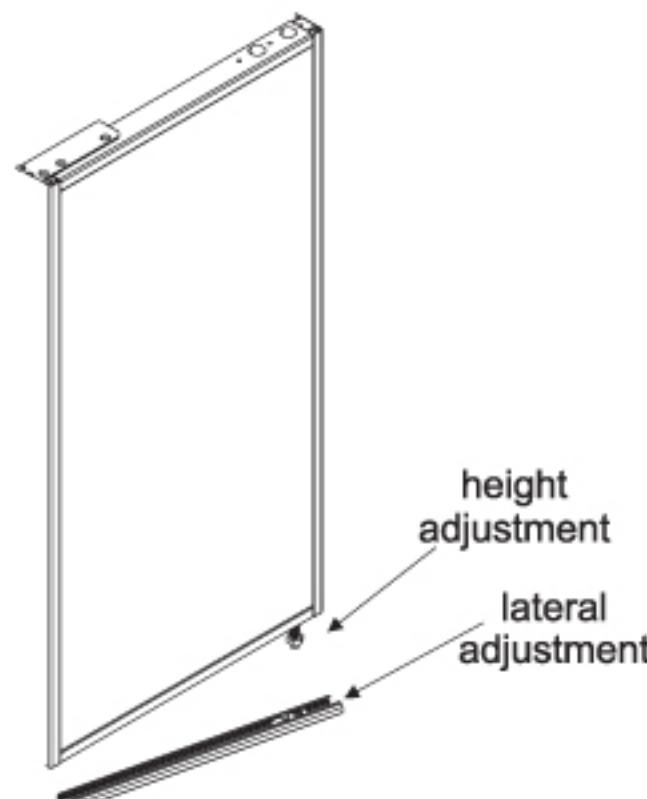
5. Attach Pull

Remove the plastic film from the stiles. If necessary, clean the stile with isopropyl rubbing alcohol (99%) where the pull is to be attached. Using double sided tape, attach the pull to the pivot door at the desired height [approximately 40" (1016mm)].



6. Final Adjustments

Both the top and bottom pivot brackets can be adjusted laterally. Height adjustment is achieved by lifting the door slightly and turning the bottom pivot.

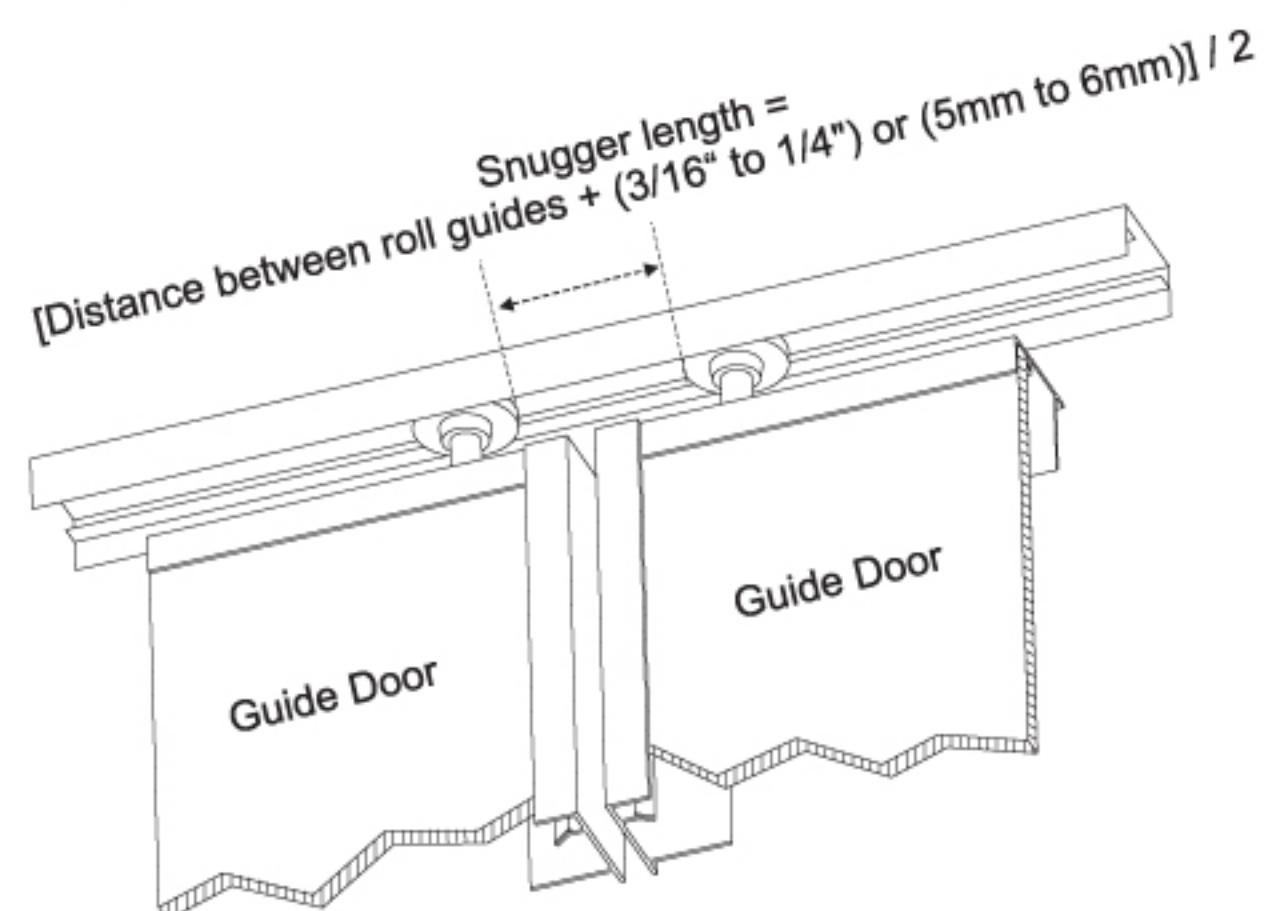
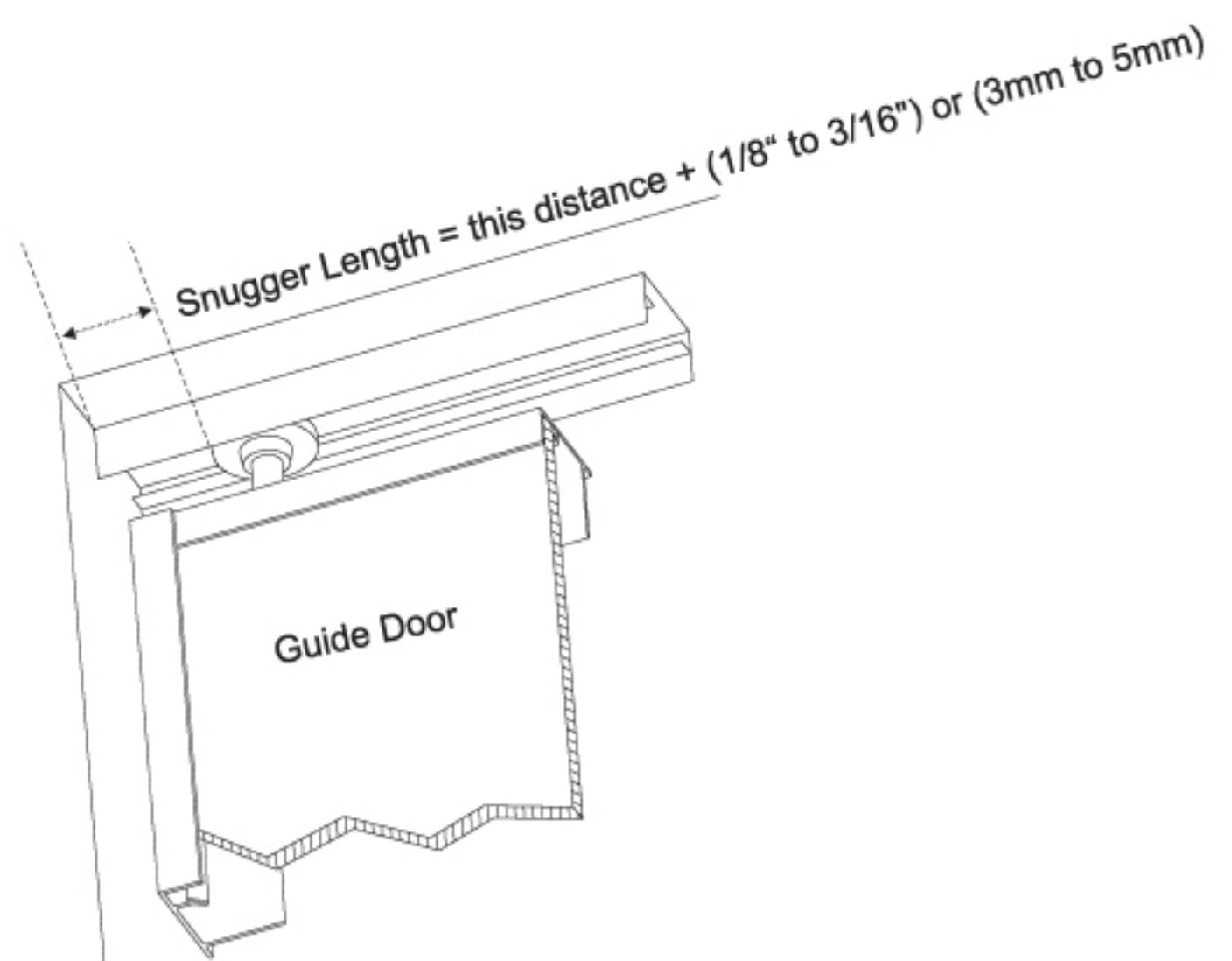


7. Cut Snugger to Fit Opening

For 1 Door

With scissors or a knife, cut the snugger to the length indicated on the diagram, then snap the snugger into the top track.

Note: The door shall close with a light snap.

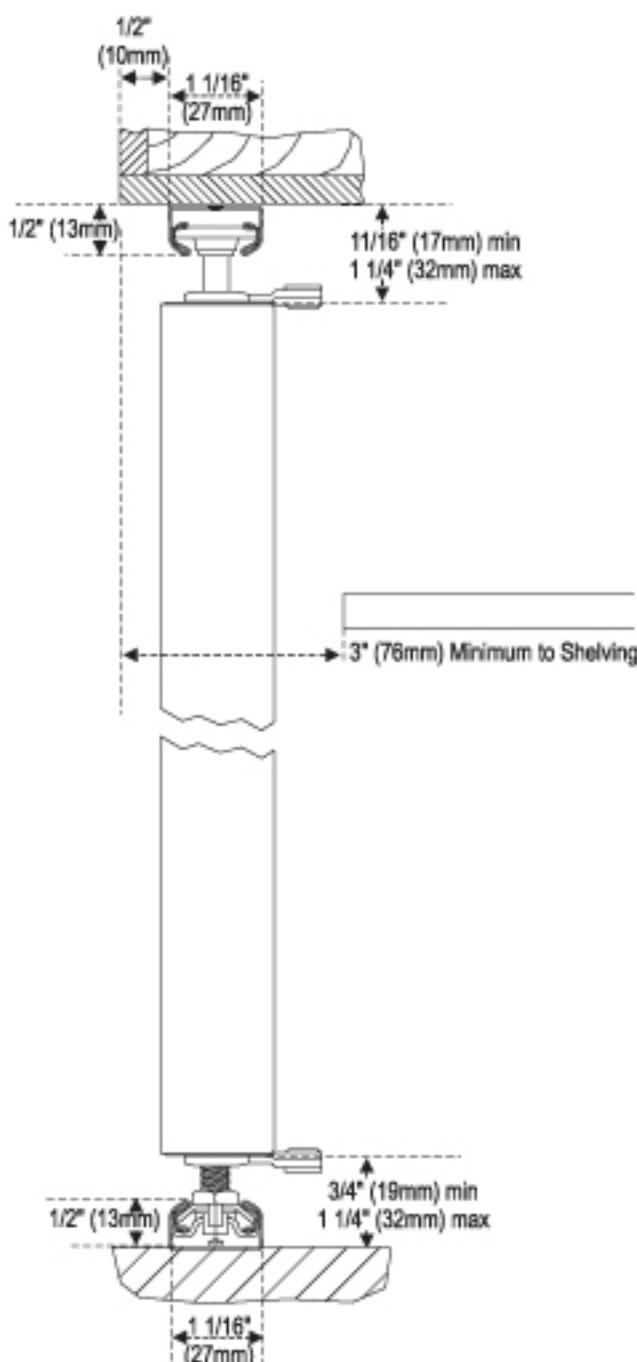


For 2 Doors

With scissors or a knife, cut the two snuggers the same length (see formula above) as per the diagram, then snap the snuggers into the top tracks.

Note: The door shall close with a light snap.

Cross-Sectional Layout of Installed Doors



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Mirror Dimensions:

Mirror Width =

[Opening width / 2] - 3/8" (10mm) - 2 panel door

[Opening width / 4] - 3/8" (10mm) - 4 panel door

Mirror Length =

Opening height - 2" (51mm)

Mirror Thickness =

Heights up to 7'0" - 3mm

Heights over 7'0" - 4mm

Note: All mirror must be used with safety backing conforming to local building code standards. Safety backing must reach the mirror edges. Mirror edges should be polished to prevent crack propagation after cutting.

CARING FOR YOUR SLIMFOLD DOOR KEEP TRACK FREE OF DIRT AND PAINT!

Steel Bifolds

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Mirrors

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- Use a clean, soft cloth when cleaning to avoid scratching mirror surface.
- Never spray any cleaner directly on to the mirror. Apply to cloth first, then wipe mirror.
- Be sure to dry all edges thoroughly.

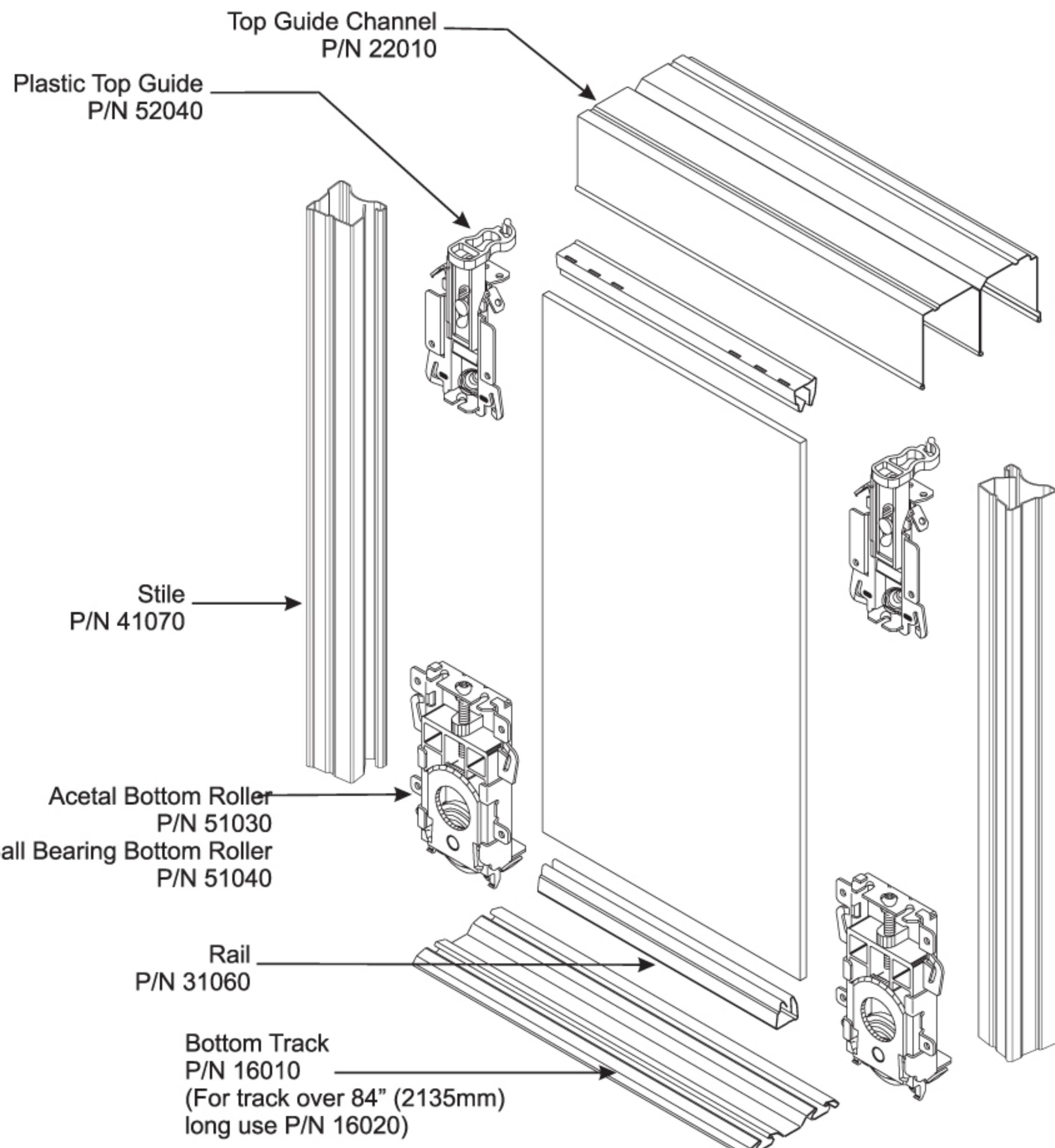


SLIMFOLD™

Closet Systems

2020 Series

Bottom Roll Framed Steel Sliding Door System



INSTALLATION QUESTIONS OR MISSING PARTS? DO NOT RETURN THIS DOOR TO THE STORE!

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SLIMFOLD™

Closet Systems

The ORIGINAL Pre-Finished, Fire-Rated Steel Door Frame

Rediframe has dedicated itself to quality workmanship and long-term customer satisfaction by producing the finest prefinished steel door frames. Rediframe's unique, strong-as-the-wall design is available in fixed (Rediframe) and adjustable (Rediflex) designs.

Installation

The success of Rediframe lies in the ease of installation, saving time and money. **Rediframe is pre-finished, so installation occurs AFTER the wall is finished. Rediframe's Certified Installers Program develops trained, experienced installers to assure a worry-free project.**

Innovation

Rediframe's continuing innovation has produced an adjustable strike, a patented casing corner bracket to hold miters tight and true, and the Universal Hinge Prep, S56 safety guard emboss, 4-1/2" extra heavy hinge prep (.180), and an ABH 1000 / GJ100 series concealed overhead holder and stop.

Security*

Rediframe is designed to sleeve the wall, becoming an integral part of the wall system. In comparative impact testing 18 ga. Rediframe withstood 850 impacts, over 500 more than hollow metal. The difference is the anchoring system. Not only does Rediframe sleeve the wall, but it anchors to the wall using at least 30 fasteners. Hollow metal anchors to the wall from the frame throat using only 8 anchors that hold the frame away from the inherent strength of the wall.

Durability*

Rediframe carries a **Certification of Level A 1,000,000 cycles (ANSI 250.5-1994)**.

Testing

Rediframe pledges to stay ahead of the field when it comes to fire ratings. We have taken the initiative to pass the most stringent and difficult tests to acquire the Warnock Hersey standard in **both neutral (UL 10B) and positive (UL 10C) pressure fire ratings**.

Delivery

Rediframe delivers a 3-week lead time for standard or custom colors (custom colors after approval of paint chip). The best in the industry!

*Test results available upon request.



Rediframe Fixed Frame

18 or 20 Gauge Steel

Rediframe is a prefinished fixed throat steel door frame designed for interior and exterior applications where the strength of a steel door frame is desired. Especially suited for new construction and light commercial applications: hotel/motel, assisted living, or residential.

- 1-3/8" and 1-3/4" doors
- 17 Standard wall sizes
- Over 70 custom profiles available, from 2-5/8" to 13"
- 5/8" stop height
- Demountable without damage to the finished wall, door or frame
- Standard frame is cold-rolled steel per ASTM A366
- Standard casing is 22-gauge cold-rolled steel per ASTM A366.
- 3-1/2", 4" and 4-1/2" hinge preps
- 2-3/4" T-strike prep
- Embossed 90 minute neutral and positive pressure fire label; wood or steel stud.

Options

- S56 Steel Colonial casing, aluminum casing, or wood casing prep.
- Galvanized Standard Casing (A-40)
- Galvanized Frame (A-40)
- Cased opening, Dutch, single swing, communicating and pair doors, pocket, borrowed lites, transom and sidelites.
- Special hinge or strike location
- Non-standard wall size
- Universal Hinge Prep (no charge)
- 4-7/8" Adjustable ASA strike prep (no charge)
- 2-3/4" Deadbolt strike (1-3/4" doors)
- 2-1/4" Full lip strike (1-3/4" doors)

Kerf Rediframe Fixed Frame for Weatherstripping

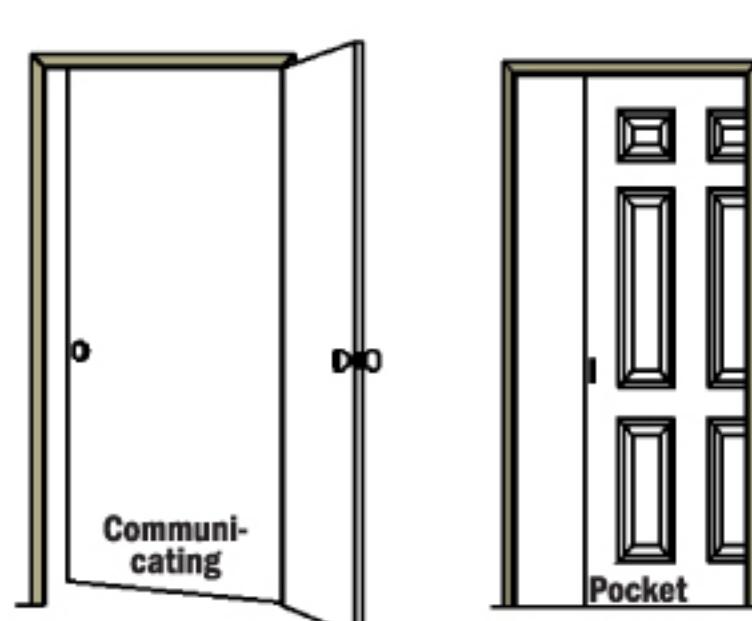
18 or 20 Gauge Steel

Kerf profile option for Rediframe is a fixed throat steel door frame designed for interior and exterior applications where the strength of a steel door frame is desired. Especially suited for new construction and light commercial applications: hotel/motel, assisted living, or residential.

- 1-3/4" doors only
- 12 Standard wall sizes
- Over 60 custom profiles available, ranging from 4" to 13"
- 5/8" stop height
- Demountable without damage to the finished wall, door or frame
- Standard frame is cold-rolled steel per ASTM A366
- Standard casing is 22-gauge cold-rolled steel per ASTM A366.
- 4" and 4-1/2" hinge preps
- 2-3/4" T-strike prep
- Embossed 90 minute neutral and positive pressure fire label; wood or steel stud.

Options

- S56 Steel Colonial casing, aluminum casing, or wood casing prep.
- Galvanized Standard Casing (A-40)
- Galvanized Frame (A-40)
- Special hinge or strike location
- Non-standard wall size
- Universal Hinge Prep (no charge)
- 4-7/8" adjustable ASA strike prep (no charge)
- 2-3/4" Deadbolt strike (1-3/4" doors)
- 2-1/4" Full lip strike (1-3/4" doors)



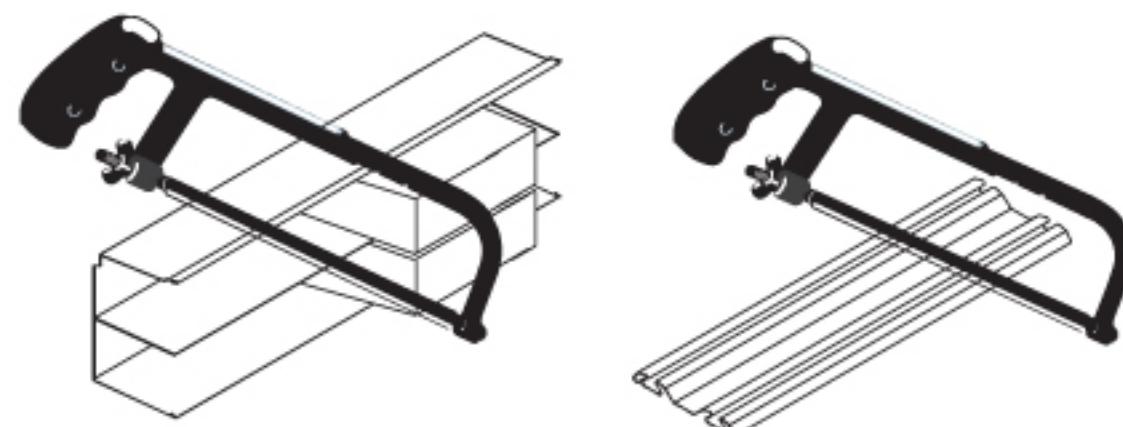
BEFORE YOU BEGIN

PLEASE FOLLOW ALL INSTRUCTIONS AND ALWAYS USE PROTECTIVE EYEWEAR WHEN INSTALLING A DOOR SYSTEM. PLEASE READ INSTRUCTIONS COMPLETELY.

INSTALLATION

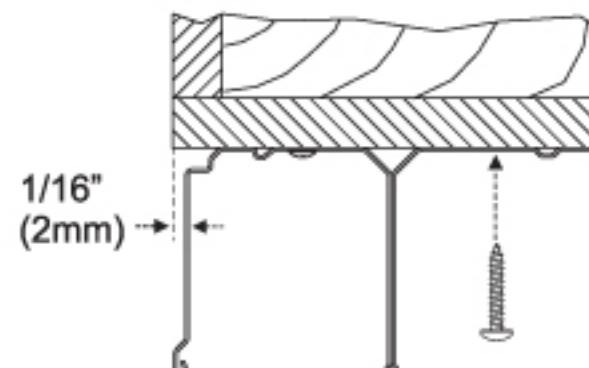
1. Trim Track to Fit Opening

Using a fine tooth hacksaw, cut the Top Guide Channel and Bottom Track 1/16" (2mm) shorter than the opening width. Insert 2x4 (51x102mm) wood blocks into channel for support.



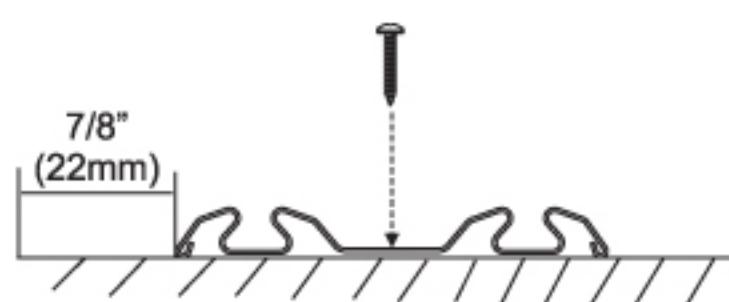
2. Attach Top Guide Channel

Screw Top Guide Channel into the header of your opening locating the front edge 1/16" (2mm) back from the jamb face as shown. Avoid using excessive force when screwing into header as this could deform the Top Guide



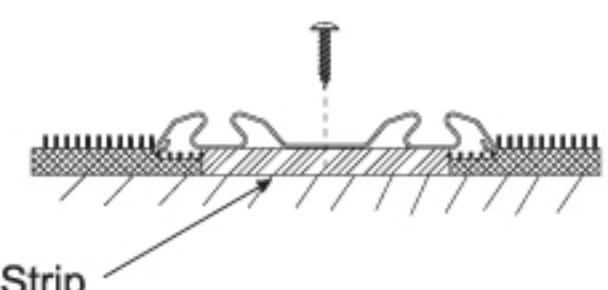
3. Attach Bottom Track

Locate the leading edge of the floor track 7/8" (22mm) back from the front face of the jamb so doors will hang plumb.



Note:

For installation over carpet it is recommended to cut the carpet and shim the track with wood strips.



Specifications STANDARD SIZES—TWO PANEL UNITS

Size	Door Width	FINISHED OPENING WIDTH	FIN. OPNG HEIGHTS	
			6'8" Units	8'0" Units
4'0" (1219)	24-5/8" (626)	48" (1219)	80-1/2" (2045)	96" (2438)
5'0" (1524)	30-5/8" (778)	60" (1524)	+1"-3" (+2.54/-7.62)	
6'0" (1829)	36-5/8" (930)	72" (1829)		
8'0" (2438)	48-5/8" (1235)	962" (2438)		

STANDARD SIZES—THREE PANEL UNITS

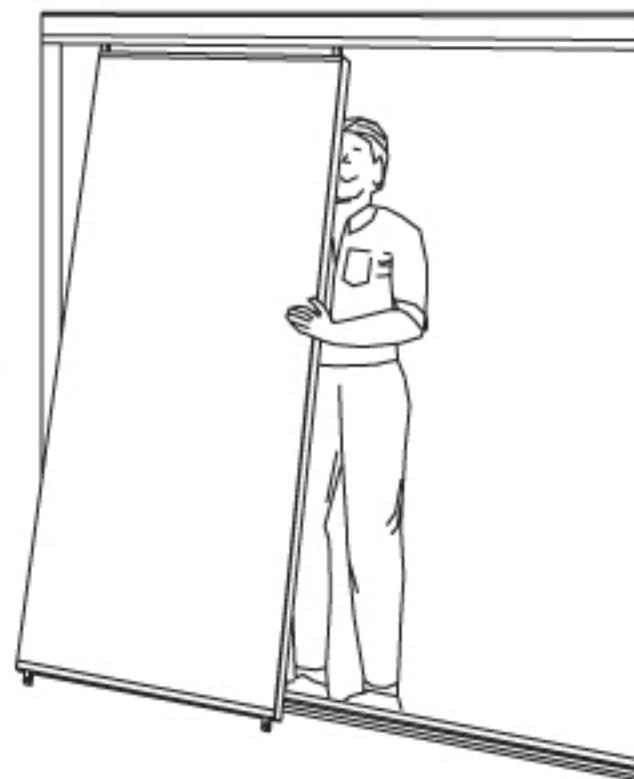
Size	Door Width	FINISHED OPENING WIDTH	FIN. OPNG HEIGHTS	
			6'8" Units	8'0" Units
9'0" (2743)	36-5/8" (930)	108" (2743)	80-1/2" (2045)	96" (2438)
12'0" (3658)	48-5/8" (1235)	144" (3658)		

Finished Opening Width Tolerance +1/2"/-2" (+12.7/-50.8)

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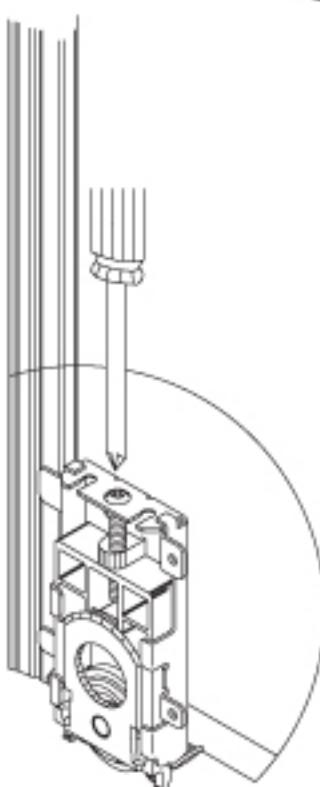
4. Install Doors

Tilt the door as shown, and insert the top guides into the rear channel. Insert the bottom rollers into the rear groove of the bottom track. To prevent scratching, place two pieces of wood or cardboard over the bottom track. Repeat with the second door, using the front channel and groove.

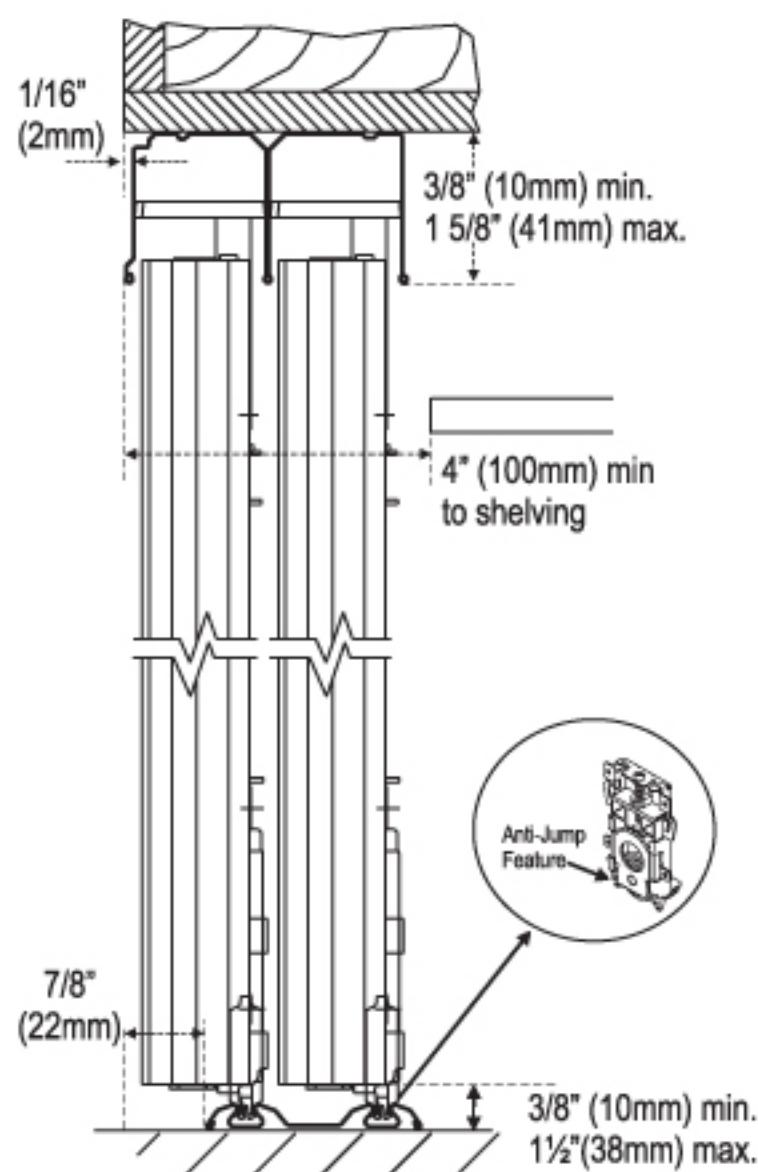


5. Adjust Doors

For vertical adjustment of each door use a star screwdriver on the bottom rollers as shown.



**Cross-Sectional Layout
of Installed Doors**



Mirror Dimensions:

Mirror Width =
Opening width + 1" (25mm) per overlap] / [# of doors]

Mirror Length =
Opening height - 2 5/8" (67mm)

Mirror Thickness =
Heights up to 7'0" - 3mm
Heights over 7'0" - 4mm

Note: All mirror must be used with safety backing conforming to local building code standards. Safety backing must reach the mirror edges. Mirror edges should be polished to prevent crack propagation after cutting.

SLIMFOLD PRODUCTS LIMITED LIFETIME WARRANTY

Slimfold Products Division warrants to the purchaser that its products, when utilized for interior door use, will be free from defects in materials and workmanship for the life of the product. Slimfold Products manufactured with galvanized steel are additionally warranted against rusting for a period of one (1) year from the date of purchase, provided the finish has not been cut or abraded through the metal. Galvanized steel should be used where air has a high salt content or in locations with high humidity.

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**Slimfold Products Division
PO Box 8577
Dothan, AL 36304-0577**

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CARING FOR YOUR SLIMFOLD DOOR

KEEP TRACK FREE OF DIRT AND PAINT!

Steel Bifolds

Clean steel surface with a soft cloth using a mild detergent and water. Do not use harsh cleaners or abrasive.

Mirrors

- Clean mirror surface with clean, warm water or approved glass cleaner. Do not use any acid or alkali cleaners or cleaners with ammonia base. They will attack front surface, edges and backing of glass.
- Use a clean, soft cloth when cleaning to avoid scratching mirror surface.
- Never spray any cleaner directly on to the mirror. Apply to cloth first, then wipe mirror.
- Be sure to dry all edges thoroughly.



SLIMFOLD™

Closet Systems

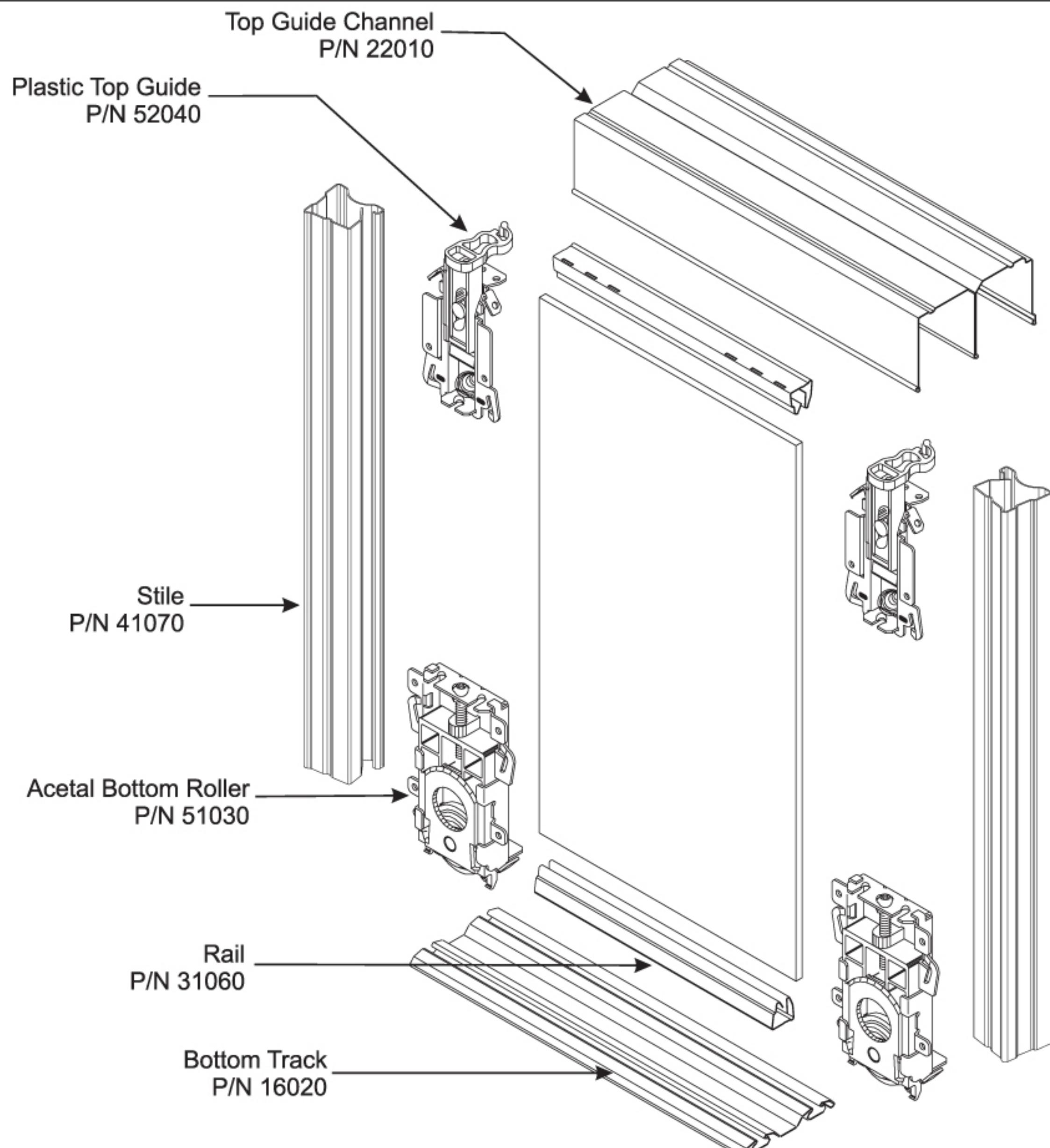
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www.dunbarton.com
[email: slimfold@dunbarton.com](mailto:slimfold@dunbarton.com)

P/N 82805256 SF 424 Rev. 12/08

7023 Series

Bottom Roll Framed Aluminum Sliding Door System



**INSTALLATION QUESTIONS OR MISSING PARTS? DO NOT RETURN THIS
DOOR TO THE STORE!**

Thank you for purchasing this Slimfold product. We take pride in the products we manufacture and are confident you will be pleased with your selection. However, sometimes a product may leave our factory in less than perfect condition. If you have questions or are missing component parts necessary to complete the installation, **do not return the door to the place of purchase**. Give us a call first. More than likely, we can solve the problem without the hassle and expense of returning the door to the store. Call Customer Service: 1-800-633-7553 from 8:00 a.m. to 5:00 p.m. CST, Monday through Friday.



SLIMFOLD™

Closet Systems

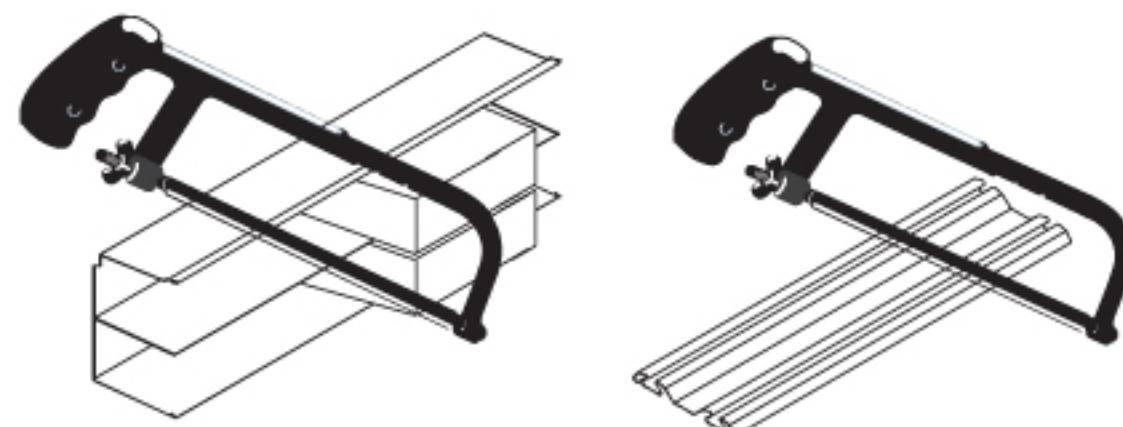
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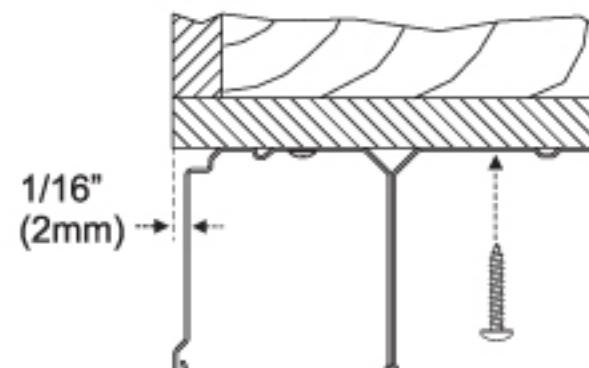
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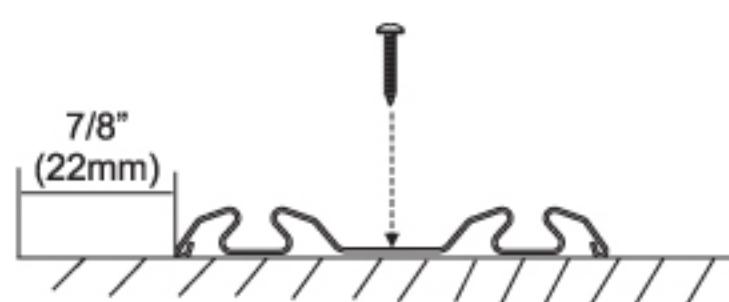
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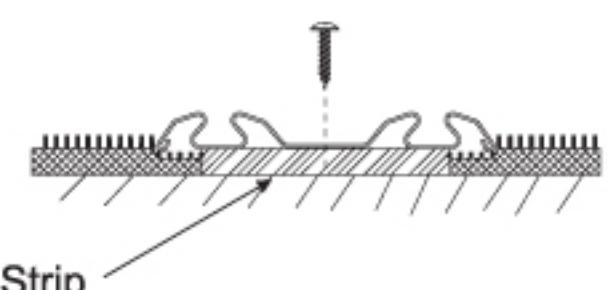
3. Attach Bottom Track

Locate the leading edge of the floor track 7/8" (22mm) back from the front face of the jamb so doors will hang plumb.



Note:

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Size	Door Width	FINISHED OPENING WIDTH	FIN. OPNG HEIGHTS	
			6'8" Units	8'0" Units
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STANDARD SIZES—THREE PANEL UNITS

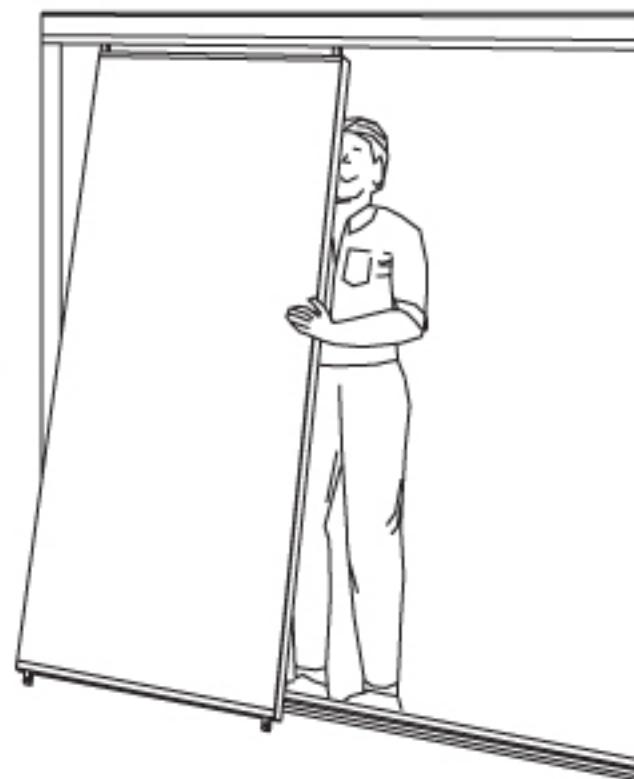
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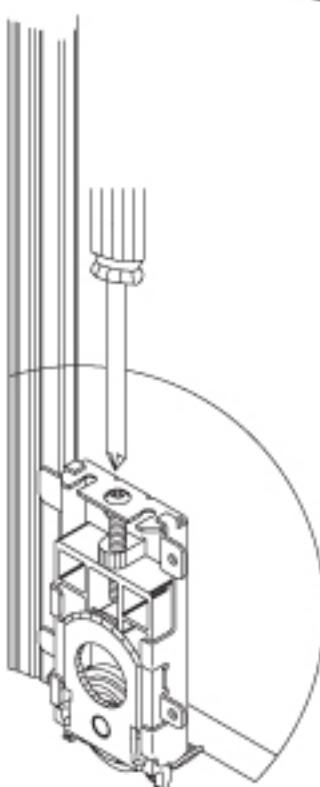
4. Install Doors

Tilt the door as shown, and insert the top guides into the rear channel. Insert the bottom rollers into the rear groove of the bottom track. To prevent scratching, place two pieces of wood or cardboard over the bottom track. Repeat with the second door, using the front channel and groove.

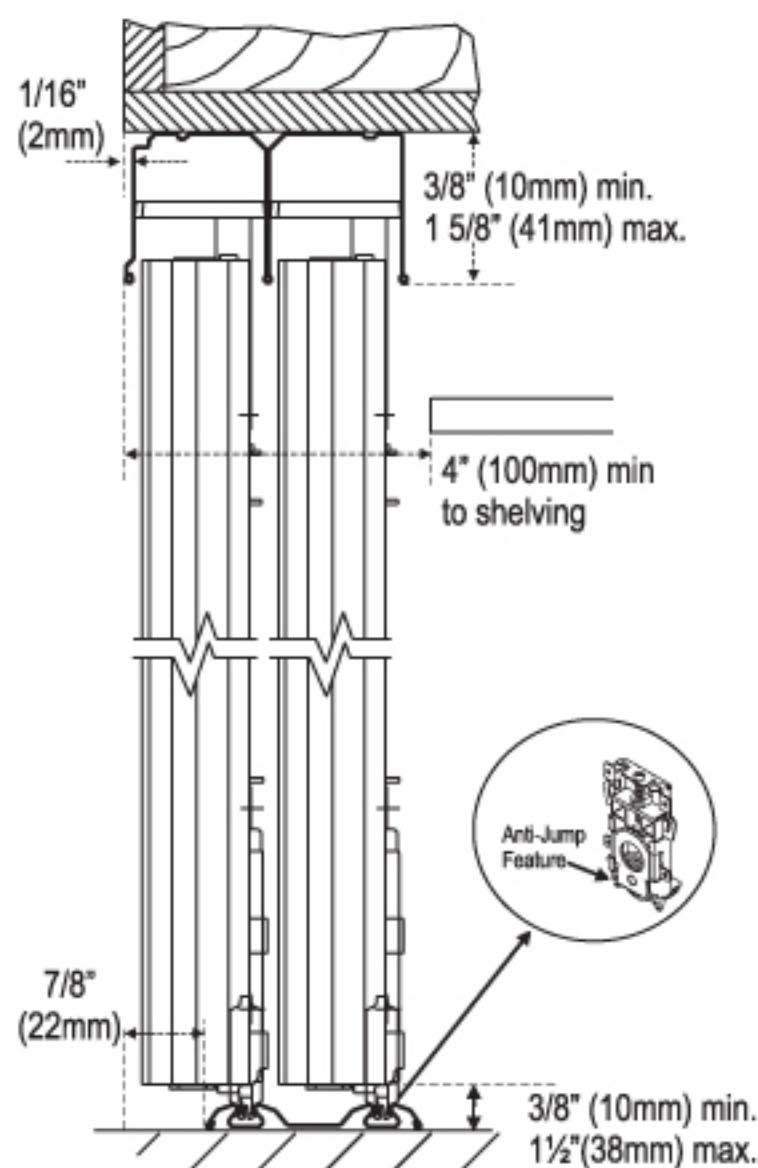


5. Adjust Doors

For vertical adjustment of each door use a star screwdriver on the bottom rollers as shown.



**Cross-Sectional Layout
of Installed Doors**



Mirror Dimensions:

Mirror Width =
Opening width + 1" (25mm) per overlap] / [# of doors]

Mirror Length =
Opening height - 2 5/8" (67mm)

Mirror Thickness =
Heights up to 7'0" - 3mm
Heights over 7'0" - 4mm

Note: All mirror must be used with safety backing conforming to local building code standards. Safety backing must reach the mirror edges. Mirror edges should be polished to prevent crack propagation after cutting.

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PO Box 8577
Dothan, AL 36304-0577**

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CARING FOR YOUR SLIMFOLD DOOR

KEEP TRACK FREE OF DIRT AND PAINT!

Steel Bifolds

Clean steel surface with a soft cloth using a mild detergent and water. Do not use harsh cleaners or abrasive.

Mirrors

- Clean mirror surface with clean, warm water or approved glass cleaner. Do not use any acid or alkali cleaners or cleaners with ammonia base. They will attack front surface, edges and backing of glass.
- Use a clean, soft cloth when cleaning to avoid scratching mirror surface.
- Never spray any cleaner directly on to the mirror. Apply to cloth first, then wipe mirror.
- Be sure to dry all edges thoroughly.



SLIMFOLD™

Closet Systems

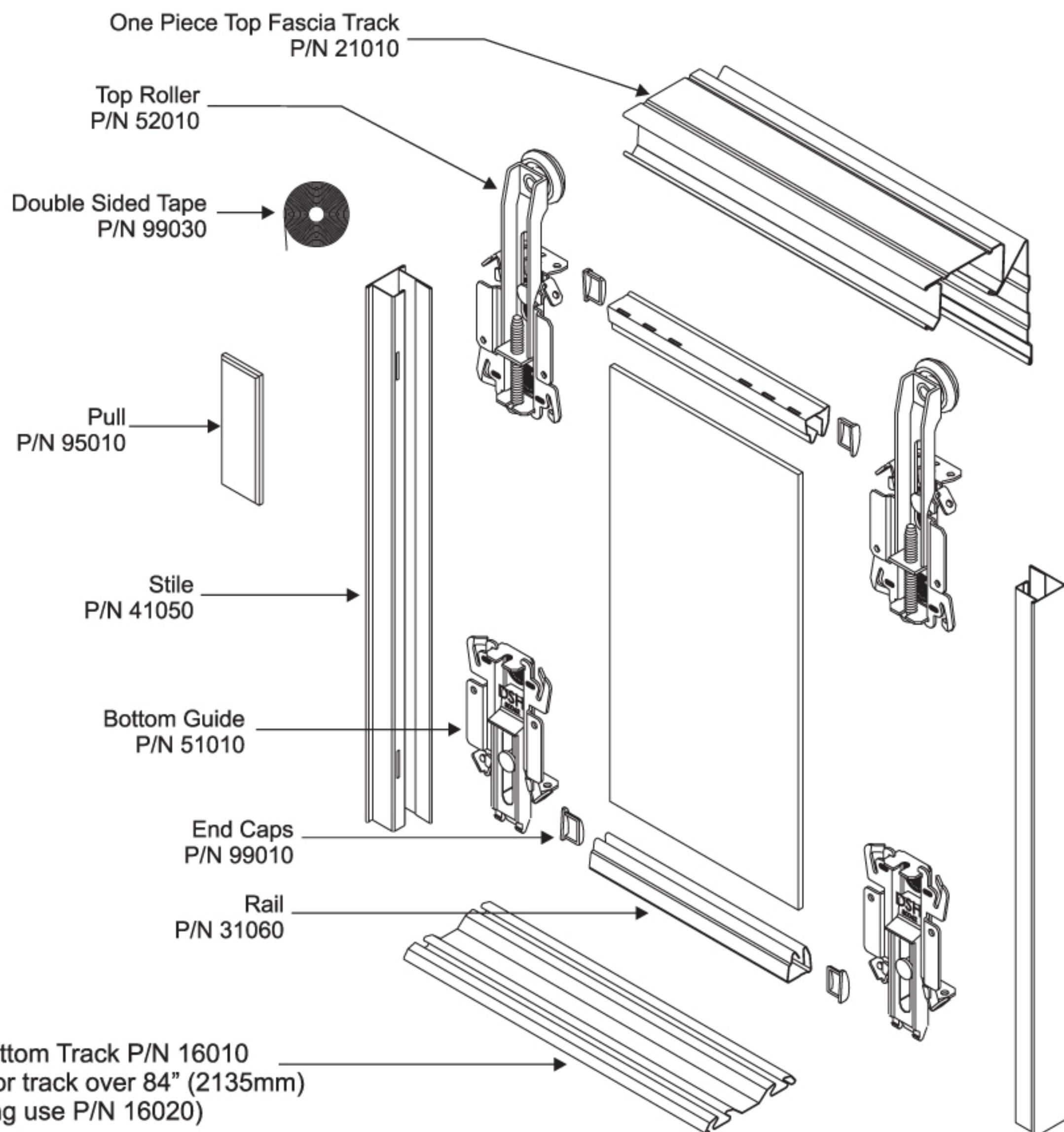
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[email: slimfold@dunbarton.com](mailto:slimfold@dunbarton.com)

P/N 82800254 SF 426 Rev. 10/08

2007 Series

Top Roll Frameless Steel Sliding Door System



INSTALLATION QUESTIONS OR MISSING PARTS? DO NOT RETURN THIS DOOR TO THE STORE!

Thank you for purchasing this Slimfold product. We take pride in the products we manufacture and are confident you will be pleased with your selection. However, sometimes a product may leave our factory in less than perfect condition. If you have questions or are missing component parts necessary to complete the installation, **do not return the door to the place of purchase**. Give us a call first. More than likely, we can solve the problem without the hassle and expense of returning the door to the store.
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SLIMFOLD™

Closet Systems

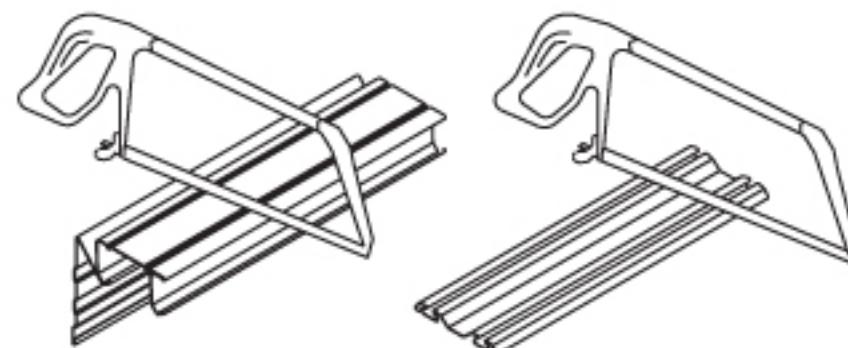
BEFORE YOU BEGIN

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PLEASE READ INSTRUCTIONS COMPLETELY.

INSTALLATION

1. Trim Track to Fit Opening

Using a fine tooth hacksaw, cut the Fascia Track and Bottom Track $1/16"$ (2mm) shorter than the opening width.



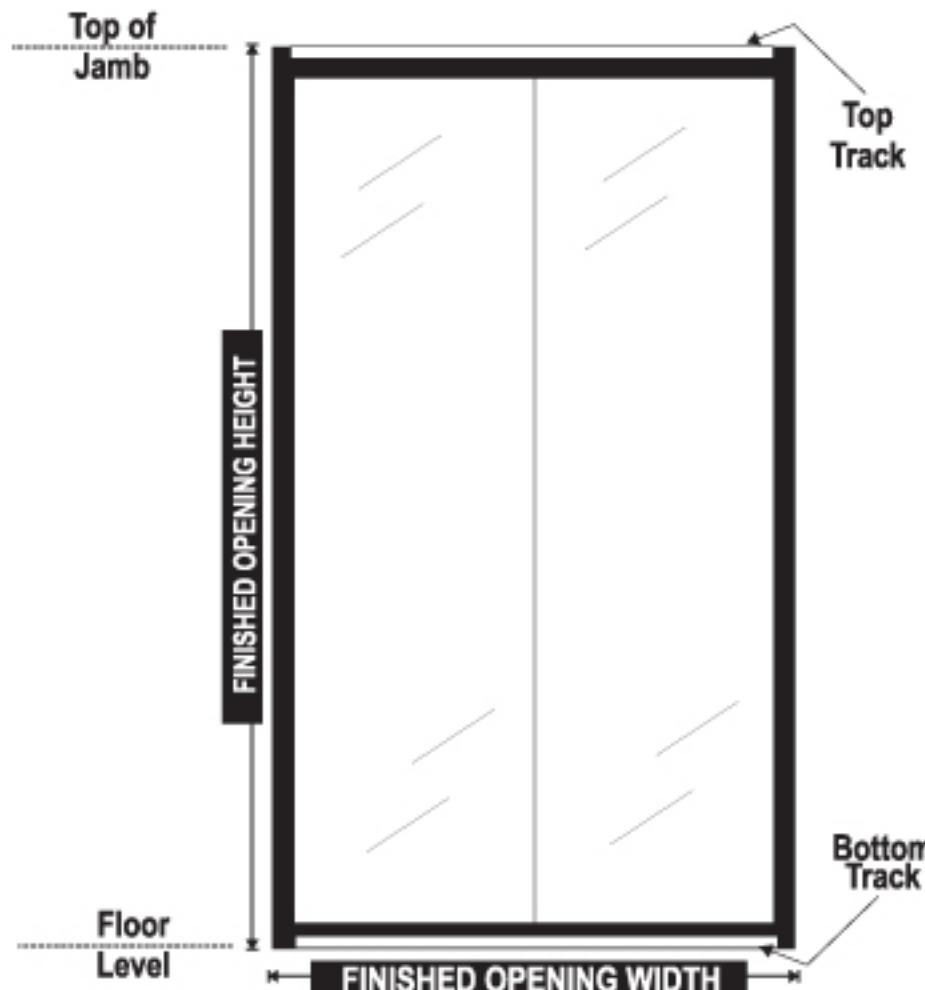
Assemble Tools

Safety Glasses
Phillips head screwdriver
Straight edge screwdriver

Level
Tape Measure
Power drill or screw gun (3/16" bit)

Measure Opening

Measure the Finished Opening Size; refer to Specifications below to insure proper door size.



3mm float plate glass mirror, safety backed to conform with Uniform Building Code Standard 23-2, Part II. Safety mirror 400 lb. ft. Impact test ANSI Z-97.1 1984 boil and impact test.

Specifications

STANDARD SIZES—TWO PANEL UNITS

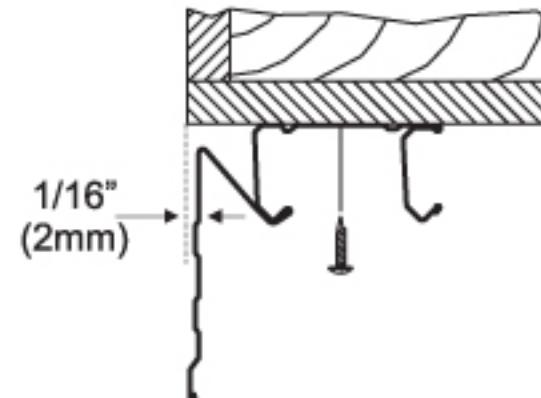
Size	Door Width	FINISHED OPENING WIDTH	FIN. OPNG HEIGHTS 6'8" Units
4'0" (1219)	24-5/8" (626)	48" (1219)	80-1/2" (2045)
5'0" (1524)	30-5/8" (778)	60" (1524)	+1"/-3" (+25/-76)
6'0" (1829)	36-5/8" (930)	72" (1829)	

Finished Opening Width Tolerance +1"/-3" (+25.4/-76.2)

All increments shown in (parenthesis) are metric (millimeter) unless otherwise indicated. Non-standard sizes available; check with your dealer for sizes and availability.

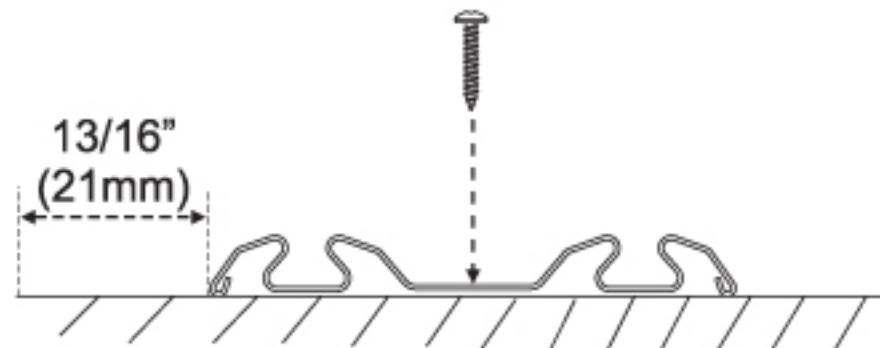
2. Attach Top Track

Screw in the Fascia Track to the header, locating the front edge $1/16"$ (2mm) back from the jamb face, as shown.



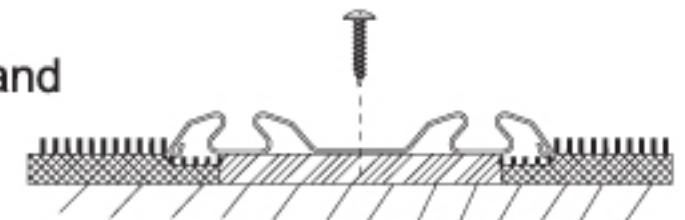
3. Attach Bottom Track

Locate the leading edge of the floor track $13/16"$ (21mm) back from the front face of the jamb so doors will hang plumb.



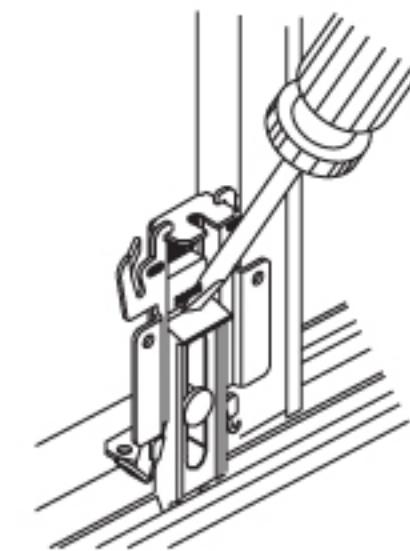
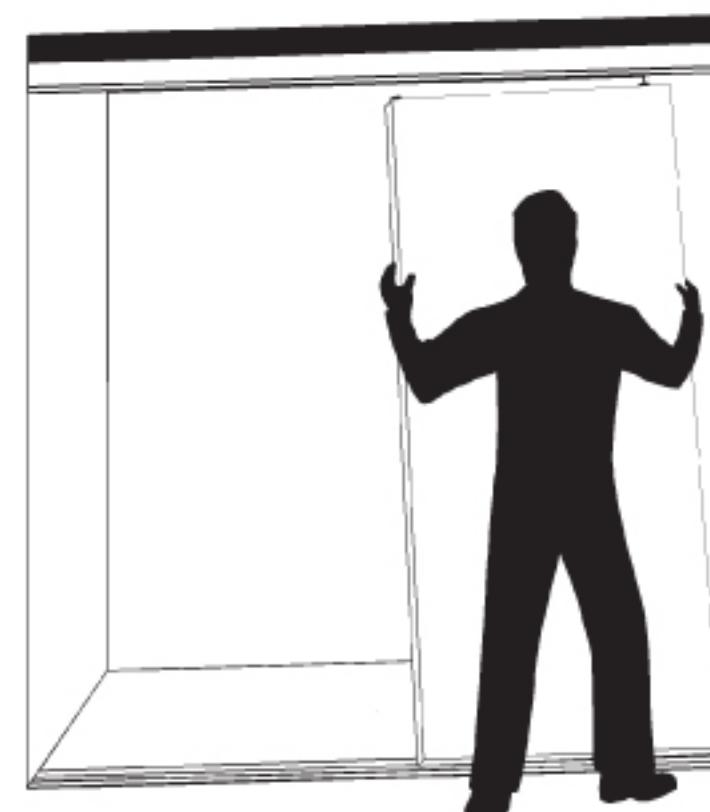
Note:

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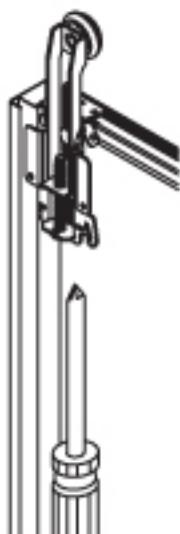
4. Install Doors

Tilt the door at a 20° angle, and insert the top wheels into the rear channel. Snap the bottom guides into the rear groove of the bottom track using a flat head screwdriver as shown. Repeat with the second door, using the front channel and groove.



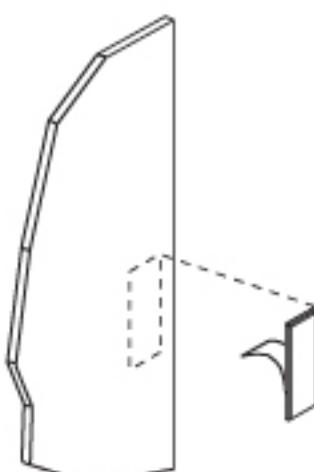
5. Adjust Doors

For vertical adjustment of each door use a star screwdriver on the top rollers as shown.

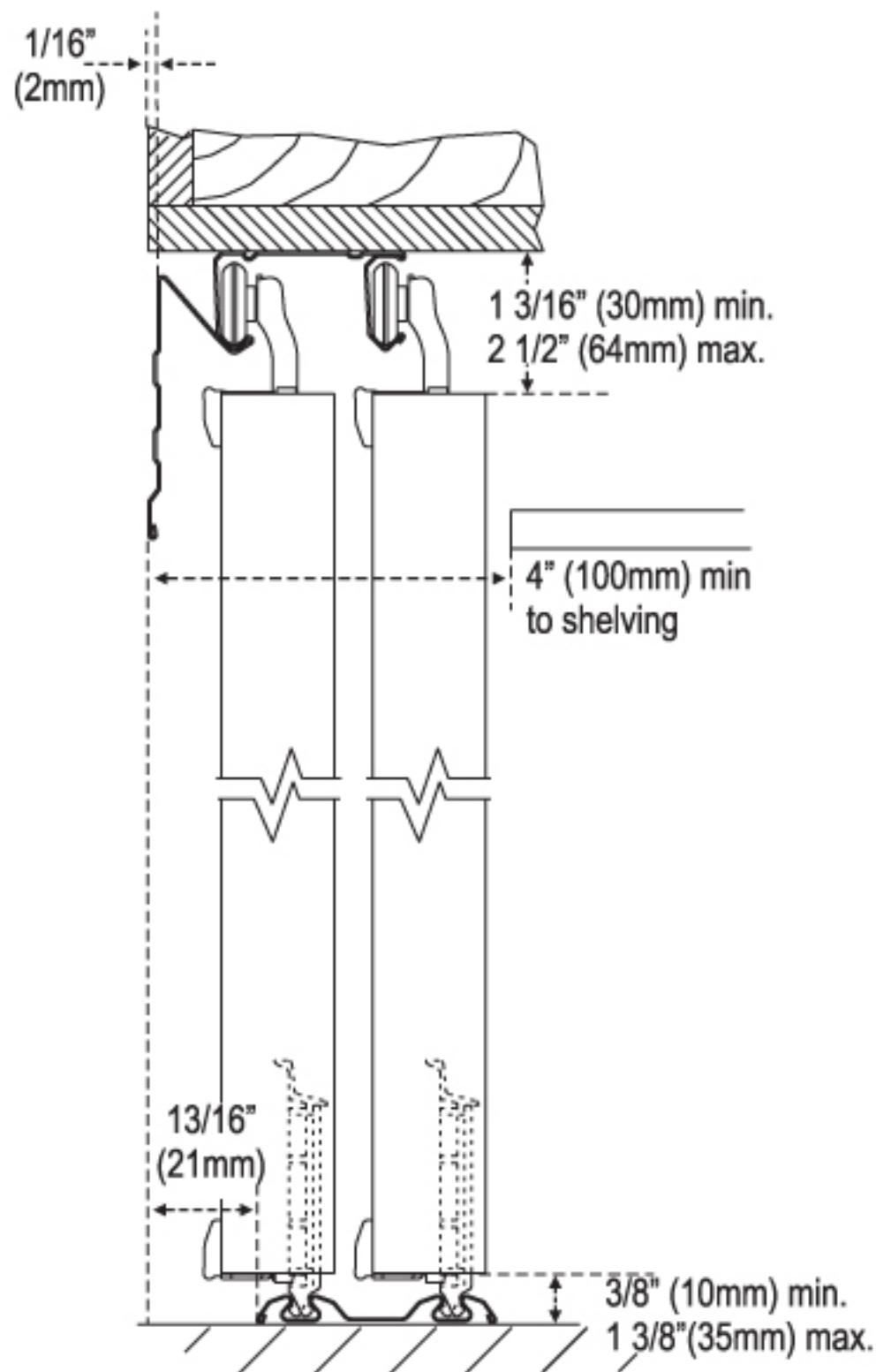


6. Attach Mirror Pulls

Attach mirror pull by peeling off the tape protection, as shown, and choose the desired height (approximately 40" (1016mm) high). The pull should be located approximately 1/2" (13mm) in from the door edge.



Cross-Sectional Layout of Installed Doors



Mirror Dimensions:

Mirror Width =

Opening width + 1" (25mm) per overlap] / [# of doors]

Mirror Length =

Opening height - 2 5/8" (67mm)

Mirror Thickness = 3mm

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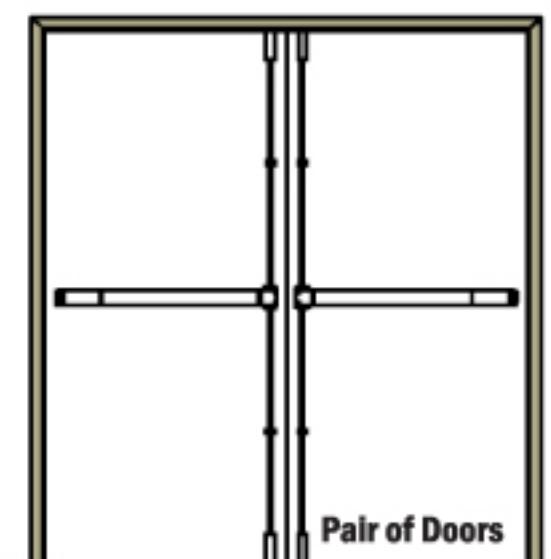
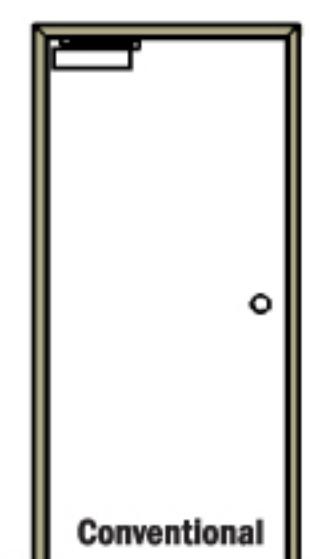
Rediflex® Adjustable 18 or 20 Gauge Steel*

Rediflex is an adjustable throat steel door frame designed for interior and exterior applications where varying wall sizes must be accommodated and for prehanging. Residential or light commercial, new or remodeling construction.

- 1-3/4" doors only
- 4" to 12-1/4" wall sizes (1-1/4" adjustment)
- 5/8" stop height
- Single and pair doors
- Demountable without damage to the finished wall, door or frame
- Standard frame is cold-rolled steel per ASTM A366
- Standard casing is 22-gauge cold-rolled steel per ASTM A366
- 4" and 4-1/2" hinge preps
- 2-3/4" T-strike prep
- Embossed 90 minute neutral and positive pressure fire label; wood or steel stud.

Options

- S56 Steel Colonial casing, aluminum casing, or wood casing prep.
 - Galvanized Standard Casing (A-40)
 - Galvanized Frame (A-40)
 - Special hinge or strike location
 - Dutch Door
 - Universal Hinge Prep (no charge)
 - 4-7/8" adjustable ASA strike prep (no charge)
 - 2-3/4" Deadbolt strike
 - 2-1/4" Full lip strike (1-3/4" doors)
- *Base side: 18 or 20 gauge
Closure side: 18 or 22 gauge



Kerf Rediflex® Adjustable for Weatherstripping 18 or 20 Gauge Steel*

Kerf profile option for Rediflex is an adjustable throat steel door frame designed for prehang applications. Residential or light commercial, new or remodeling construction.

- 1-3/4" doors only
- 4" to 12-1/2" wall sizes (1" adjustment)
- 5/8" stop height
- Demountable without damage to the finished wall, door or frame
- Standard frame is cold-rolled steel per ASTM A366
- Prepped with anchoring holes with vision slot for wood casing.
- 4" and 4-1/2" hinge preps
- 2-3/4" T-strike prep
- Embossed 90 minute neutral and positive pressure fire label; wood or steel stud.

Options

- S56 Steel Colonial casing, aluminum casing, or steel casing prep optional.
 - Galvanized Standard Casing (A-40)
 - Galvanized Frame (A-40)
 - Special hinge or strike location
 - Accommodates non-standard wall size
 - Universal Hinge Prep (no charge)
 - 4-7/8" adjustable ASA strike prep (no charge)
 - 2-3/4" Deadbolt strike
 - 2-1/4" Full lip strike (1-3/4" doors)
 - Threshold prep
- *Base side: 18 or 20 gauge
Closure side: 18 or 22 gauge

Rediframe steel frames have been chosen to outfit hospitality, multi-family, condominiums, office buildings, and assisted living facilities. Our diversity is in our design. Rediframe is engineered to adapt to a variety of commercial and residential applications. Sidelites, Borrowed Lites, Pocket Doors, Communicating Doors ... try Rediframe first for special openings.

Rediframe is prefinished and can be specified to fit the hardware for any job. And, because it is prefinished, it installs over finished walls, creating a perfect jobsite finish.



MANDALAY BAY
LAS VEGAS, NEVADA



THE PONDS AT PUNALU’U (ASSISTED LIVING)
HAUULA, HAWAII



PASEO CONDOMINIUMS
FORT MYERS, FLORIDA



MARRIOTT GRAND CHATEAU
LAS VEGAS, NEVADA



SLIMFOLD™

Closet Systems

Slimfold® is a registered trademark of Dunbarton Corporation Printed in U.S.A. 3/07

P.O. BOX 8577 | DOTHAN, ALABAMA 36304-0577
800-633-7553
334-793-3462 (fax)
www.dunbarton.com
[email: slimfold@dunbarton.com](mailto:slimfold@dunbarton.com)

P/N 82807256 SF 430 Rev. 11/08



DUNBARTON

Door and Entry Systems



PRODUCT MANUAL



Please Recycle!

Binder contains 10% total recovered fiber / all post-consumer fiber.

Vinyl is 100% new material.

To Recycle: Separate vinyl and binder. Recycle with like materials.

Literature updates available at 800-633-7553, or download: www.dunbarton.com.

DUNBARTON CORPORATION
1101 Technology Drive | Dothan, AL 36303
800-633-7553 | fax 334-793-3462
www.dunbarton.com email: sales@dunbarton.com

CASING AND FRAME OPTIONS

Casing



Steel

Pre-finished steel designed for ease of installation. Standard on all Rediframe products except Kerf Rediflex. (1-1/2" width)

Aluminum

Modern, sculptured lines in durable pre-finished aluminum. Available in same color finishes as steel. (1-1/2" width)

S56 Steel Colonial

Specially designed corner clips align S56 to standard Rediframe casing clips. Available in same color finishes as steel. (2-1/4" width)

Rosette

New! Elegant Rosette gives standard steel casing a truly unique look. Available in same color finishes as steel. (1-1/2" width)

Wood

Finish Rediframe with decorative wood casing (supplied by others). Paint, stain ... whatever fits the decor (profile and width varies).

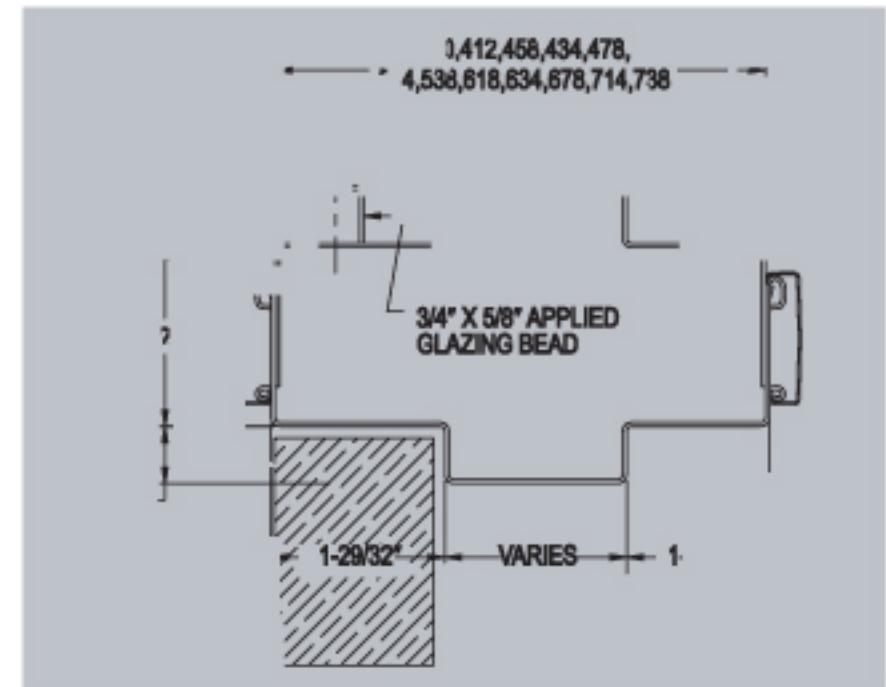
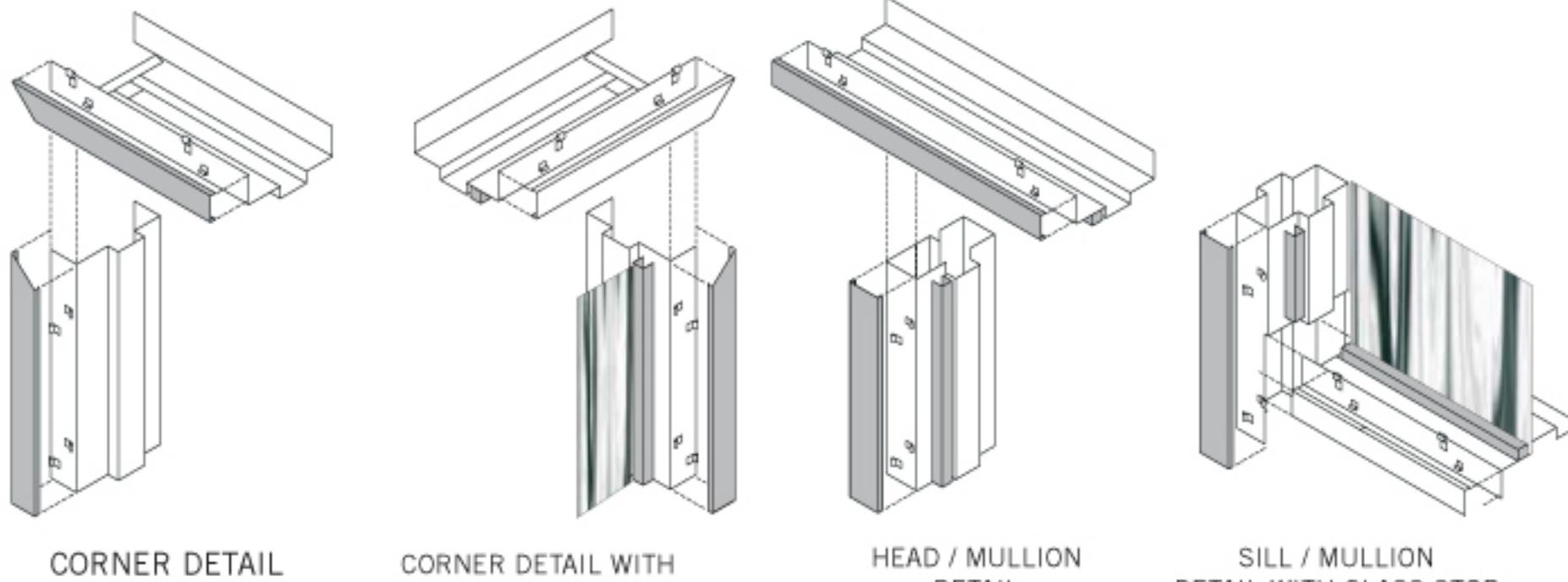
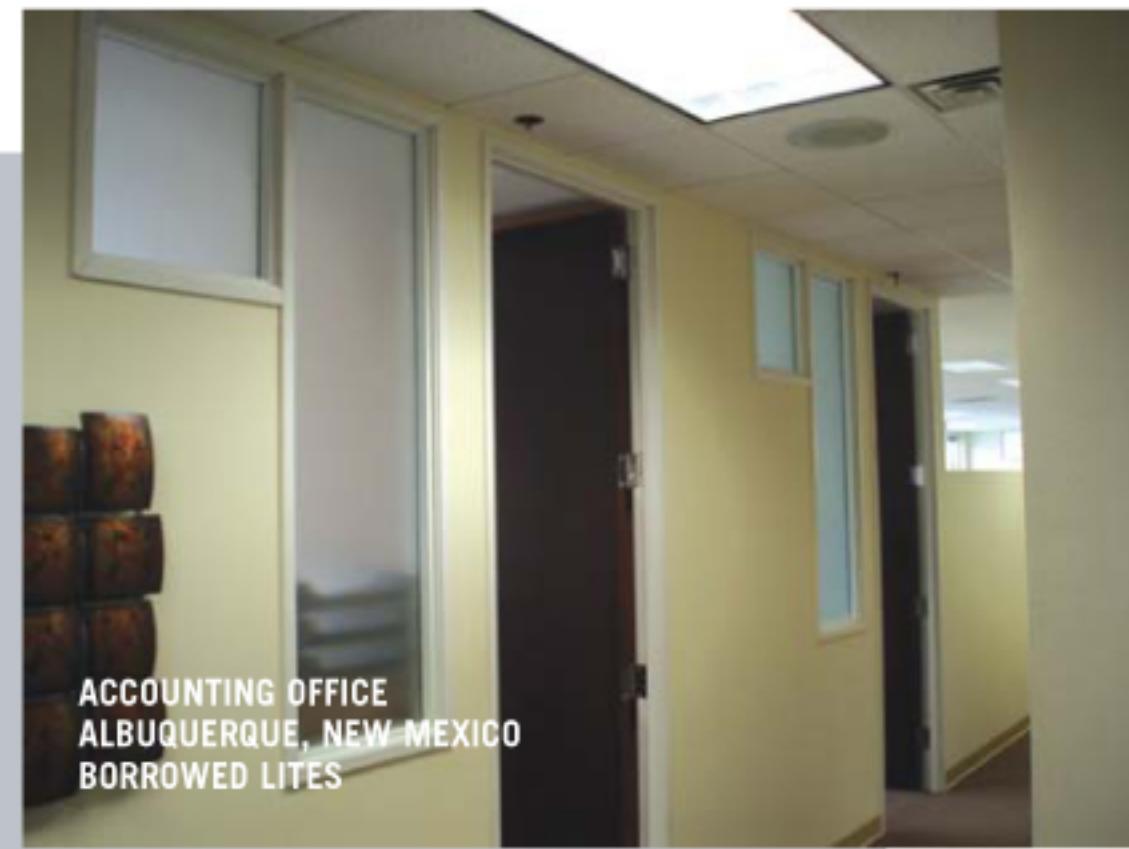
Sidelites and Borrowed Lites

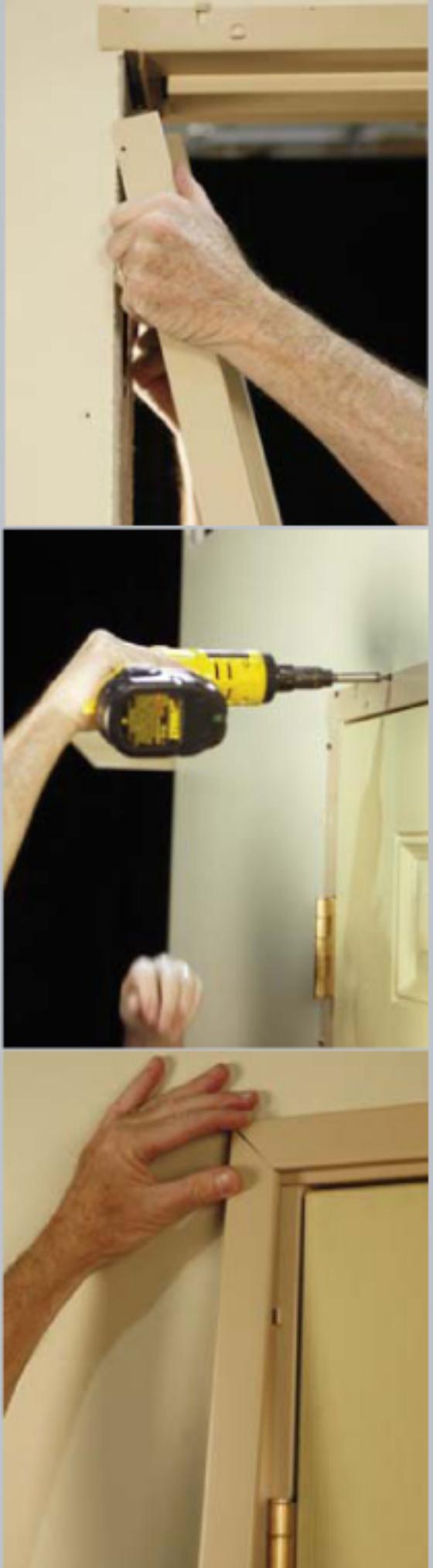
Rediframe is engineered to adapt to an array of design considerations, limited only by the imagination. Rediframe is easily reconfigured to produce custom borrowed lites and sidelites to specifications. Like all Rediframe products, these borrowed lites and sidelites are prefinished and designed to be installed after the walls are finished. Sidelites are fire-rated up to 45 minutes; borrowed lites are rated up to 60 minutes (See fire ratings page 6).

Sidelite and Borrowed Lite Options

- Sidelite (single/double)
- Sidelite with mullion(s)
- Partial Sidelite
- Borrowed Lite
- Borrowed Lite with mullion(s)
- Transom
- Panel Over

Rediframe's Engineering can create a custom sidelite or borrowed lite application!



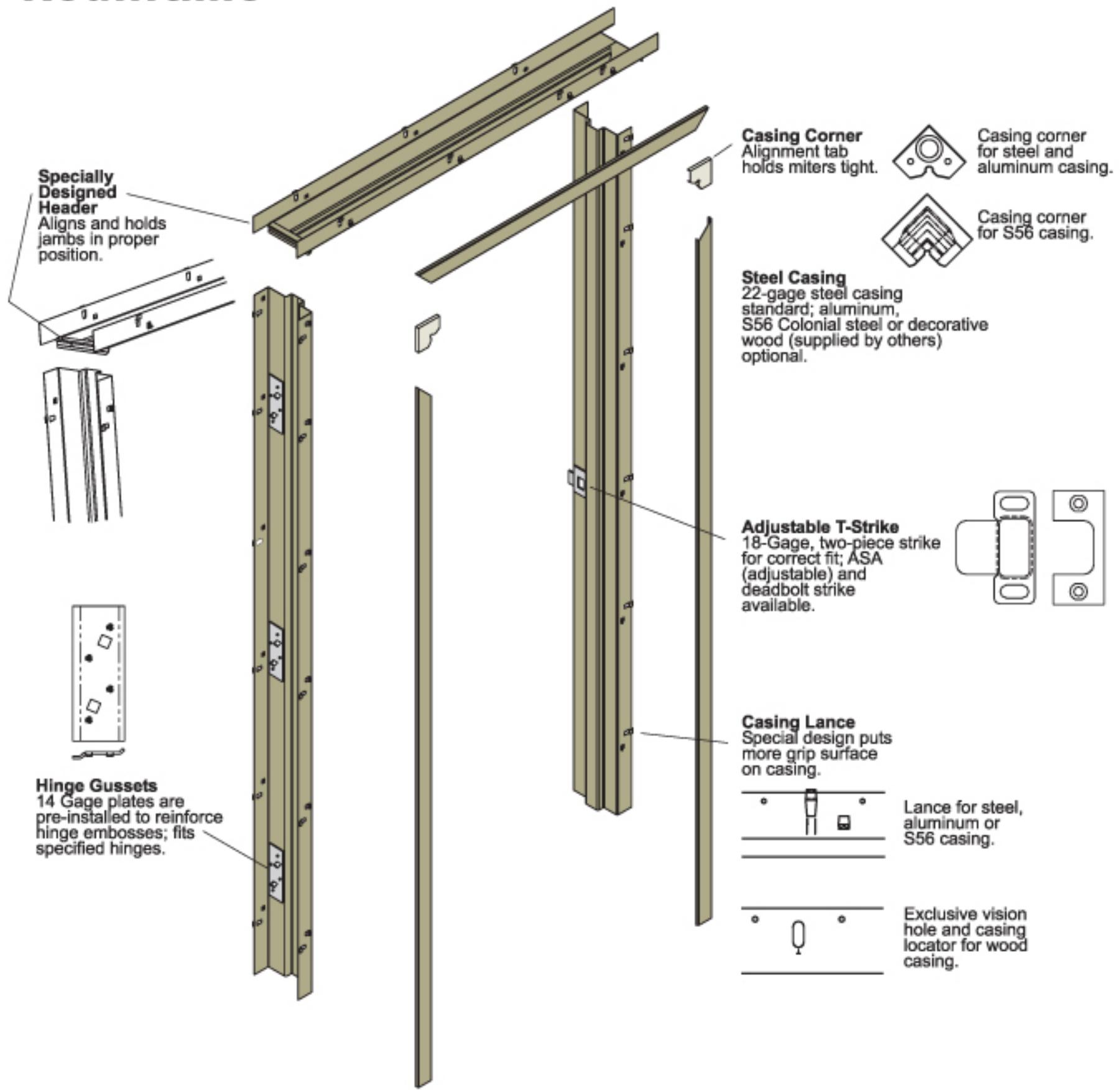


**REDIFRAME®
INSTALLATION**
Sleeve header and upright over wall sections in opening. Pull header firmly down do so that side jambs rest on floor. Install door, close; use as template to square frame.

Apply fasteners
starting in middle of header and upper end of hinge jamb. Apply one fastener per lance.

**Apply steel,
aluminum or S56
Colonial steel
casing** by rolling over casing lance and snapping over bottom of clip.

Rediframe®



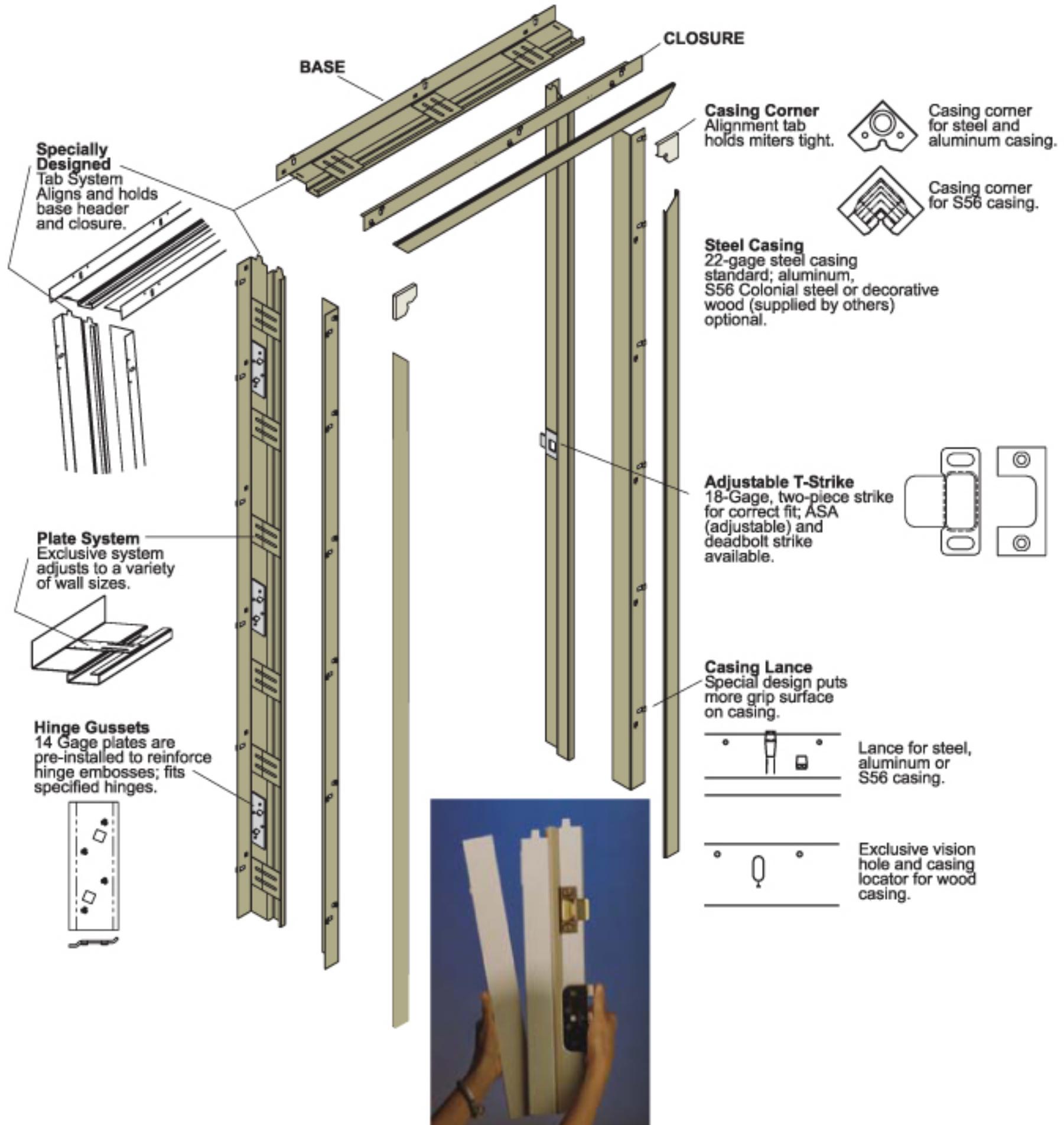
Rediflex® Adjustable



**REDIFLEX®
INSTALLATION**
Assemble base unit consisting of base header and uprights, threshold, and door. Rotate base unit into the opening.

**Install frame
closure pieces** after setting clearances. Attach to wall using recommended fasteners.

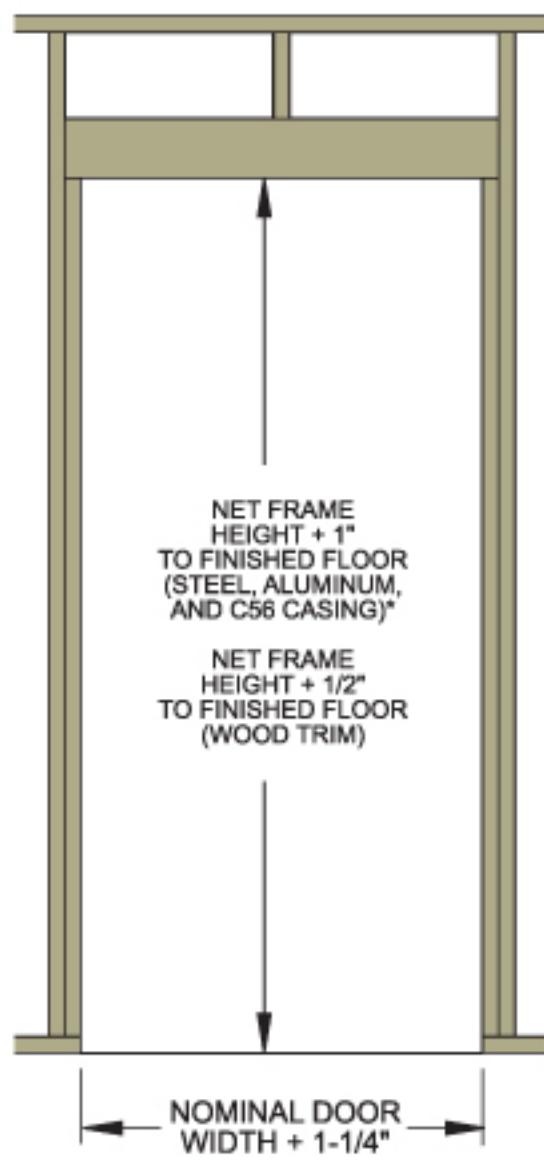
**Apply wood
casing** using the vision slots on the frame. Standard Steel, aluminum or S56 steel is applied same as Rediframe with appropriate clip system.



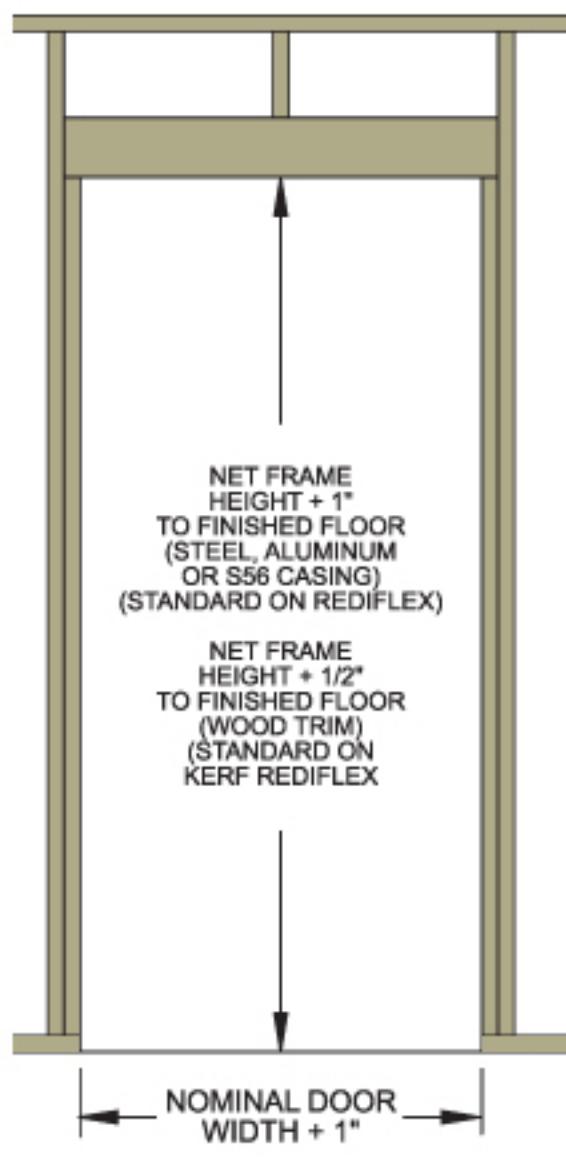
ROUGH OPENINGS and FIRE RATINGS

Rough Openings

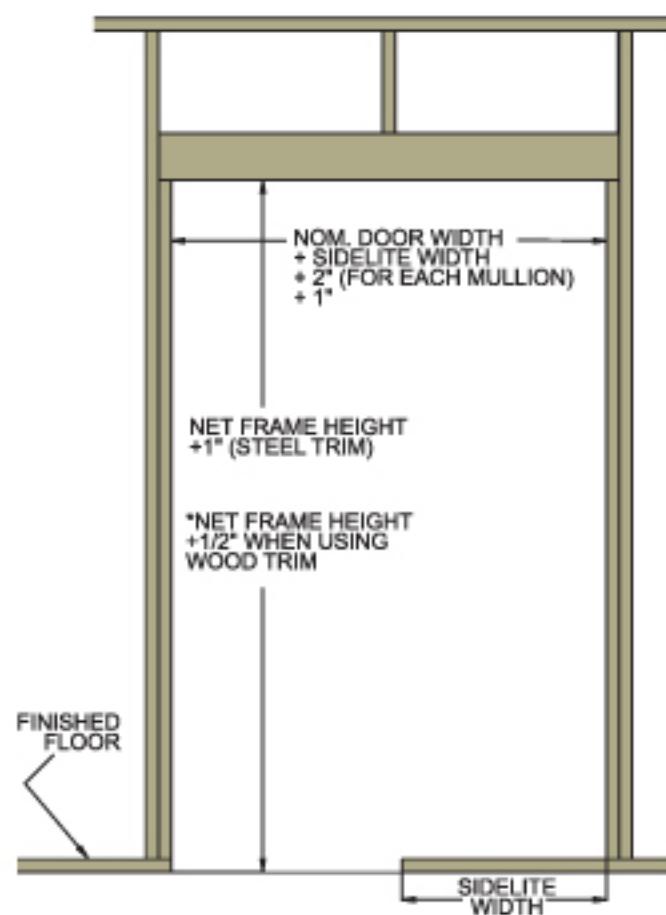
Measure rough opening for door frames and sidelites from finished floor. Frames may be conveniently installed AFTER walls are finished and flooring application is layed!



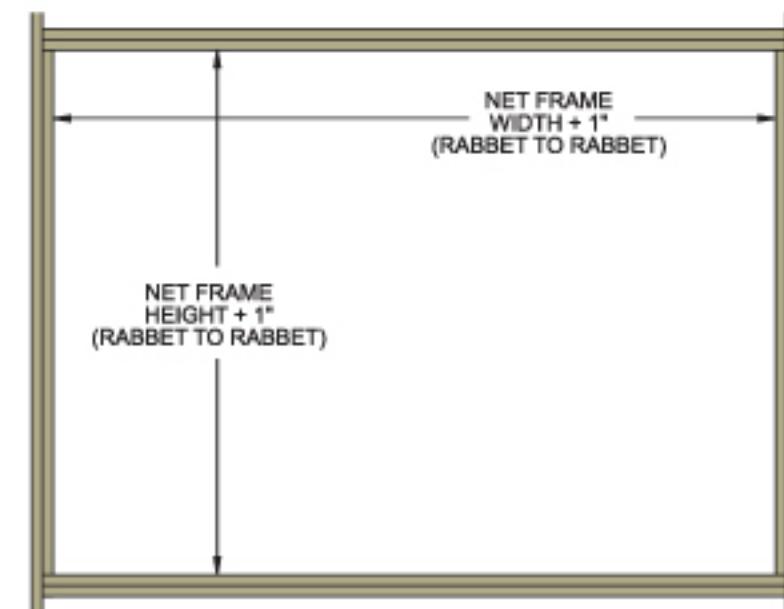
REDIFRAME



REDIFLEX OR
KERF REDIFLEX



STANDARD SIDELITE



BORROWED LITE

Fire Ratings

UL 10B (NEUTRAL) and UL10C (POSITIVE) FIRE RATINGS

REDIFRAME® / KERF REDIFRAME® PREFINISHED DOOR FRAMES

*SINGLE AND PAIR DOOR FRAMES (1-3/4" DOOR)

Rating	Maximum Opening Size	*Minimum Wall Size	Frame Gauge	Test Standard	Edge Seals	
90 min.	4'0" x 9'0"	3-1/2"	18 or 20	Neutral	Not Required	Cat. A Doors: No additional edge seals required.
90 min.	8'0" x 9'0"	3-1/2"	18 or 20	Neutral	Not Required	Cat. B Doors: Additional Category G edge seals required.
90 min.	4'0" x 9'0"	3-1/2"	18 or 20	Positive	*Listed	
90 min.	8'0" x 9'0"	3-1/2"	18 or 20	Positive	*Listed	

*4" Minimum Wall for Kerf Rediframe

"S" Smoke and Draft label; applicable only if listed Category H Smoke and Draft Control Gasket is applied.



SIDELITE / TRANSOM ASSEMBLY FRAMES (1-3/4" DOORS) MAXIMUM ASSEMBLY SIZE — 10' Width x 10' Height

Rating	Minimum Wall Size	Maximum Glass Width	Maximum Glass Height	Frame Gauge	Glass Type	Test Standard	Maximum Door Size	Glazing Material	Max. Assembly Size
45 min.	3-1/2"	24"	106"	18 or 20	Wire	Neutral	3'0" x 9'0"	Not Required	10'0" x 10'0"
45 min.	3-1/2"	36"	36"	18 or 20	Wire	Neutral	3'0" x 9'0"	Not Required	10'0" x 10'0"
45 min.	3-1/2"	36"	94"	18 or 20	Ceramic	Neutral	3'0" x 9'0"	Listed	10'0" x 10'0"
45 min.	3-1/2"	24"	106"	18 or 20	Wire	Positive	3'0" x 9'0"	Listed	10'0" x 10'0"
45 min.	3-1/2"	36"	94"	18 or 20	Ceramic	Positive	3'0" x 9'0"	Listed	10'0" x 10'0"

FIRE WINDOW FRAMES

Rating	Minimum Wall Size	Maximum Glass Width	Maximum Glass Height	Frame Gauge	Glass Type	Test Standard	Glazing Material	Max. Assembly Size
45 min.	3-1/2"	24"	106"	18 or 20	Wire	Neutral	Not Required	10'0" x 10'0"
45 min.	3-1/2"	36"	36"	18 or 20	Wire	Neutral	Not Required	10'0" x 10'0"
60 min.	3-1/2"	36"	36"	18 or 20	Wire	Neutral	Listed	9'4" x 3'0"
45 min.	3-1/2"	24"	106"	18 or 20	Wire	Positive	Listed	10'0" x 10'0"
45 min.	3-1/2"	36"	94"	18 or 20	Ceramic	Positive	Listed	10'0" x 10'0"

REDIFLEX® ADJUSTABLE FRAMES

Rating	Minimum Wall Size	Base Gauge	Closure Gauge	Maximum Frame Size	Test Standard	Edge Seals
90 min.	4"	18 or 20	22 or 18	3'6" x 7'1"	Neutral	Not Required
90 min.	4"	18	22 or 18	3'0" x 8'0"	Neutral	Not Required
90 min.	4"	18	22 or 18	6'0" x 7'0"	Neutral	Not Required
60 min.**	4"	18	22 or 18	8'0" x 8'0"	Neutral	Not Required
90 min.	4"	18 or 20	22 or 18	3'0" x 7'0"	Positive	*Listed
90 min.	4"	18	22 or 18	3'0" x 8'0"	Positive	*Listed
90 min.	4"	18	22 or 18	6'0" x 7'0"	Positive	*Listed
60 min.**	4"	18	22 or 18	8'0" x 8'0"	Positive	*Listed

*Positive Pressure Doors

Cat. A Doors: No additional edge seals required.

Cat. B Doors: Additional Category G edge seals required.



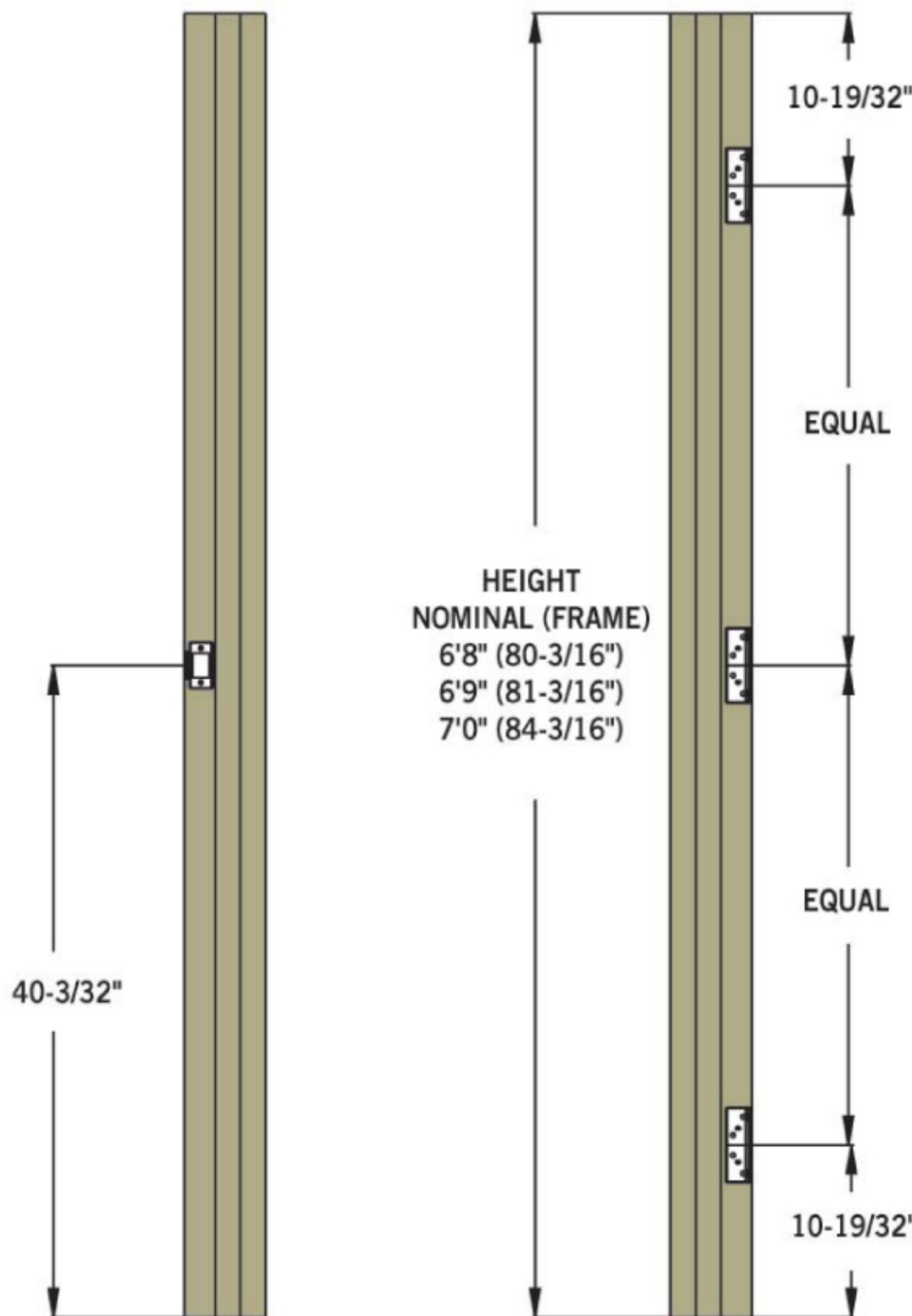
**Reinforcing screws required

ALL RATINGS ARE SUITABLE FOR STEEL, ALUMINUM, S56 STEEL COLONIAL OR WOOD TRIM.

Standard Hardware Locations

Contact factory for complete Standard Hardware Locations; ask for Part No. 61270062

Hinge & Strike Locations for 4-1/2" hinges, 2-3/4" "T" Strike or 4-7/8" ASA Strike



Hinge Prep Specifications

Size	Type	Product			
		RF	Kerf RF	RFX	Kerf RFX
3-1/2"	1/4" Radius Corner (1-3/8" door)	■	—	—	—
3-1/2"	5/8" Radius Corner (1-3/8" door)	■	—	—	—
4"	1/4" Radius Corner	■	■	■	■
4-1/2"	Square Corner (.134) Std. Weight	■	■	■	■
4-1/2"	Square Corner (.180) Heavy Weight	■	■	—	—
4"	5/8" Radius UHP*	■	■	■	■

*UHP = Universal Hinge Prep; Adapts to Pease, Taylor, Therma Tru, Masonite, and standard template hinge patterns.

Strike Prep Specifications

Size	Type	Product			
		RF	Kerf RF	RFX	Kerf RFX
1-1/4" x 2-3/4"	"T" Strike Emboss (1-3/8" door)	■	—	—	—
1-1/4" x 2-3/4"	"T" Strike Emboss (1-3/4" door)	■	■	■	■
1-1/4" x 4-7/8"	"ASA" Adjustable Strike Emboss (1-3/4" door)	■	■	■	■
1-1/8" x 2-3/4"	Deadbolt Strike Emboss (1-3/4" door)	+option	+option	+option	+option
1-1/2" x 2-1/4"	Full Lip Strike (1-3/4" doors only)	option/NC	option/NC	option/NC	option/NC

+ = Option with upcharge

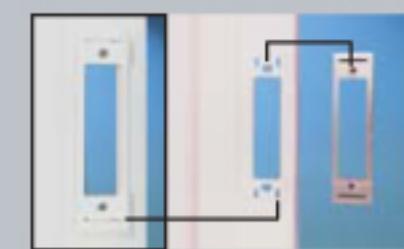
Strike Preps



1-3/8" Door Adj. T-Strike

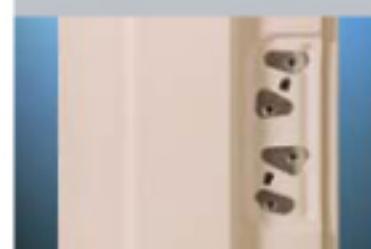


Deadbolt Strike



ASA Adjustable (Patented)
Embossed Tabs to maintain correct
adjustment; widened screw hole
allows for strike plate movement.

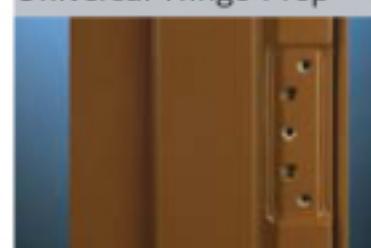
Hinge Preps



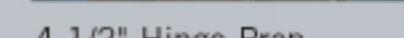
Universal Hinge Prep



4" Radius Hinge Prep



3-1/2" Radius Hinge Prep



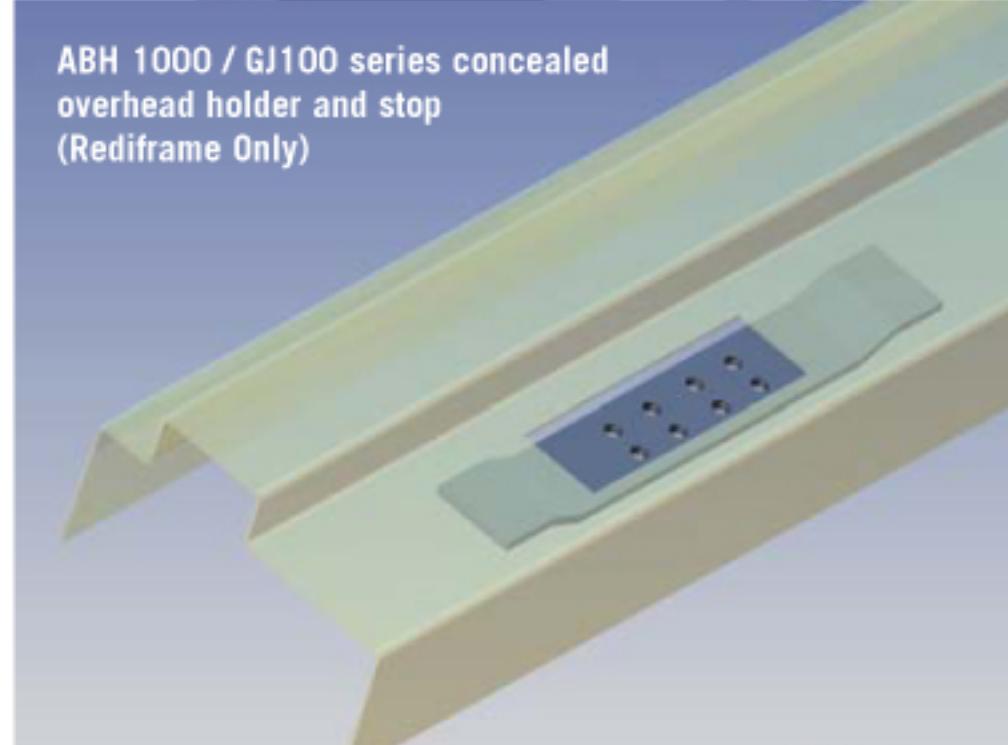
4-1/2" Hinge Prep

Special Preps

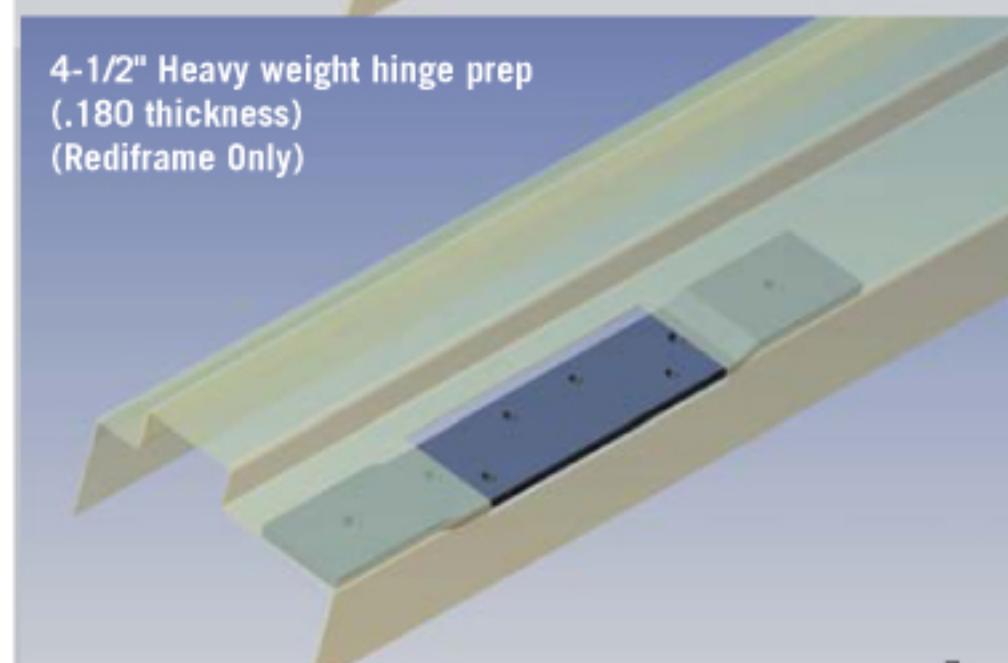
Special emboss for door guard application on S56 Colonial Casing. Provides a flat surface for hardware.



ABH 1000 / GJ100 series concealed overhead holder and stop (Rediframe Only)



4-1/2" Heavy weight hinge prep (.180 thickness) (Rediframe Only)



FINISHES, WARRANTY, SPECIFICATIONS

Finishes

Prefinished Rediframe is available in eight standard colors. "Custom color" selections can be matched to ensure the finished product will meet specifications. Custom colors will ship three weeks after final approval.

Rediframe is finished in a state-of-the-art paint assembly line with electrostatically-applied, baked-on enamel. Paint finish meets or exceeds 200 hour salt spray test per ASTM-B117-97. Painted finishes also finished 700 hour humidity test per ASTM-D1735-87.

Rediframe is available in cold rolled steel or galvanized zinc coating.

Standard Color Selections



*Indicates upcharge

Custom Colors

Rediframe can match YOUR custom color!

Custom colors can be matched to your specifications. Colors shown are samples. Contact factory for lead times and pricing.



ORCHARD HILLS APARTMENTS
IRVINE, CALIFORNIA
REDIFRAME

Warranty

The Warranty for **REDIFRAME STEEL FRAMES** manufactured by **DUNBARTON DOOR AND ENTRY SYSTEMS** is to the original consumer purchaser to be free from defects in material and workmanship for a period of one (1) year from the date of purchase.

REDIFRAME products manufactured with galvanized steel are warranted against rusting for a period of one (1) year from the date of purchase, provided the finish has not been cut or abraded through the metal. **Galvanized steel should be used for exterior applications and where air has a high salt content or in locations with high humidity; see specifications.**

This warranty is applicable only when the product(s) covered by it have been installed in accordance with the recommended written installation instructions of **REDIFRAME** and with established building practices, have been accorded treatment which is considered good practice in the building industry regarding storage and maintenance, and have been subject only to normal use. Because **REDIFRAME** cannot control the manner in which its products are handled after leaving its premises, this warranty does not apply to the finish or accessories of any product.

ANY AND ALL IMPLIED WARRANTIES HERETO ARE

LIMITED TO ONE (1) YEAR FROM THE DATE OF PURCHASE.

Some states do not allow limitations on how long an implied warranty lasts, so the above limitations may not apply to you. In the event the original consumer purchaser of any **REDIFRAME** product believes that the frame or any parts thereof covered by this warranty are defective, a letter outlining the alleged defect should be sent postage prepaid to the following address:

DUNBARTON DOOR AND ENTRY SYSTEMS

P.O. Box 8577

Dothan, Alabama 36304-0577

Any **REDIFRAME** product, or any parts thereof covered by this warranty which, upon inspection by an authorized representative of **DUNBARTON**, are found by said representative to be defective will be repaired, replace, or at the option of **DUNBARTON**, the purchase price of the frame or part will be refunded and does not include labor, installation costs, finishing costs, or indirect or consequential damages of any nature. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Specifications

Part 1 GENERAL

1.1 DESCRIPTION

- A. Furnish factory prefabricated or primed steel door frames for interior and exterior doors. Refer to architectural drawings, schedules, and details for required types and sizes of frames.
- B. See Division 8 for information on doors, hardware, glazing, etc.

1.2 QUALITY ASSURANCE

- A. Prefabricated or primed steel door frames shall be as manufactured by Rediframe Products Division.
- B. Approved equal complying with product standards, features, and construction specified herein.
- C. Assembly and installation, including field modifications, shall be performed by qualified workmen who have been approved by the architect or owners' representative.

1.3 SUBMITTALS

- A. Submit manufacturer's specifications for fabrication showing details of design, construction, and installation substantiating that products comply with requirements specified.
- B. Submit shop drawings for architects approval including all necessary information for fabrication and installation of the work to be done in this section.
- C. Provide as prototypes, detail drawings, and color chips as needed for selection or approval by the architect.

1.4 DELIVERY, STORAGE, AND HANDLING

- A. Deliver prefabricated or primed steel frames cartoned, stretch wrapped, and palletized to provide protection during transit and job storage.
- B. Inspect frames upon delivery for damage. Remove and replace damaged or defective frames prior to final inspection.
- C. Store frames at building site under cover. Place cartons on wood sills at least 4" high or otherwise store on floors in a manner that will prevent rust and damage.

PART 2 PRODUCTS

2.1 FRAMES

- A. Roll form or break frames to sizes and shapes shown on approved drawings.
- B. Hinge jambs shall be embossed for template hinges and reinforced with a zinc plated 14-gauge gusset.

- C. Strike jambs shall be embossed for 2 3/4" T-strike, 4 7/8" adjustable ASA strike or 2 3/4" deadbolt strike as specified.

- D. Each frame shall be punched around the perimeter of the face to anchor the frame to the wall.
- E. Frames shall be lanced on the face of the frame when snap-on casing is to be applied.

- F. Frames shall be punched for vision slot with nail holes only when wood molding is to be applied.
- G. Standard steel snap-on casing shall be manufactured in 22-gauge cold-rolled or galvanized (A40) (option) steel or .050" aluminum extrusion 6063T5 alloy. S56 steel colonial casing shall be manufactured in cold-rolled or galvanized (A40) (option) steel and be a minimum of 2-1/4" width.

- H. Wood molding to be supplied by others.

2.2 TYPES

- A. 18-gauge or 20-gauge cold-rolled or galvanized steel to be used in commercial applications.
- B. 18-gauge non-kerf adjustable throat frame, cold-rolled or galvanized steel.
- C. 20-gauge non-kerf adjustable throat frame, cold-rolled or galvanized steel.
- D. 18-gauge kerfed adjustable throat frame, cold-rolled or galvanized steel.
- E. 20-gauge kerfed adjustable throat frame, cold-rolled or galvanized steel.

2.3 FINISHES

- A. Rediframe finish shall be electrostatically baked on enamel on a cleaned and phosphate-treated surface with paint film thickness approximately 1.0 mil.
- B. Provide touch-up paint for all factory prefabricated frames.

PART 3 EXECUTION

- A. Verify opening dimensions with the architectural plans and shop drawings.
- B. Install frames plumb and square using the door as a template to assure alignment of the door and frame.
- C. Secure the frame to the wall per manufacturer's specifications.
- D. Repair all damaged or defective frames prior to job closeout or final inspection.



REDIFRAME™

Steel Door Frames

P.O. Box 8577 Dothan, AL 36304-0577
800-633-7553 334-794-0661 334-793-3462 fax
www.dunbarton.com rediframe@dunbarton.com



10% total recovered fiber / all post-consumer fiber



Part No. RF101 Rev. 12/08

Colors are as close as printing limitations will allow.



Rediframe®
Prefinished Steel Door Frames

Rediframe Brown

Bright White

Ivory

Prime Gray

Mojave Brown*

Black*

Light Gray*

Tan Prime*

Alusteel*

*Standard Option; Upcharges Apply

CUSTOM COLORS AVAILABLE—CONSULT FACTORY
STEEL COLOR CHIPS AVAILABLE UPON REQUEST

REDIFRAME® IS A DIVISION OF THE DUNBARTON CORPORATION

868 Murray Road, Dothan, AL 36303 USA
800 633 7553 334 794 0661 fax 334 793 7022
Website: www.rediframe.com Email: rediframe@dunbarton.com

P/N 61270065 Rev. 4/06

REDIFRAME™

DW and PD Series

Hollow Metal Masonry and Drywall Frames (Non-Kerf and Kerf)

Announcing a hollow metal door frame system that allows the use of popular commercial and residential doors.

Another quality door frame solution from Rediframe™.



REDIFRAME™

Door Frames

1101 Technology Drive | Dothan, AL 36303
800.633.7553 | 334.794.0661 | Fax: 334.793.3462
www.dunbarton.com | email: sales@dunbarton.com

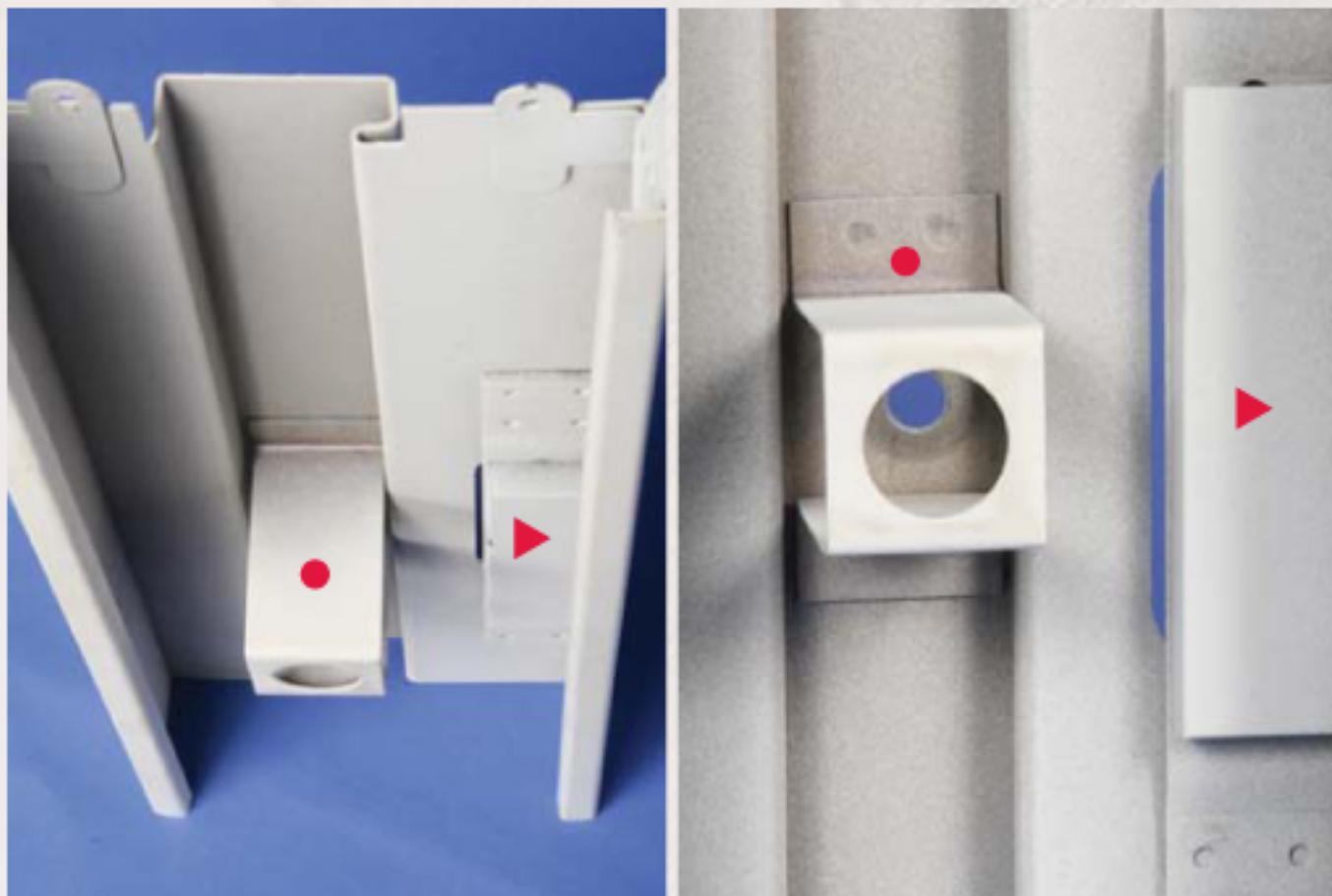
Rediframe PD Series Masonry Frames



PD Series Frames for Masonry Applications

- Available Kerf or Non-Kerf
- 16 gauge, A40 galvanized
- Knock-down design; can be field welded
- 18-gauge corner reinforcements to maintain proper miter alignment
- Welded-in expansion bolt anchors
- Available with 2" face; 1/2" returns; 4" header face available
- Available in 5-3/4", 7-3/4", and 8-3/4" jamb depths
- Hinge Preps: 4" x 1/4" radius, 4" x 5/8" radius, and 4-1/2" square corner
- Strike Preps: T-Strike, ASA, and Deadbolt
- Built-in hinge mortar guards (optional); built-in strike mortar boxes (standard)
- Tab and slot construction
- Finishing: White prime for field painting or custom prefinished
- Prime White Paint: Baked Enamel, salt spray 200 hours, humidity 700 hours.
- Shipping: Frames to be bundled, banded, and shipped on skid with no additional packaging; custom finished frames are carton packed.

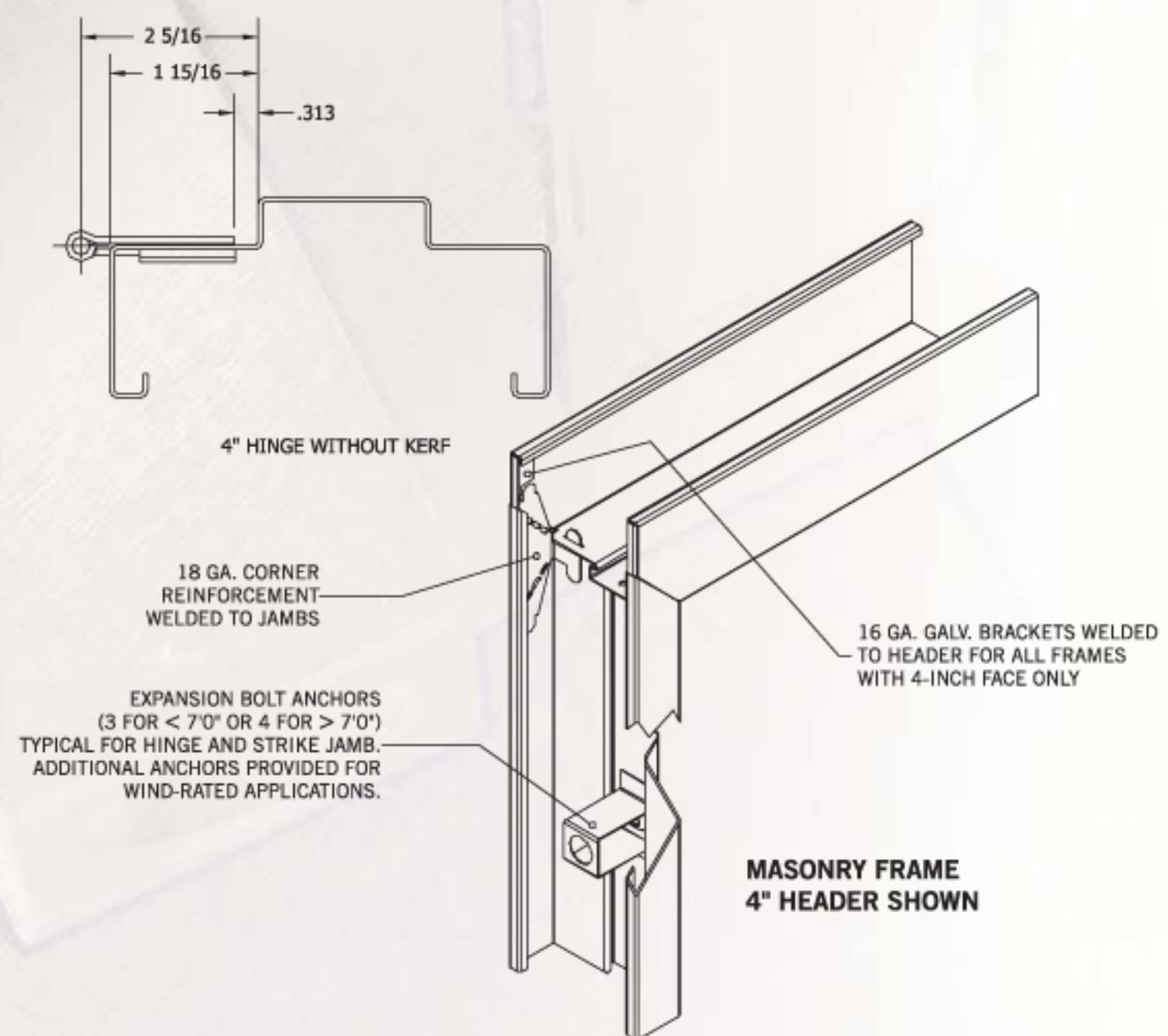
A Hollow Metal Frame System that's designed for you.



► **Hinge Reinforcements:**

10 ga on 4-1/2" Hinges
12 ga on 4" hinges

● **Welded-In Bolt Anchor**



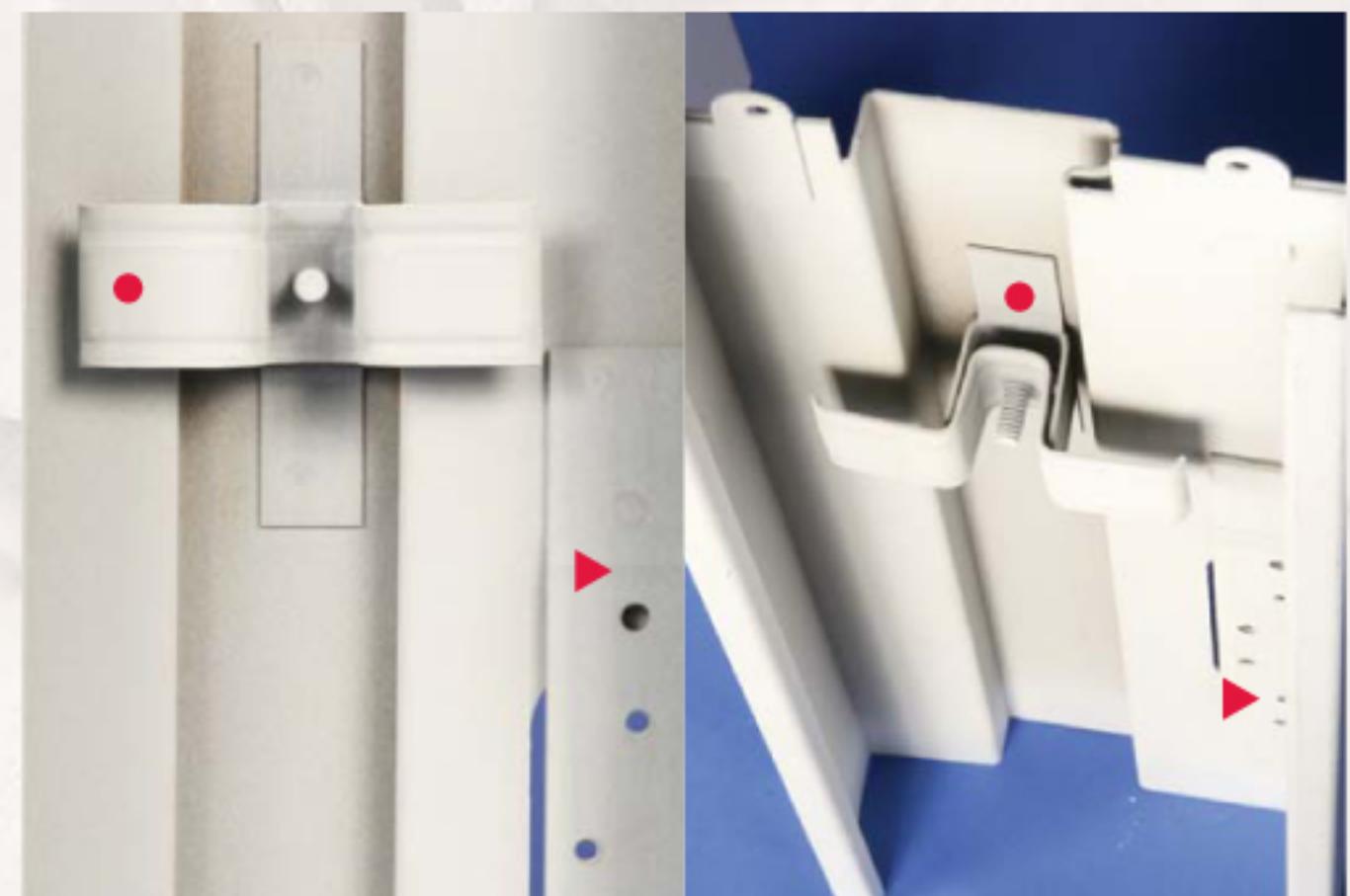
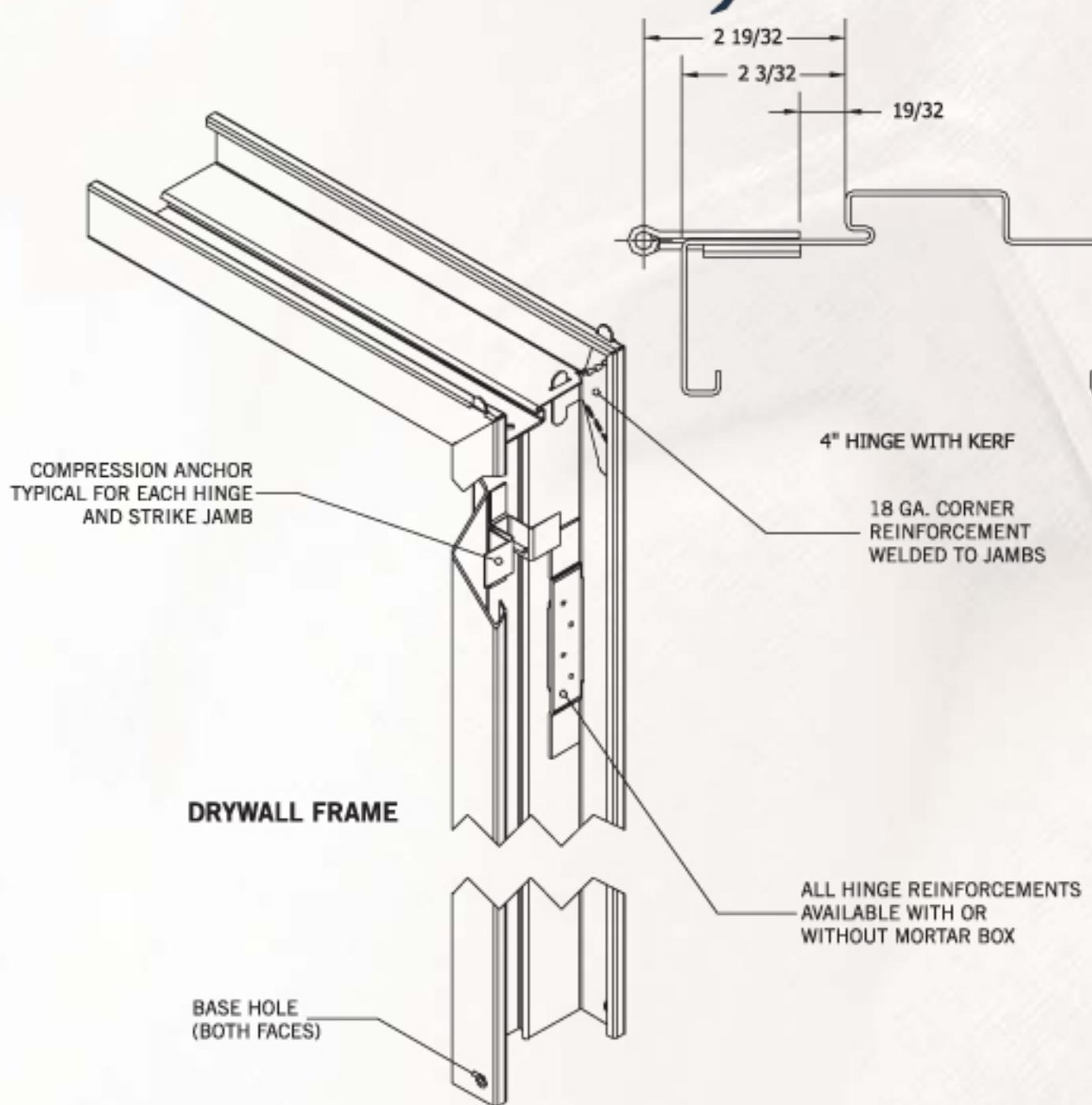
Rediframe DW Series Drywall Frames

DW Series Frame for Drywall Applications

- Available Kerf or Non-Kerf
- 16 gauge, A40 galvanized
- Knock-down design; can be field welded
- 18-gauge corner reinforcements to maintain proper miter alignment
- Welded-in steel compression anchors
- Available with 2" face; 1/2" returns
- Available in 5-3/4", 5-7/8", 6-1/4", 6-3/8", 7-1/8", 7-3/4", 7-7/8", 8-1/4", 8-3/8" jamb depths.*
- *5-3/8" Min. jamb depth (Non-Kerf)
- *5-5/8" Min. jamb depth (Kerf)
- Hinge Preps: 4" x 1/4" radius, 4" x 5/8" radius, and 4-1/2" square corner
- Strike Preps: T-Strike, ASA, and Deadbolt
- Built-in hinge mortar guards (optional); built-in strike mortar boxes (standard)
- Tab and slot construction
- Finishing: White prime for field painting or custom prefinished
- Prime White Paint: Baked Enamel, salt spray 200 hours, humidity 700 hours.
- Shipping: Frames to be bundled, banded, and shipped on skid with no additional packaging; custom finished frames are carton packed.



designed to meet your door specifications.



► **Hinge Reinforcements:**
10 ga on 4-1/2" Hinges
12 ga on 4" hinges

- **Welded-In Compression Anchor**
- **Tab and Slot Construction**

Rediframe DW and PD Series Steel Frames

REDIFRAME DW AND PD SERIES STEEL FRAMES PRODUCT SPECIFICATIONS

This publication provides information related to the specifications and features of Dunbarton Corporation's HM series drywall (DW) and masonry (PD) frames. The drywall version is designed for drywall construction where the total wall thickness is 1" less than the jamb depth. The masonry frames are designed for all masonry openings. Drywall frames are available in 5-3/8" (min., non-kerf), 5-5/8" (min. kerf), 5-7/8", 6-1/4", 6-1/2", 6-3/8", 6-3/4", 7-1/8", 7-3/4", and 8-3/8" jamb depth. Masonry frames are available in 5-3/4", 7-3/4", and 8-3/4" jamb depth.

CONSTRUCTION: The masonry and drywall frames will be formed of 16 gage A40 galvannealed steel. The frames will be equipped with 18 gage steel reinforcements at miter joints to maintain proper miter alignment. All stops are 5/8", and all frame returns are 1/2". Frame faces are 2". Masonry header faces are available in 4".

All drywall frames will be provided with welded-in steel compression anchors that will be adjusted after the frame is installed. All masonry frames will be provided with welded-in expansion bolt anchors. The expansion bolts will be provided by the customer.

HARDWARE: Hinge jambs will be mortised and reinforced with 10 gage welded-in hinge reinforcements for 4 1/2" hinges and 12 gage welded-in reinforcements for 4" hinges to receive 1 1/2 pairs of template hinges or 2 pairs for all frames over 7'0" in height (hinges not provided). Strike jambs will be mortised and reinforced with 18 gage welded-in reinforcements to receive 2 3/4" T-strike and deadbolt (optional) or ASA strike.

All non-kerfed strike jambs will be prepared to receive three (3)

mutes, and non-kerfed headers for double doors will be prepared to receive two (2) mutes.

FINISH: All frames to be cleaned and coated with white primer. Finish paint is also available. For further information contact your sales representative.

STANDARD FRAME SIZES:

DRYWALL AND MASONRY FRAMES:

SINGLE FRAME WIDTHS	2'0" through 4'0"
DOUBLE FRAME WIDTHS	4'0" through 8'0"
FRAME HEIGHTS	6'8", 7'0" and 8'0"

PACKAGING:

- All primer-coated frames to be packaged on skids
- All pre-finished frames to be packaged in cartons.

Testing

• FLORIDA BUILDING CODE APPROVED (PD Masonry Only)

Positive 65.0 PSF
Negative 70.0 PSF

• WARNOCK HERSEY APPROVED

PD Masonry: Three (3) Hour Fire Rating
UL10B (negative) and 10C (positive)

Max Opening Sizes:

Singles: 4-0 x 10-0 Pairs: 8-0 x 10-0

DW Drywall: Ninety-Minute (90) Fire Rating: UL10B
(negative) and 10C (positive)

Max Opening Sizes:

Singles: 4-0 x 9-0 Pairs: 8-0 x 9-0



TO ONE (1) YEAR FROM THE DATE OF PURCHASE.

Some states do not allow limitations on how long an implied warranty lasts, so the above limitations may not apply to you. In the event the original consumer purchaser of any REDIFRAME product believes that the frame or any parts thereof covered by this warranty are defective, a letter outlining the alleged defect should be sent postage prepaid to the following address:

DUNBARTON DOOR AND ENTRY SYSTEMS
P.O. Box 8577
Dothan, Alabama 36304-0577

Any REDIFRAME product, or any parts thereof covered by this warranty which, upon inspection by an authorized representative of DUNBARTON, are found by said representative to be defective will be repaired, replace, or at the option of DUNBARTON, the purchase price of the frame or part will be refunded and does not include labor, installation costs, finishing costs, or indirect or consequential damages of any nature. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.



Door Frames

1101 Technology Drive | Dothan, AL 36303
800.633.7553 | 334.794.0661 | Fax: 334.793.3462
www.dunbarton.com | email: sales@dunbarton.com



REDIFRAME™

Steel Door Frames

INSTALLATION PROCEDURE



1 Set header over wall section.



2 Set hinge jamb over wall section.



3 Set strike jamb over wall section.



4 Pull down header. Attach hinges and hang door.



5 Apply fasteners starting at upper end of hinge jamb.



6 Slide corner backing angles into header casing.



7 Snap on header casing.



8 Slide jamb casing over corner backing angles. Align with jamb clips then snap on casing.

- 1 Set header over wall section, centering header in opening (Fig. 1).
- 2 Hold hinge jamb at an angle, slide jamb over wall section, positioning the door stop between header tab and header door stop. Press entire length of jamb over wall section. If wall fit is snug, rotate jamb slightly while applying pressure (Fig. 2).
- 3 Repeat steps in Fig. 2 to install strike jamb (Fig. 3).
- 4 Pull firmly down on header so that side jambs rest on finished floor. If floor covering is not yet installed, place a shim which equals thickness of floor covering underneath side jambs (Fig. 4). DO NOT FASTEN FRAME YET.
- 5 Install door and close in frame opening using the door as a template. Adjust frame to door so that clearances between top and sides of door and frame are equal and between 1/16"-1/8" (1.5875 – 3.175) (Fig. 5.). (See Page 2 for fastening schedule.)

For **Wood Casing Application**, use Wood Casing Instructions (Pg. 3). For

Steel, Aluminum or S56 Steel Colonial Casing Applications proceed with Steps 6, 7, and 8 below (Fig. 11, Pg 3).

- 6 Before applying casing, be sure all casing clips (Fig. 9, Page 2) are touching wall surface to assure snug fit of casing to wall. Slide corner pieces into header so that edges fit securely in casing channels (Fig. 6).
- 7 Position header casing so that both ends are equal distance from jamb face, then secure casing edge over top of clip. Snap casing in downward direction over bottom of clip (Fig. 7).
- 8 Slide jamb casing at slight angle over corner pieces so that edges fit securely in casing channel. Push casing upward to meet miter, then check for tight fit. Adjust header casing either left or right or push up on sides to form tight miter. Secure jamb casing edge over outside clip, pushing casing toward inside.

NOTE: On S56 casing, apply slight pressure on the outside edge of casing towards the door opening. Inside edge of casing will slip over remaining clip.

TO REMOVE CASING, use a small common screwdriver with a flat edge or a stiff putty knife. Start at the bottom of the upright casing on the **inside** of the frame. Gently insert the edge of the screwdriver between the casing and the leg of the frame. Slowly work the screwdriver up the casing to the first lance. Rotate the screwdriver in a **counter-clockwise** motion; the casing will pop off the inside curl of the lance. Repeat this procedure with remaining lances. After all inside lances have been cleared, gently ease the casing from under the **outside** lance curl and remove.

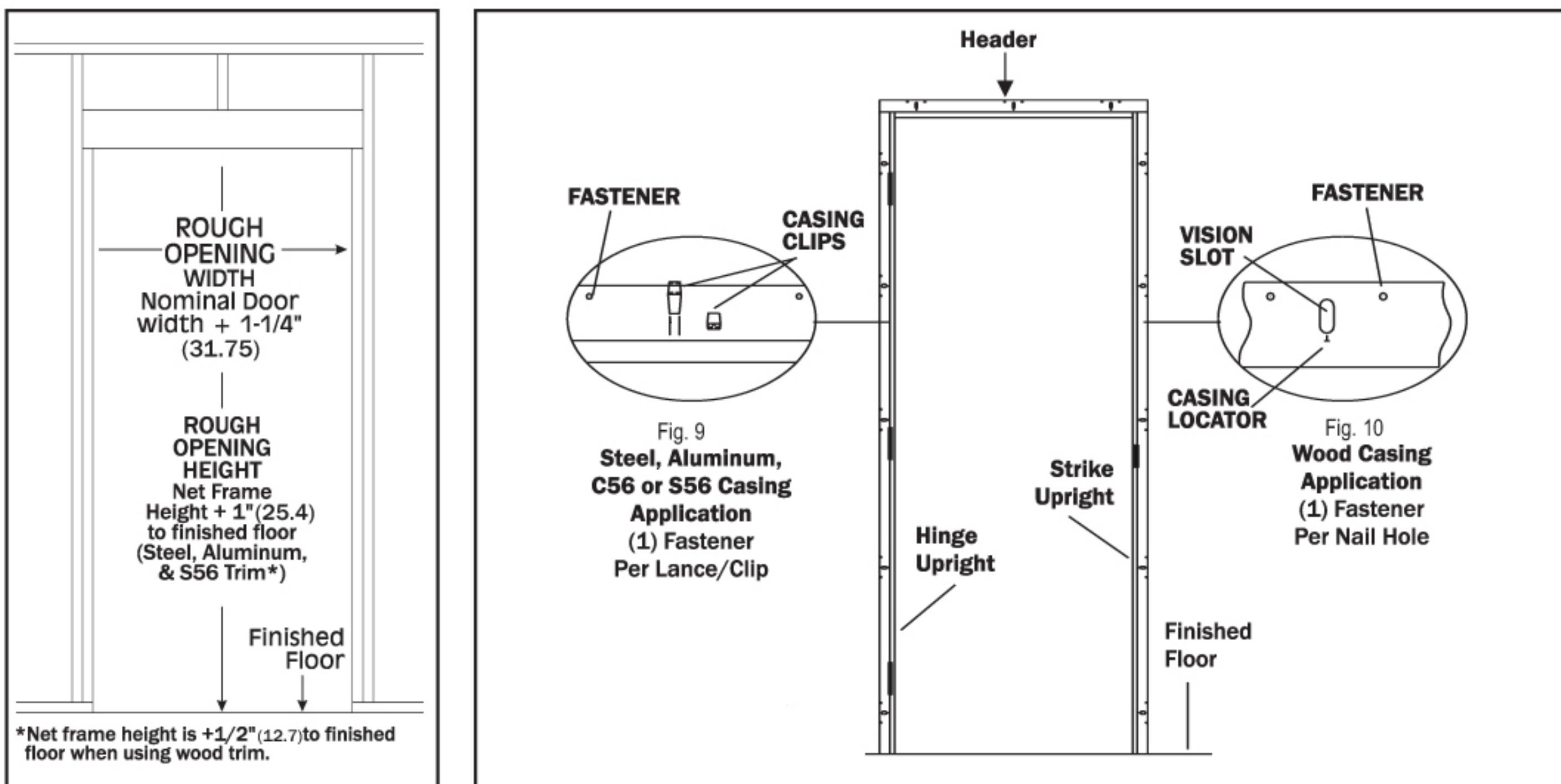
PRODUCT APPLICATION REQUIREMENTS

PAINT: Primed units should be painted within 30 (thirty) days with an oil-based enamel (recommended) or a high quality water base latex. A flash rust inhibitor must be used with water base latex method.

PAINT INSTRUCTION DETAILS: (1) Wet-clean with mild abrasive cleaner. Rinse completely and wipe dry; (2) Use a high quality interior or exterior (depending upon application) paint to finish the frame. Apply paint when temperature is above 50 degrees F and humidity is below 90%; (3) DO NOT PAINT WEATHERSTRIP. Kerf weatherstrip can be temporarily removed for painting. Consult factory.

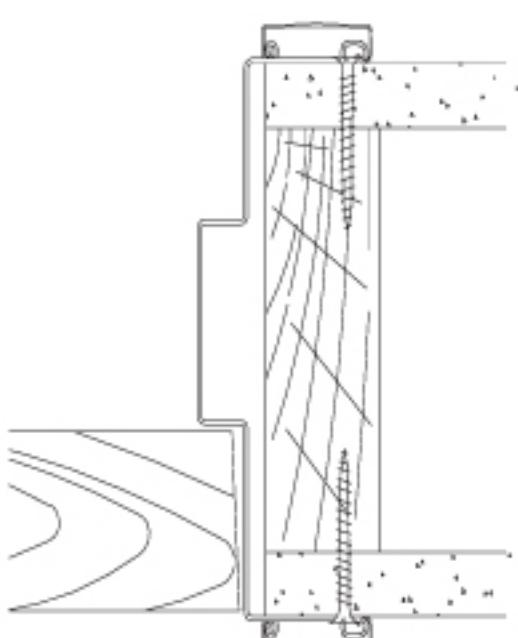
WEATHERSTRIP: Products such as Ultra or Pemko that compress to 1/16" (1.5875) maximum is recommended. NOT meeting this requirements COULD result in hinge bind.

REDIFRAME FRAMING and FASTENING SCHEDULE

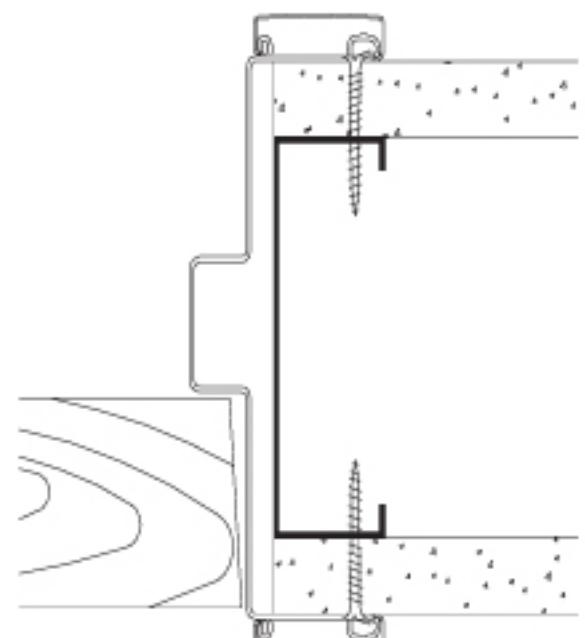


NOTE—BEFORE FASTENING: Determine hardware and reinforcements to be used (thresholds, closer, etc.) Be sure frame is not twisted.

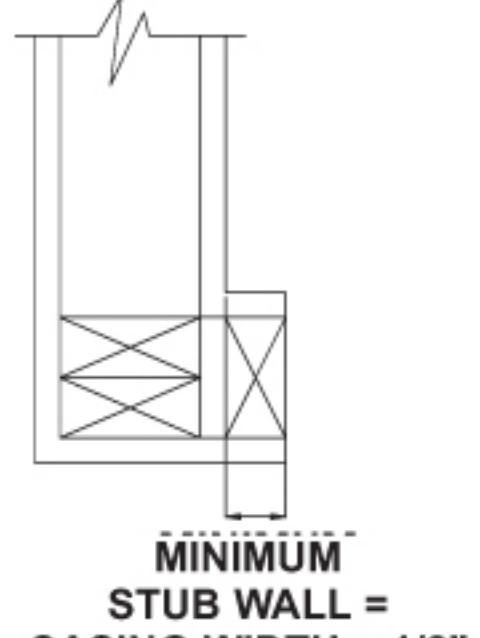
NOTE: ON FIRE-RATED FRAMES, fasteners must be a minimum of 1/2" (12.7) longer than the thickness of the drywall or sheathing applied to the stud.



Wall Construction:
Wood Studs & Drywall
Recommended Fasteners:
1-1/4" (31.75) (min.)
Drywall Screws,
Coarse Threads



Wall Construction:
Metal Studs & Drywall
Recommended Fasteners:
1-1/4" (31.75) (min.) Type "S"
Bugle Head Self-Tapping
Screws



MINIMUM STUB WALL = CASING WIDTH + 1/2" (12.7)

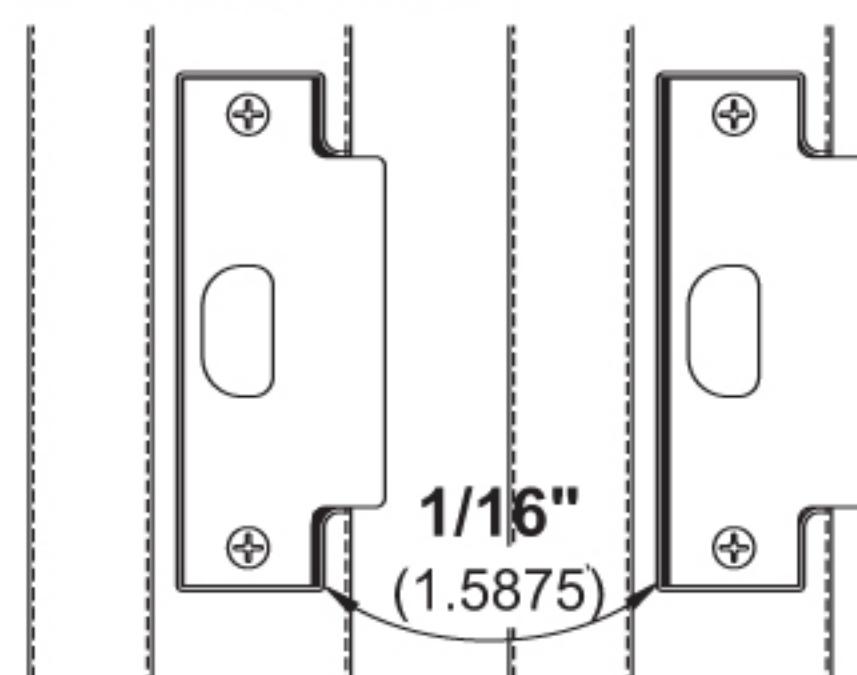
STUB WALL Example:
Steel & Aluminum Casing:
 $1-1/2" (38.1) + 1/2" (12.7) = 2" (50.8)$
S56 Casing:
 $2-1/4" (57.15) + 1/2" (12.7) = 2-3/4" (69.85)$

1 TO SECURE HINGE UPRIGHT:
Proceed downward from upper end of hinge upright. Apply one (1) fastener per lance / nail hole.

2 TO SECURE HEADER: Fasten header above hinge upright and proceed toward strike side. Apply one (1) fastener per lance / nail hole.

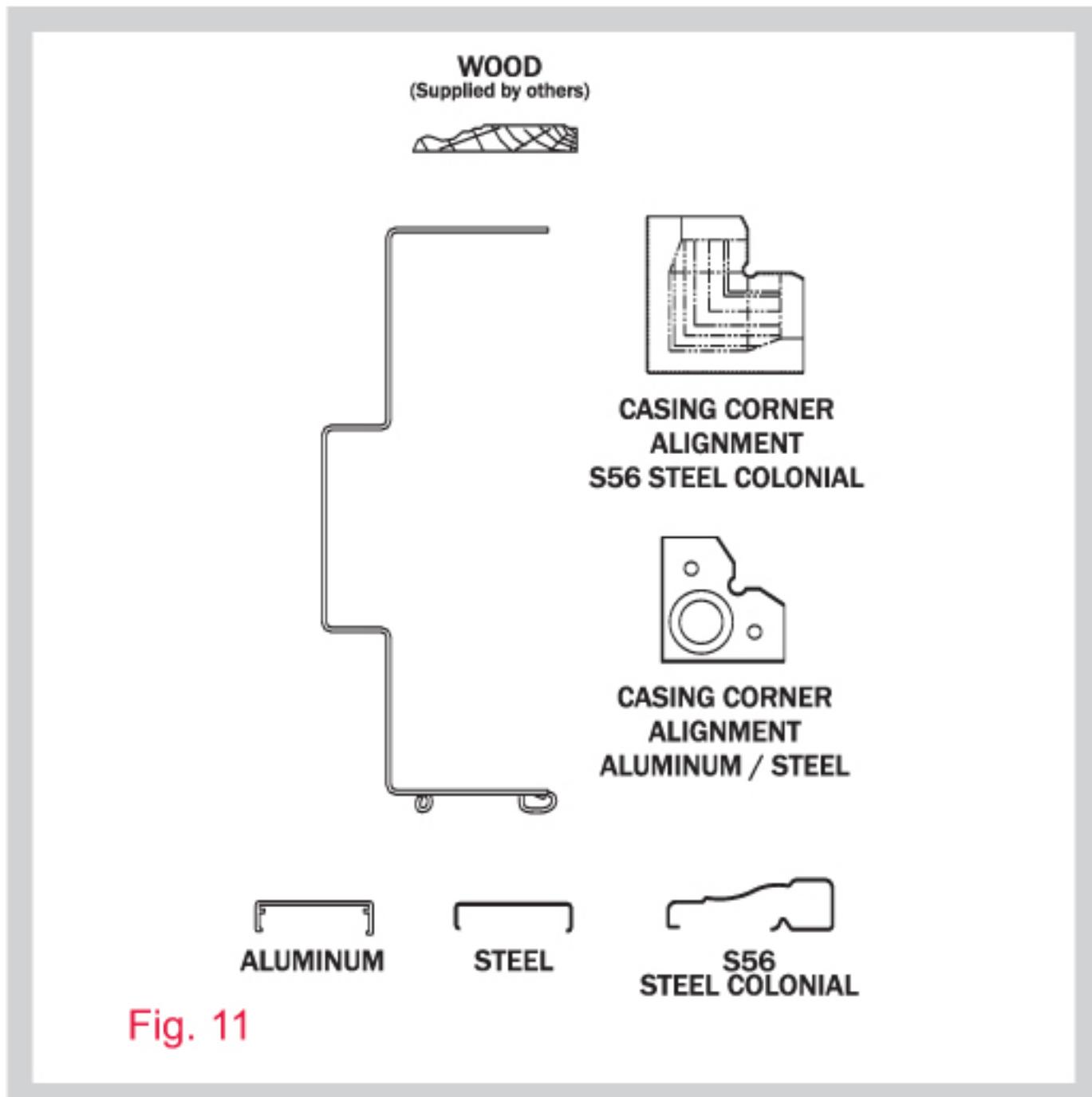
3 TO SECURE STRIKE UPRIGHT:
Proceed downward from upper end of strike upright. Apply one (1) fastener per lance / nail hole.

ADJUSTABLE ASA STRIKE EMBOSSED AND BACKUP PLATE



- 1 Loosen Screws**
- 2 Adjust Strike:** strike plate can be moved 1/16" (1.5875) horizontally to accommodate strike position.
- 3 Retighten Screws**
- 4 No Grinding Strike Plate**

CASING INSTRUCTIONS



WOOD CASING (Refer to Fig. 10, Pg. 2):

- 1 Located approximately 1/4" (6.35) from the inside edge of the frame opening, and centered on the vision slot, is a "T" shaped casing locator (Fig. 10, Pg. 2). Align wood casing edge to barely cover the "T" locator on header and uprights.
- 2 Position nail approximately 1/2" (12.7) from edge of the casing and centered on "T" locator.
- 3 Secure casing by simply driving nails flush with casing.

SEE PAGE 1 (STEPS 6, 7 & 8) FOR STEEL, ALUMINUM, AND S56 INSTRUCTIONS.

POSITIVE PRESSURE REQUIREMENTS:

CATEGORY "A" DOORS: No additional edge sealing required.

CATEGORY "B" DOORS: Additional Category "G" edge sealing required per the edge seal installation instructions.

"S" MARK VALID ONLY IF LISTED CATEGORY "H" SMOKE AND DRAFT CONTROL GASKET IS APPLIED.

INSTALLATION OF REGULAR ARM CLOSER REINFORCEMENT

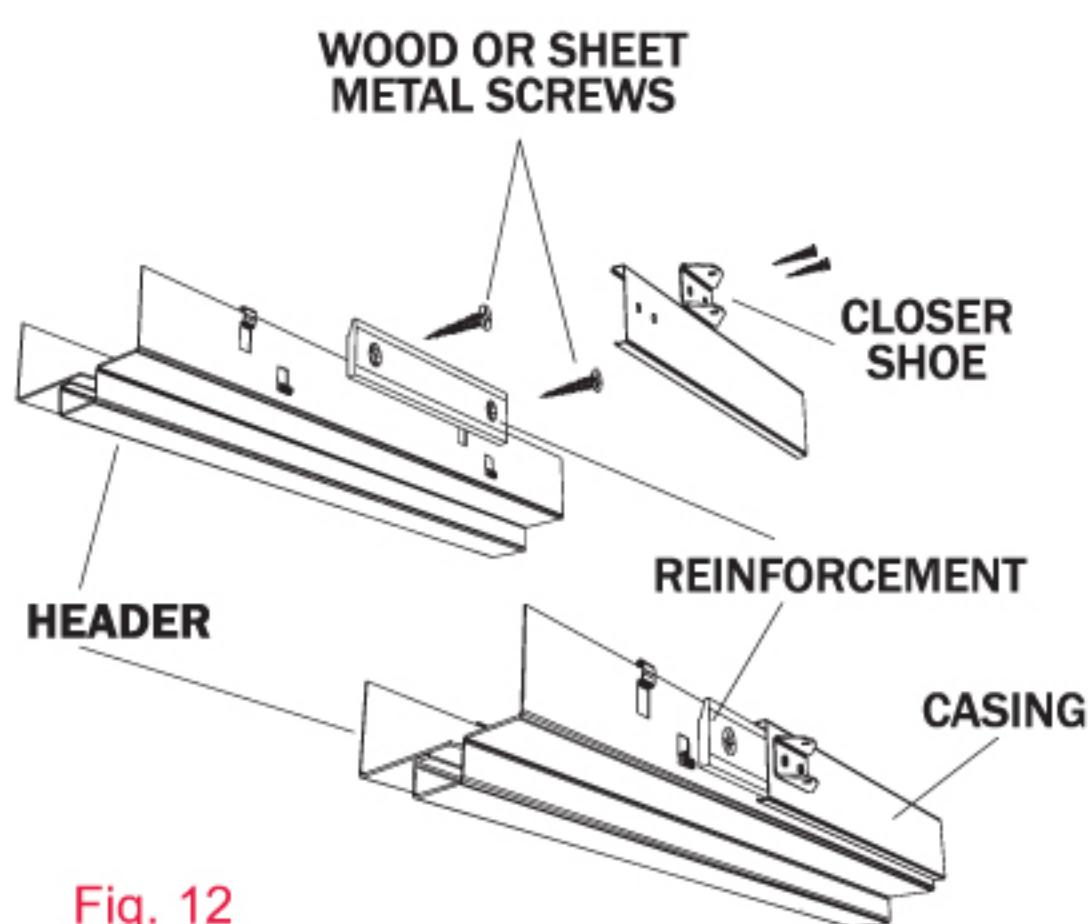
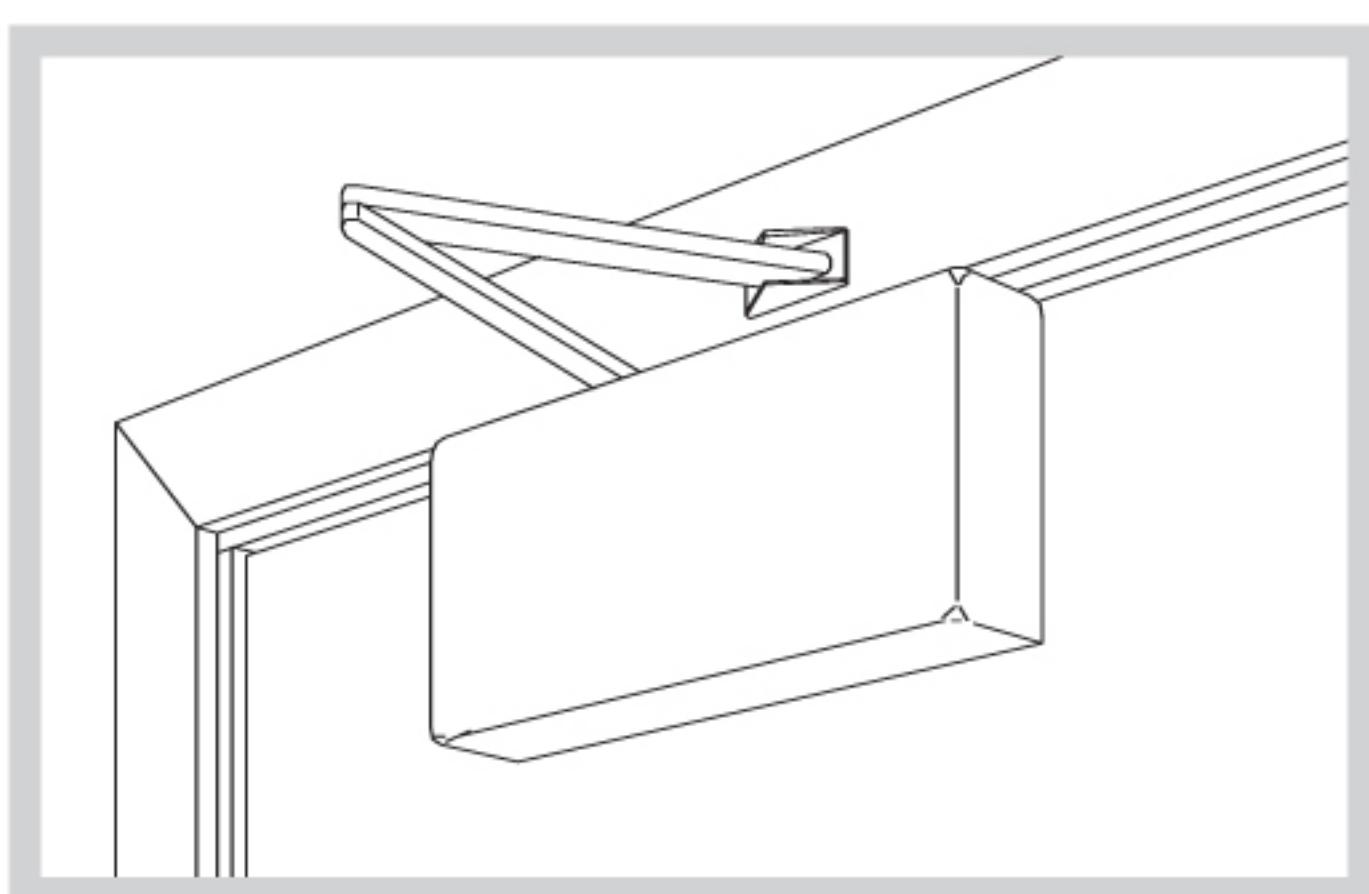


Fig. 12

- 1 Position closer reinforcement on header where the door closer shoe is to be mounted (Fig. 12).
- 2 Mount the reinforcement flush with the header face.
- 3 Drill 3/16" (4.7625) pilot holes in the header through the countersunk holes in the reinforcement and secure with 1-1/4" (31.75) Type "S" Bugle Head Self-Tapping Screws.
- 4 Install header casing.
- 5 Position closer shoe on frame and drill pilot holes through the casing and regular arm closer reinforcement.
- 6 Tap these holes as per the Closer Installation Instructions.
- 7 Secure the closer shoe to the frame.



LISTED FRAMES

CLOSER REINFORCEMENT IS OPTIONAL. IF REINFORCEMENT IS NOT USED, THROUGH BOLT INSTALLATION IS REQUIRED.

who to contact

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800-633-7553

e-mail: sales@dunbarton.com

website: www.dunbarton.com

Customer Service / Order Entry / Hand Samples

Joe Wilson, Customer Service / Regional Manager

Debbie Perry, Customer Service / Quotes

Liz Kidd, Customer Service Technician

Lynn Riley, Customer Service Technician

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800-974-9508

219

800-974-9309

220

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Susan Jacobs (email requests)

samples@dunbarton.com

Rediframe Products Sales Representatives

www.rediframe.com/agents/agents.htm

Electronic Sources (Specifications, CAD Details)



www.sweets.com
(DWG/DXF/DWF)



DUNBARTON
Door and Entry Systems

www.dunbarton.com
(DWG, Specifications)



www.reedfirstsource.com
(Specifications)

INSTALLATION OF PARALLEL ARM CLOSER REINFORCEMENT

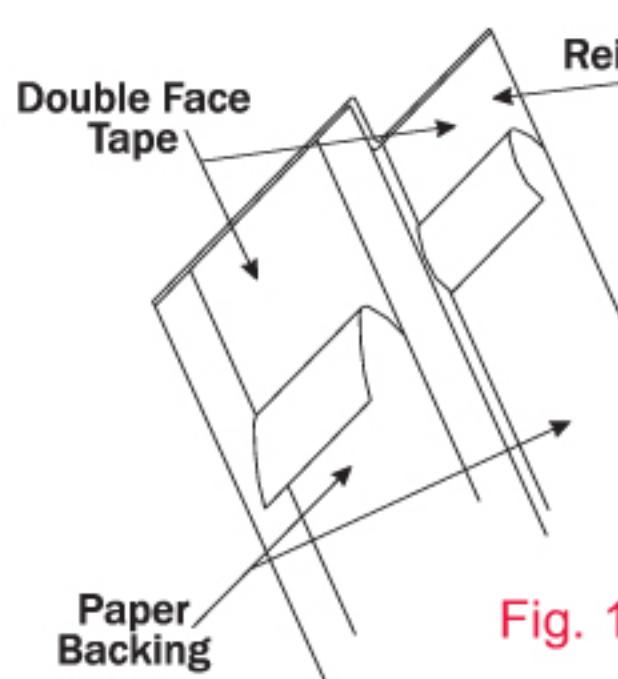
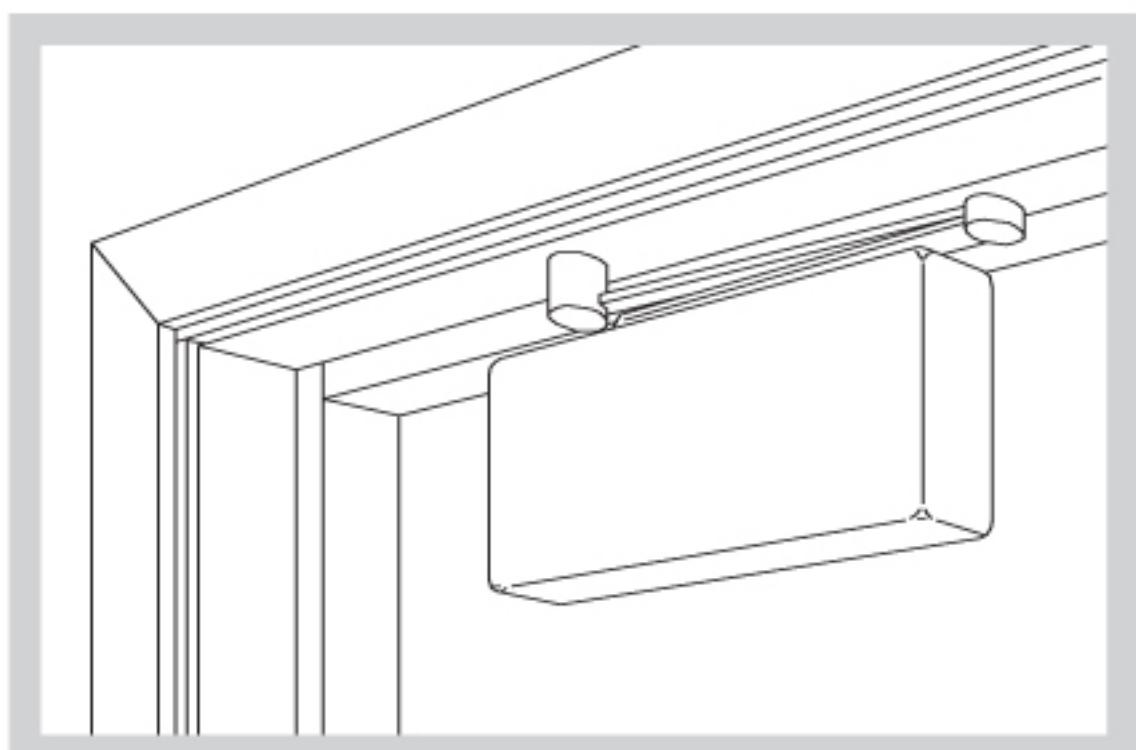


Fig. 13

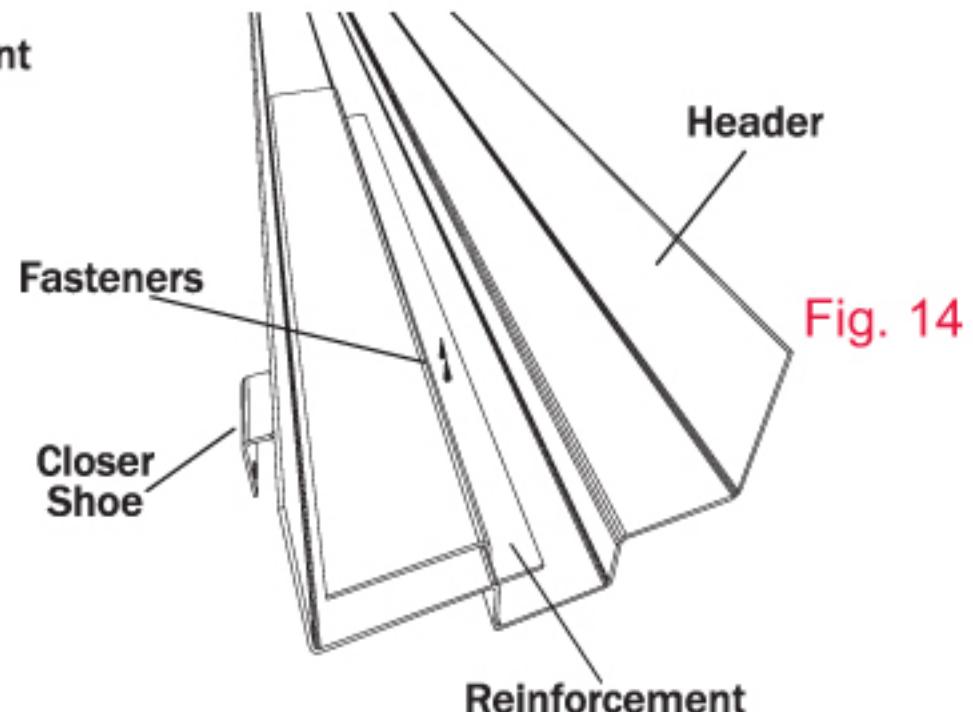


Fig. 14

WARNING
THE PARALLEL ARM CLOSER
REINFORCEMENT SLEEVE MUST BE
ATTACHED BEFORE INSTALLING
THE DOOR FRAME.

INSTALLATION OF RIM EXIT REINFORCEMENT

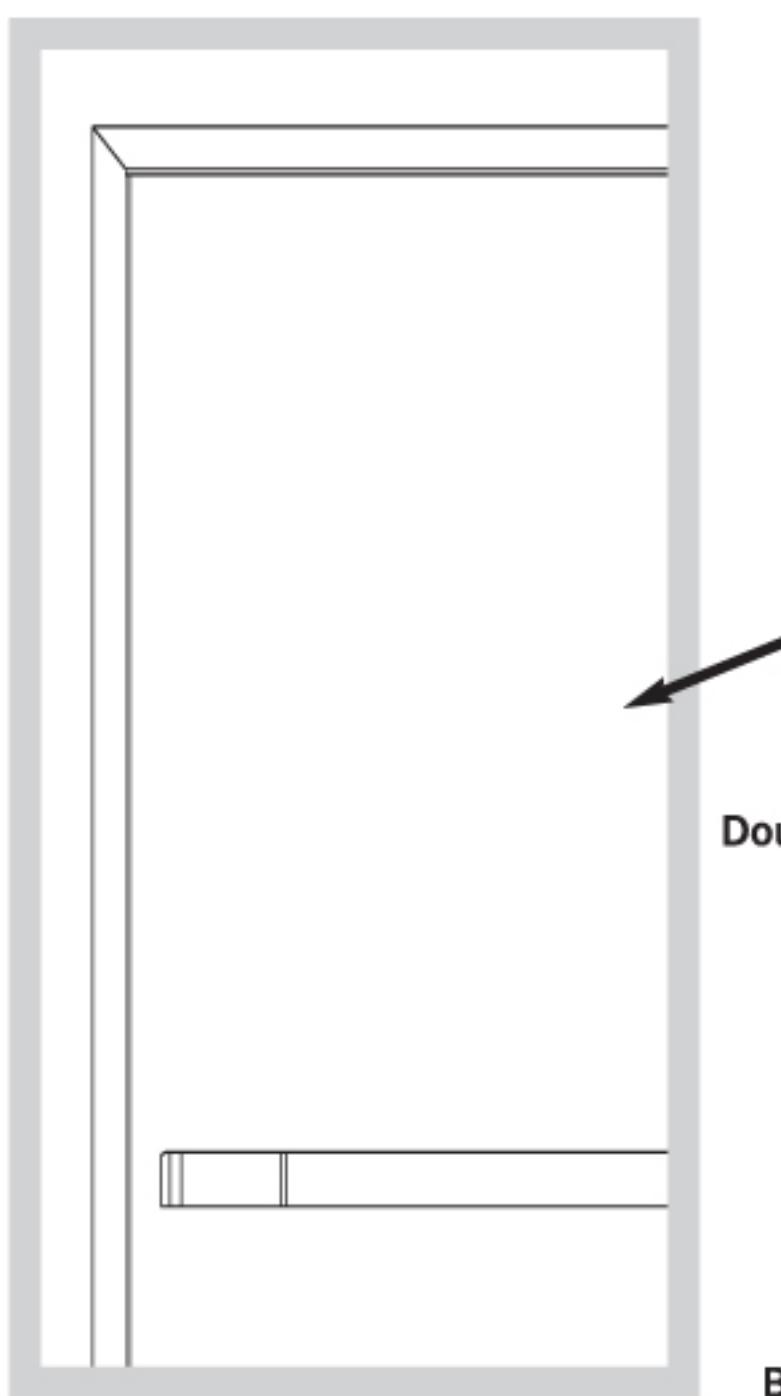


Fig. 17
Surface-Applied
Strike

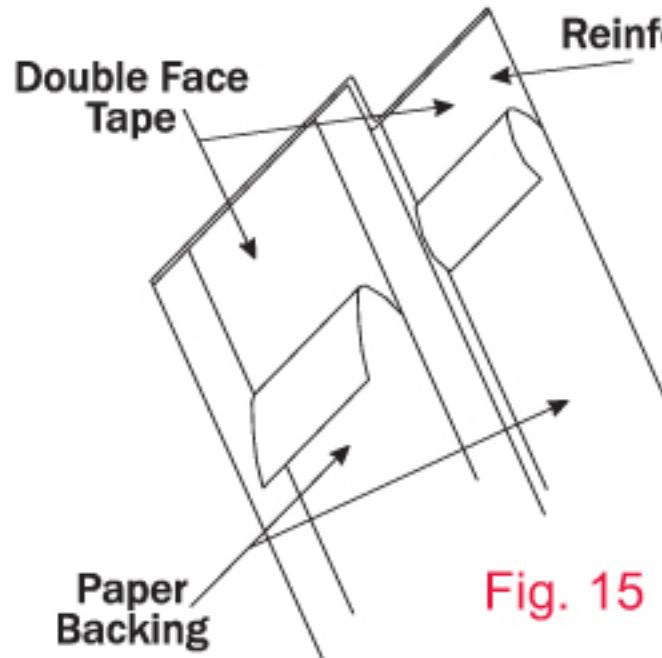


Fig. 15

- 1 Clean general area with solvent where Rim Exit Reinforcement is to be positioned on upright.
- 2 Expose double face tape by removing paper backing on two strips of tape (Fig. 15) and press into position to secure the sleeve to the frame (Fig. 16).
- 3 Drill and tap through frame and reinforcement for hardware attachment (Fig. 17).
- 4 Install frame and door in conventional manner.

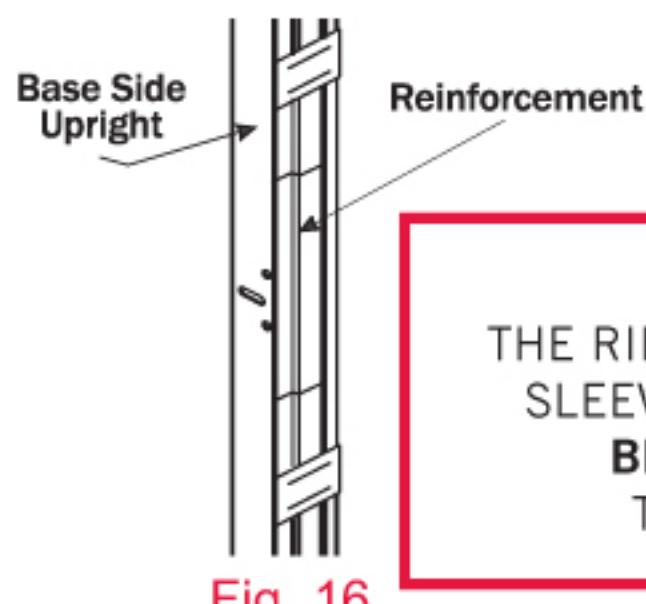


Fig. 16

WARNING
THE RIM EXIT REINFORCEMENT
SLEEVE MUST BE ATTACHED
BEFORE INSTALLING
THE DOOR FRAME.



REDIFRAME™

Steel Door Frames



REDIFRAME™

Marco de Acero
para Puertas

PROCEDIMIENTO DE INSTALACION



1 Fije el cabezal sobre la sección de la pared.



2 Fije el largueros de bisagra sobre la sección de la pared.



3 Fije el largueros punzonando sobre la sección de pared.



4 Hale hacia abajo el cabezal. Fije bisagras y cuelgue la puerta.



5 Aplique los sujetadores empezando por la parte superior del largueros de bisagra.



6 Inserte el esquinero en ángulo en el chambranas del cabezal.



7 Encaje a presión el chambrana del cabezal.



8 Deslice el chambrana del largueros lateral en el esquinero. Alinee con los sujetadores del largueros y encaje a presión.

1 Coloque el cabezal sobre la sección de pared, centralizando el cabezal en la abertura (Fig 1).

2 Sujete el largueros de bisagra en ángulo, deslice el largueros sobre la abertura, posicionando la parte que cierra la puerta entre el largueros de con pestana y el largueros con cierre de puerta. Presione el largo completo del largueros sobre la apertura. Si el ancho de la pared es demasiado, rote el largueros levemente mientras le aplica presión (Fig 2).

3 Repita los pasos en la Fig 2 para instalar el largueros de cerradura. (Fig 3)

4 Hale hacia abajo firmemente el cabezal hasta que los largueros laterales descansen en el piso. Si aun el piso no ha sido terminado, coloque un pedazo de madera como cuña que iguale el espesor del tipo de suelo terminado debajo de los largueros (Fig. 4). NO FIJE AUN EL MARCO

5 Instale la puerta y ajuste el marco utilizando la puerta como plantilla. Ajuste el marco a la puerta para que haya igualdad de espacio sobrante entre la parte superior y los lados de la puerta que equivalgan entre 1/16" – 1/8" (1.5875 – 3.175) (Fig 5) Vea pag. 2 para lista de sujetadores. Para aplicaciones de chambranas de madera use instrucciones correspondientes (Page 3).

Para aplicaciones de chambranas Acero, Aluminio o Acero Colonial S56 proceda con los pasos 6, 7, y 8 siguientes (Fig. 11, Pag 3).

6 Antes de aplicar el chambrana, asegúrese de que todos los sujetadores del chambrana están tocán-

do la superficie de la pared (Fig. 9, Pag 2) para asegurar una instalación ajustada del chambrana a la pared. Deslice los esquineros de ángulo en el chambrana del cabezal para que los bordes estén acomodados en los canales del chambrana (Fig 6).

7 Posicione el chambrana del cabezal de tal manera que ambas puntas estén a igual distancia de la cara del largueros, entonces asegure el borde del chambrana sobre el sujetador superior. Encaje a presión en dirección hacia abajo sobre el sujetador inferior (Fig. 7).

8 Deslice el chambrana del largueros a un ángulo leve de tal manera que los bordes encjen seguramente en el canal del chambrana. Empuje hacia arriba para alcanzar el corte en ángulo y entonces verifique que haya un acomodo ajustado. Ajuste el chambrana del cabezal hacia la izquierda o derecha o empuje hacia arriba los lados para ajustar el corte en ángulo. Asegure la orilla del chambrana sobre de el sujetador de afuera, empujando el chambrana hacia adentro.

NOTA: En chambranas S56, aplique una leve presión en la orilla de afuera del Cubre faltas hacia la abertura de la puerta. Las orillas interiores del chambrana se deslizaran sobre el sujetador restante.

PARA REMOVER EL CHAMBRANA: Use un destornillador común pequeño con punta plana o un cuchillo de espesar macilla. Empiece en la parte de abajo del chambrana del pasta en la parte de adentro del marco. Suavemente inserte la punta del destornillador entre el

chambrana y la pierna del marco. Despacio trabaje el destornillador hacia arriba del chambrana hasta el primer corte de lanza. Rote el destornillador en contra de las manecillas del reloj; el chambrana se desprenderá de dentro de la curva de lanza. Repita este procedimiento con los cortes de lanza restantes. Después que todos los cortes de lanza interior hayan sido despegados, suavemente saque el chambrana de abajo del corte de lanza exterior y remueva.

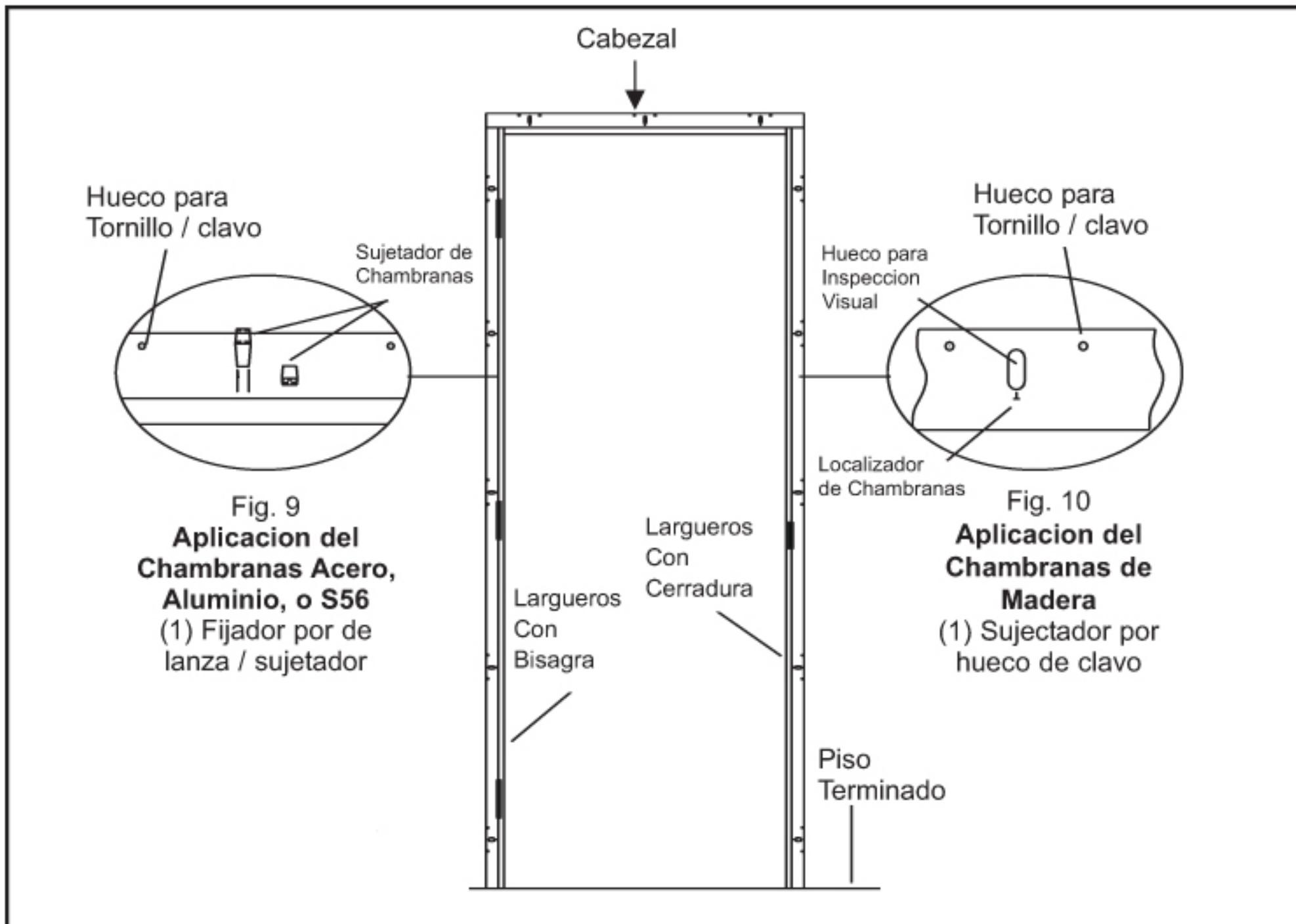
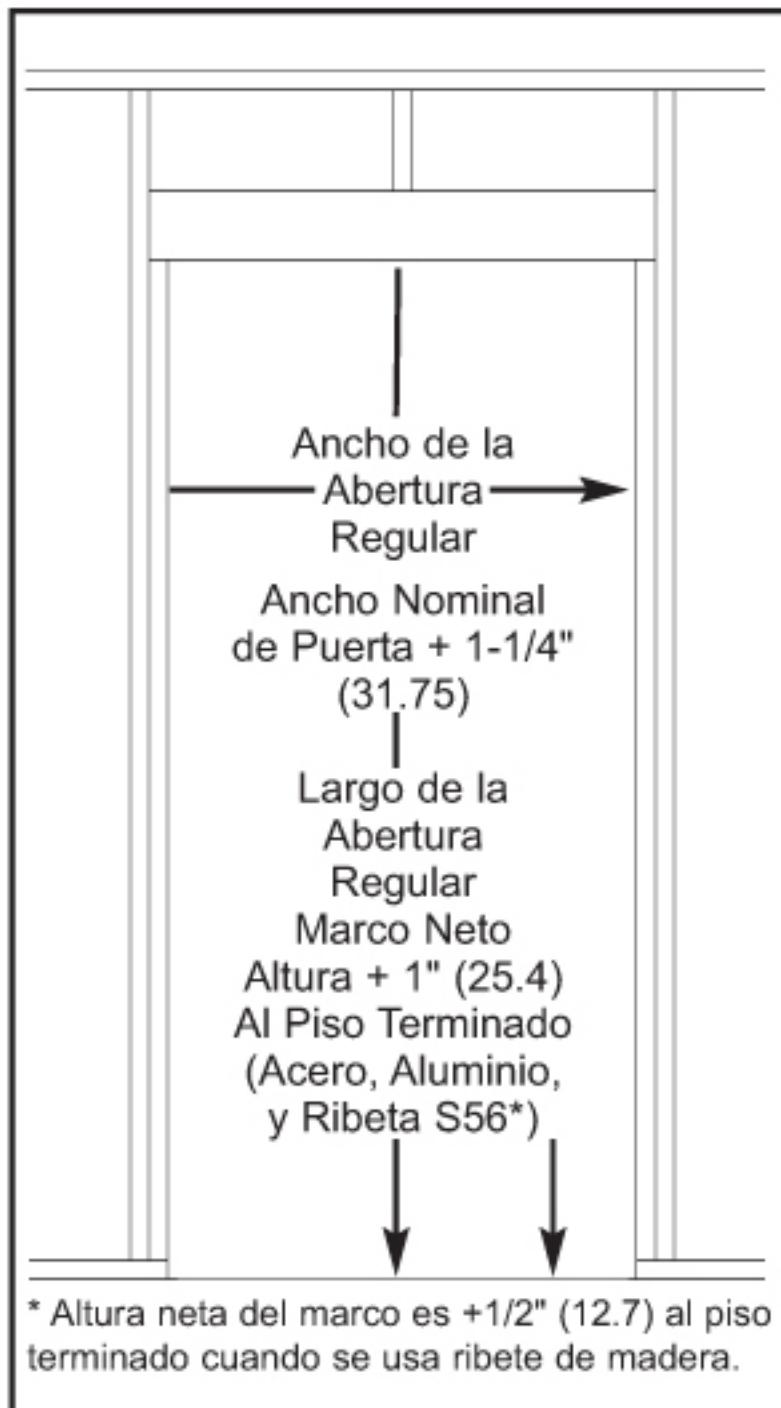
REQUISITOS PARA LA INSTALACION DE PRODUCTOS ESPECIALES

PINTURA: Unidades con capa de pintura primaria deben ser pintadas dentro de 30 (treinta) días con un esmalte a base de aceite (recomendado) o una de alta calidad con base de agua látex. Un inhibidor de moho se debe usar cuando utilice pintura a base de agua látex. Consulte la fabrica.

INSTRUCCIONES DETALLADAS PARA PINTAR: (1) Limpie con un paño mojado en una solución suave de limpiador abrasivo. Enjuague bien y seque completamente. (2) Use una pintura de alta calidad para interior o exterior (dependiendo del uso) para terminar el marco. Aplique la pintura cuando la temperatura esté sobre 50° F y la humedad sea menor de 90%. (3) NO PINTE EL SELLO AISLANTE. (El sello aislante Kerf puede ser removido temporalmente para pintar.) Consulte con la planta manufacturera.

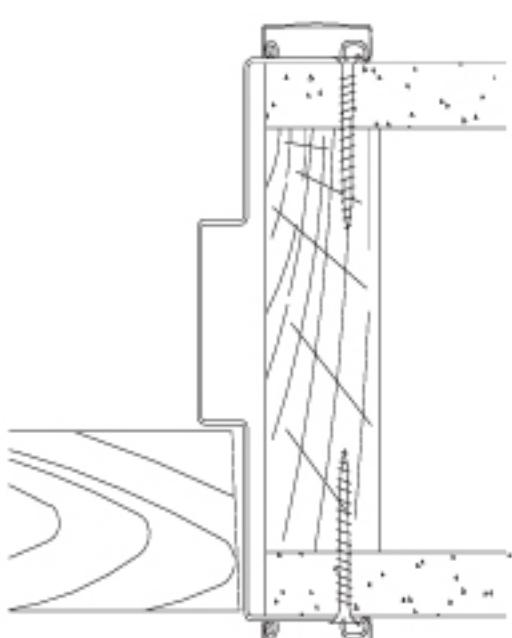
SELLO AISLANTE: Es recomendado para tales productos como Ultra o Pemko que comprimen a un máximo de 1/16" (1.5875). EL NO cumplir con estos requisitos PODRIA resultar en que se trabe la bisagra.

PROCEDIMIENTO PARA ASEGURAR EL MARCO REDIFRAME

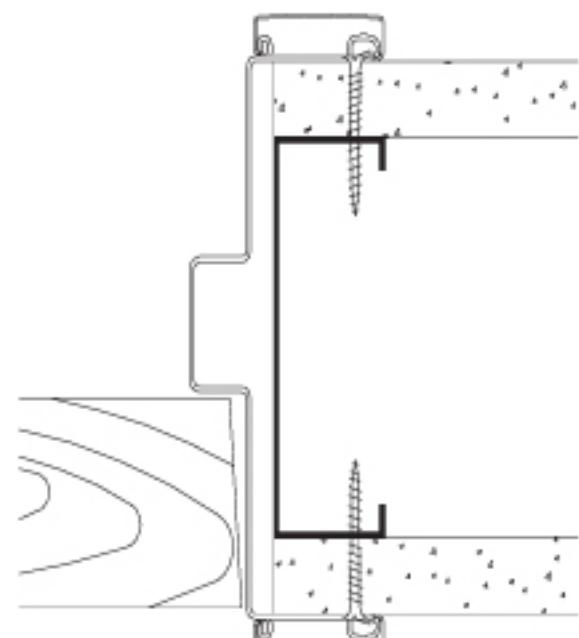


NOTA ANTES DE SUJETAR: Determine cuales son los herrajes y refuerzos a utilizarse (umbral, cierra puertas, etc.). Asegúrese de que el marco no esté torcido.

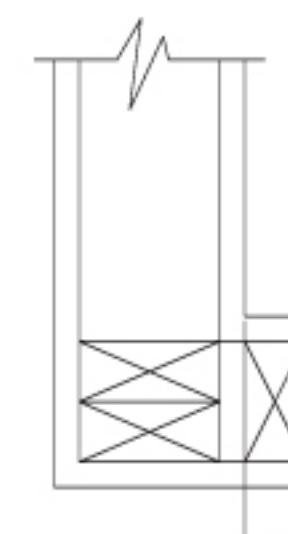
NOTA: EN MARCOS CON TASA A PRUEBA DE FUEGO, los sujetadores deben un mínimo de $\frac{1}{2}$ " (12.7) mas largo que el espesor de la pared de piedra seca o revestimiento aplicado al poste.



Construcción de Pared:
Poste de Madera/ Piedra Seca
Sujetadores Recomendados:
1-1/4" (31.75) (min.)
Tornillos de Piedra Seca
Estrías separadas



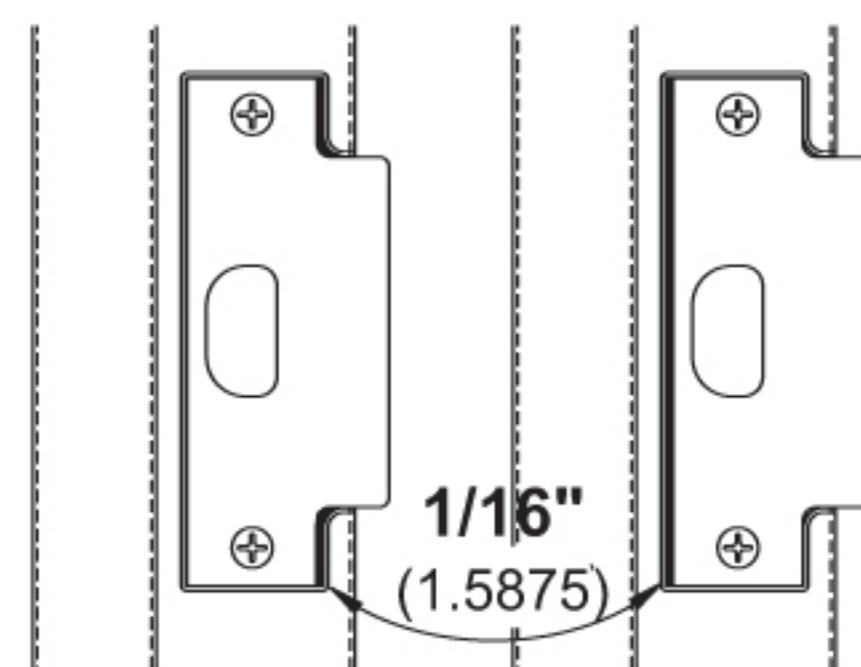
Construcción de Pare
Postes de Metal/Piedra Seca
Sujetadores Recomendados:
1-1/4" (31.75) (min.) Tipo "S"
Tornillos Auto-penetrantes
de forma de trompeta



Minimo Para Pared de Poste-Ancho del Chambranas + 1/2" (12.7)

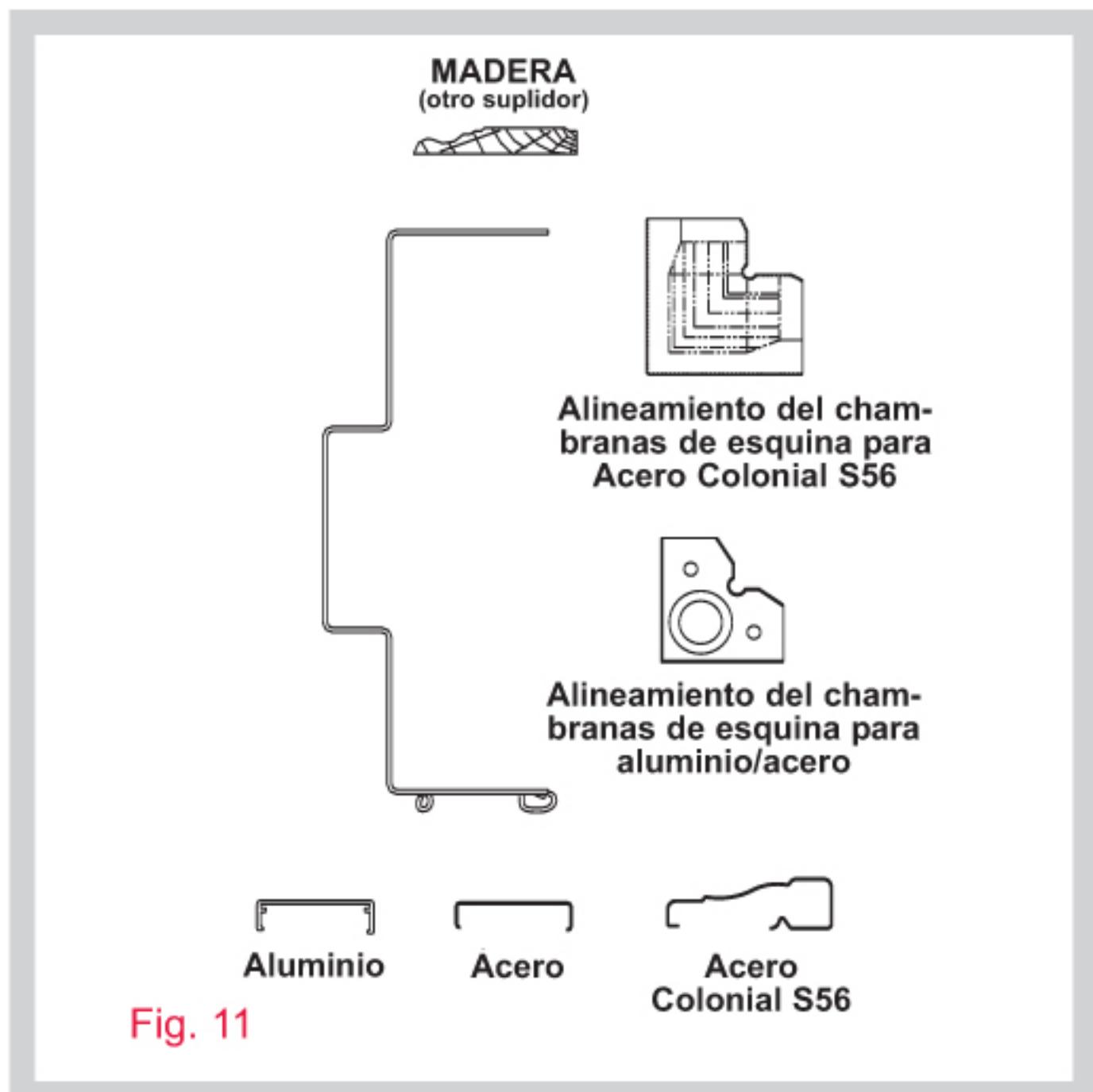
Pared de Postes
Ejemplo:
Chambranas de Aluminio y Acero
1-1/2" (38.1) + 1/2" (12.7)
= 2" (50.8)
Chambranas S56
2-1/4" (57.15) + 1/2" (12.7)
= 2-3/4" (69.85)

PLACA DE CERRADURA ASA AJUSTABLE Y PRE-ACUÑADA



- 1 Afloje los tornillos
- 2 Ajuste orificio de cerradura – La placa para la cerradura puede ser movida un 1/16" (1.5875) horizontalmente para acomodar la posición del orificio de la cerradura.
- 3 Apriete los tornillos nuevamente
- 4 No haya roce en la placa de la cerradura

INSTRUCCIONES PARA CHAMBRANAS



CHAMBRANAS DE MADERA

(Refiérase a Fig. 10, Pg. 2):

- 1 Un localizador de chambranas en forma de 'T' se encuentra aproximadamente 1/4" (6.35) del borde interior de la abertura del marco y centralizado con el hueco visual. (Fig 10, Pag 2). Alinee el borde del chambranas de madera para que casi cubra el localizador "T" en el cabezal e largueros.
- 2 Posicione el clavo aproximadamente 1/2" (1.27) del borde del chambranas y centralice con el localizador "T".
- 3 Asegure el chambranas simplemente llevando los clavos a nivel ras con el chambranas.

VEA PAGINA 1 (PASOS 6, 7 & 8) PARA INSTRUCCIONES DE ACERO, ALUMINIO Y S56.

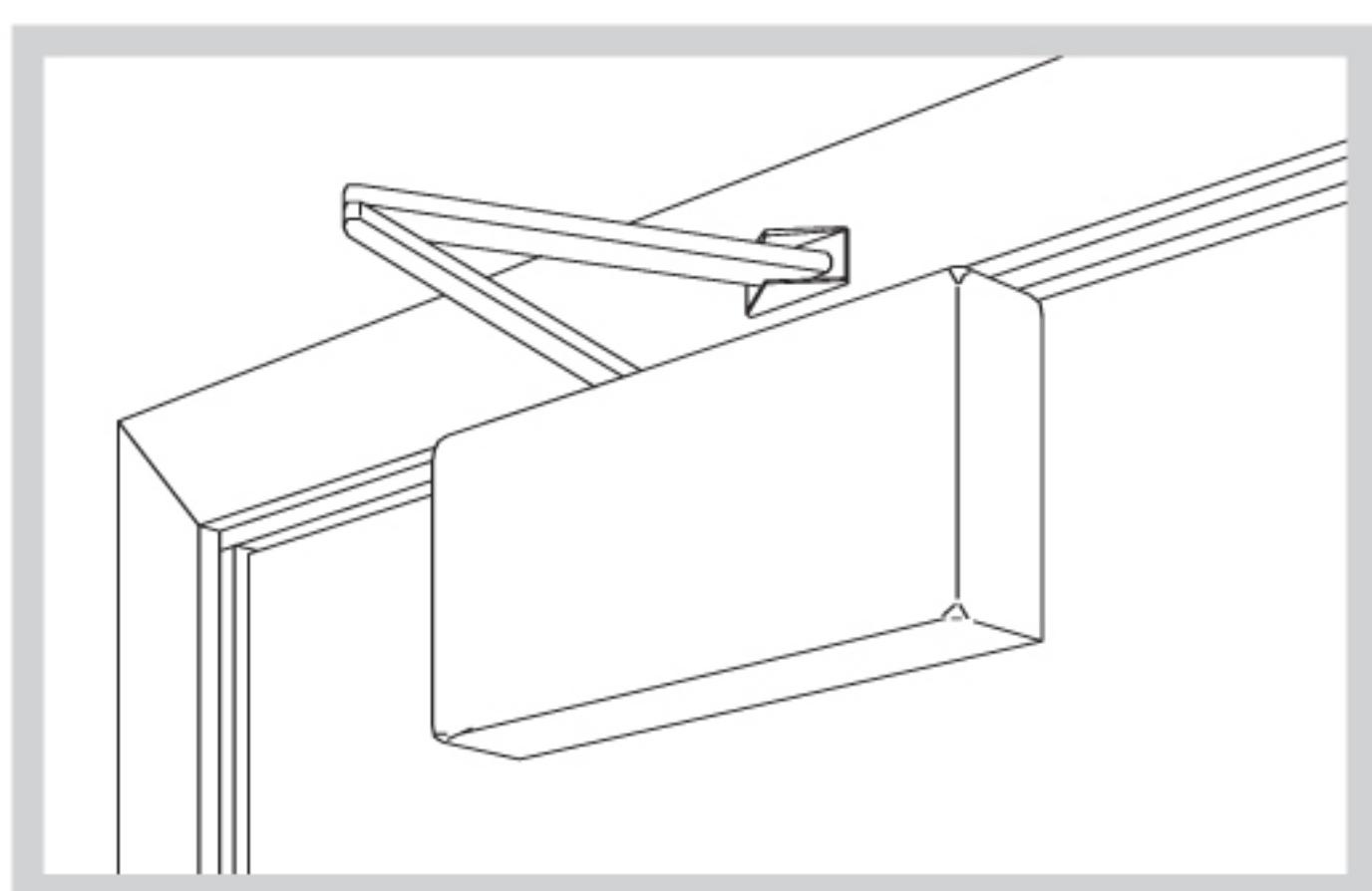
REQUISITOS DE PRESION POSITIVA:

Puertas categoría "A": No se requiere sellante de borde adicional.

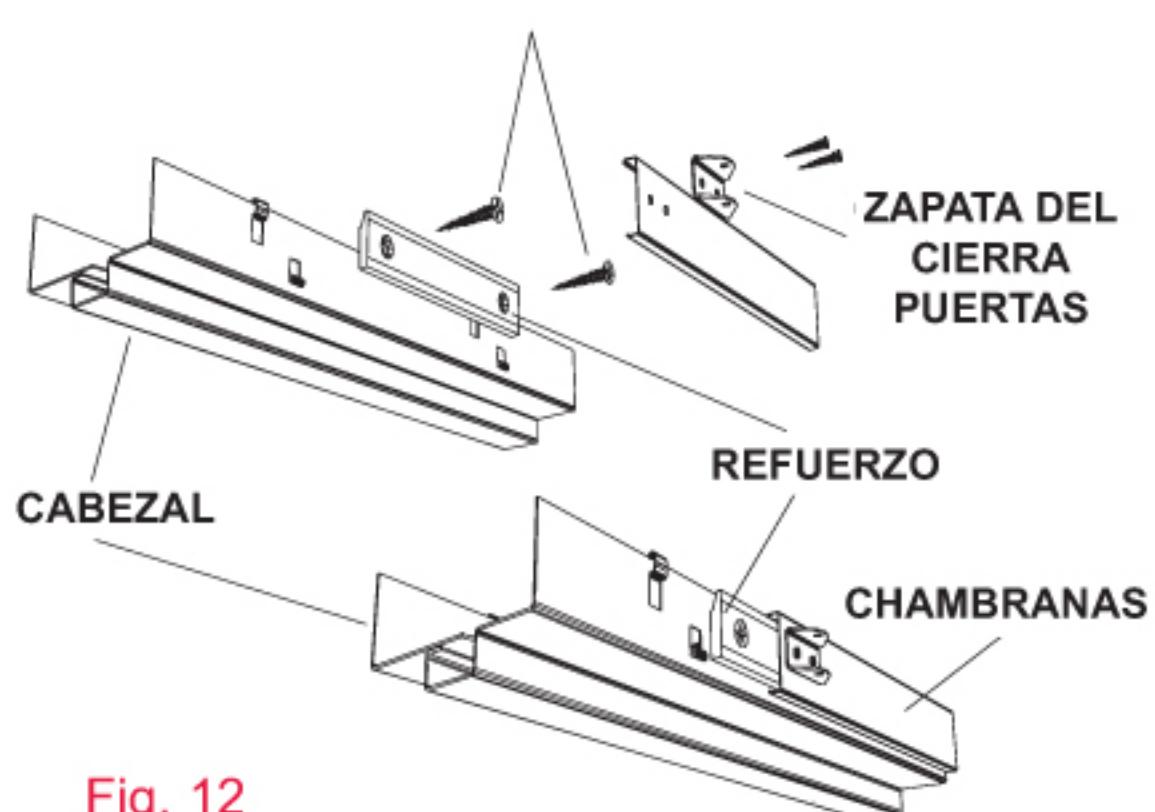
Puertas categoría "B": Se requiere sellante de categoría "G" adicional según las instrucciones de instalación del sello de borde.

LA MARCA "S" ES VALIDA SOLAMENTE SI EL SELLO DE CONTROL DE CORRIENTE DE AIRE DE CATEGORIA "H" ES APLICADO.

INSTALACION DEL REFUERZO DEL CIERRA PUERTAS REGULAR



TORNILLOS PARA MADERA O HOJA DE METAL



1 Posicione el refuerzo del cierra puertas regular en la parte del cabezal donde la zapata del cierra puertas va a ser montada. (Fig. 12).

2 Monte el refuerzo parejo con la cara del cabezal.

3 Taladre 3/16" (4.7625) huecos pilotos en el cabezal a través de los hueco premarcados en el refuerzo y asegure con 1-1/4" (31.75) tornillos "Tipo S" forma de trompeta auto penetrantes.

4 Instale el chambranas del cabezal.

5 Posicione la zapata del cierra puertas en el marco y perfore agujeros pilotos a través del chambranas y el refuerzo del cierra puertas.

6 Aterrage los agujeros según las instrucciones de instalar el brazo mecánico.

7 Asegure la zapata del cierra puertas al marco.



MARCOS ENUMERADOS

REFUERZOS DE EL CERRADOR SON OPCIONALES. SI NO SE USA REFUERZO, UN PERNON QUE ATRAVIESE SE REQUIERE SER UTILIZADO.



REDIFRAME®

Adjustable Steel
Door Frames (Rediflex)

REDIFLEX ADJUSTABLE FRAME INSTALLATION PROCEDURE

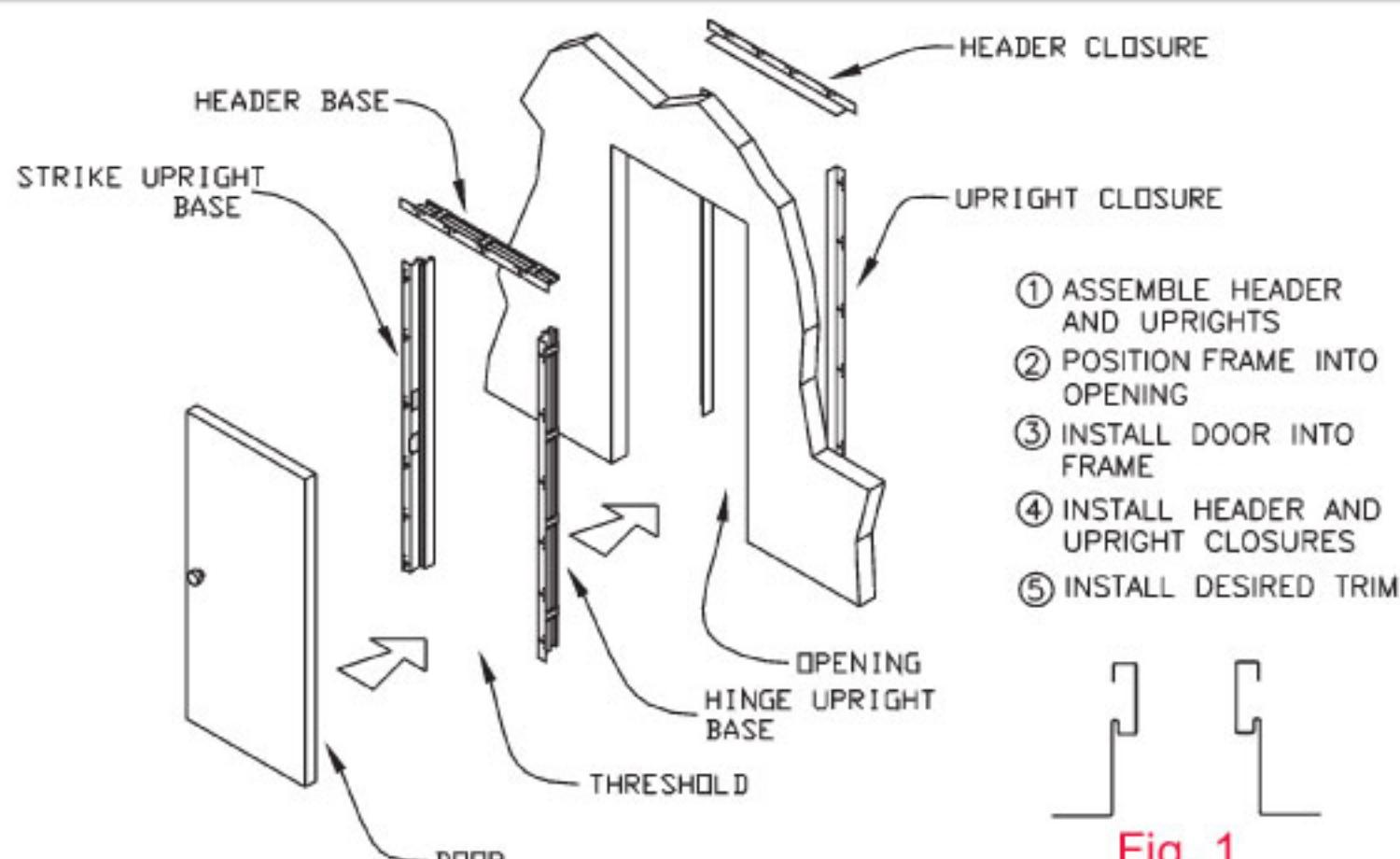


Fig. 1

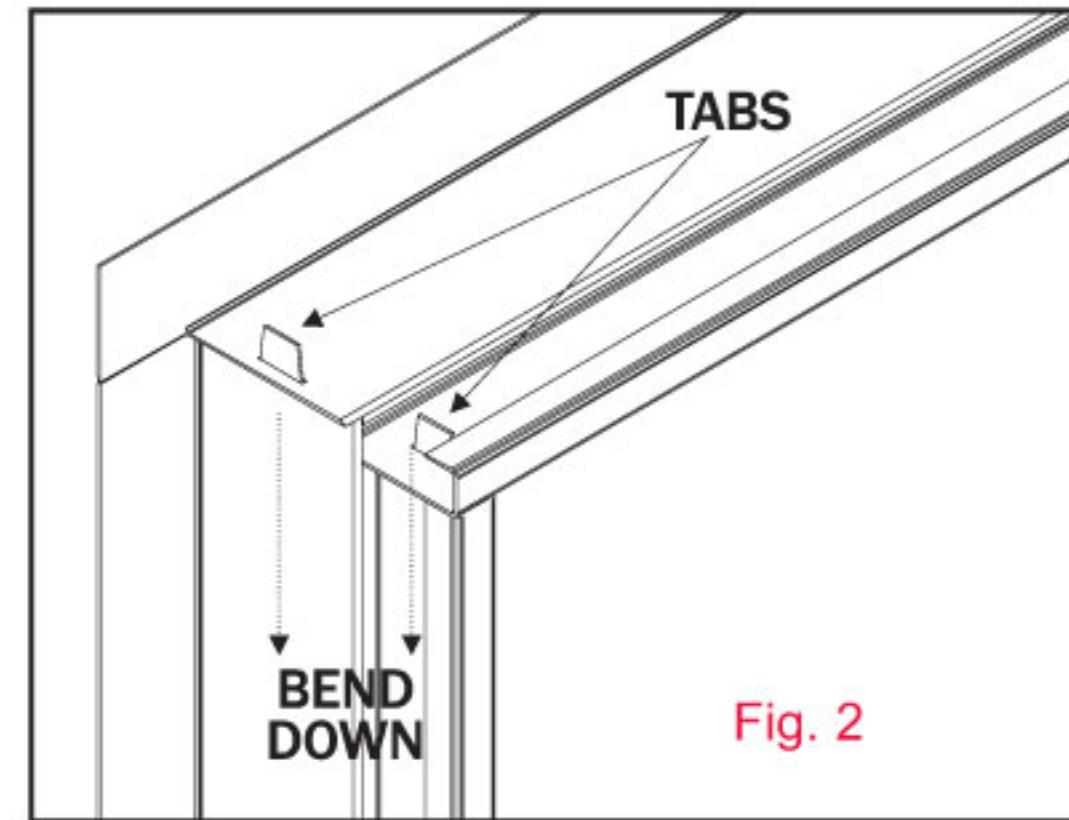


Fig. 2



Fig. 4



Fig. 5



Fig. 6

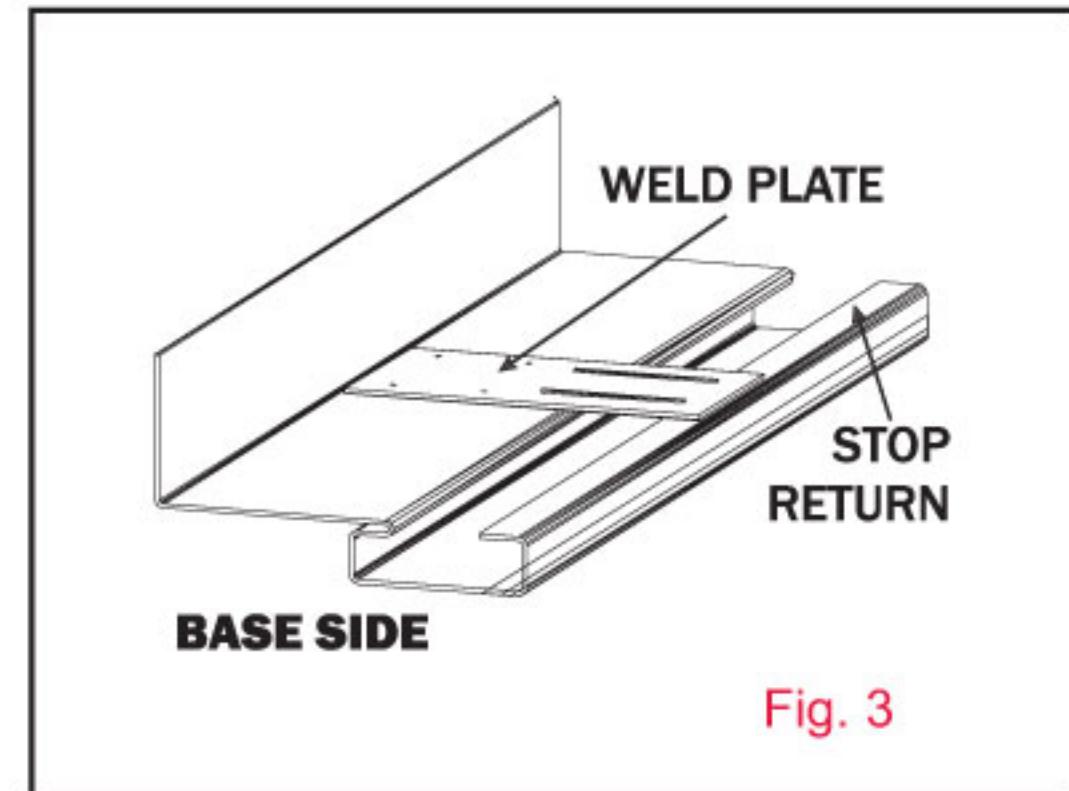


Fig. 3

- 1 Open carton and remove all frame components.** Inspect for any damage. If damage is apparent, notify dealer or sales representative immediately to expedite replacement.
- 2 Assemble base side of frame** (which consists of hinge jamb, strike jamb, and header) by placing the face or nailing flange face down on a flat surface (Fig. 1). Insert tabs which are located on the ends of the jambs into the slots in the header. Bend tabs outward and down to secure tight fit between the jambs and header (Fig. 2). Stand frame upright and place into rough opening. **Note:** If using threshold, install prior to placement into rough opening.
- 3 Square header and hinge jamb** by using a carpenter's square, then secure the corner of the header. Using a level, plumb the hinge jamb and secure (begin at the top). Repeat process for strike jamb.
- 4 Install door and close in frame opening** using the door as a template. Adjust frame to door so that clearances between the door and the frame are equal and between $1/16" - 1/8"$ ($1.5875" - 3.175"$). After adjusting for proper fit, secure with recommended screws.
- 5 Install closure pieces** from rear side by guiding closure between plate and stop. Begin at either end of any closure piece. It may be necessary to apply slight pressure to the outside of frame at start point to allow closure to go between plate and stop. When all closure pieces are installed and clearances set, fasten

to wall. **Note:** While installing closure pieces, make sure the closure goes between the stop return and each individual weld plate of the base side of frame (Fig. 3).

- 6 Install weatherstripping** or smoke gasketing as required, lockset, and adjustable strike. Adjust strike to remove any movement of door after latching. Add additional fasteners if required.
- 7 To apply WOOD casings**, locate "T" mark on face of frame. Place edge of casing parallel to "T". Locate casing nail approximately $1/2"$ (12.7) back from top of "T" and centered, then drive. This will allow nailing through the frame through the oval slot (Fig. 10, Fig. 12).
- 8 To apply STEEL, ALUMINUM and S56 STEEL COLONIAL casings**, slide corner alignment pieces into header ends so the edges of corner pieces are securely fitted inside the casing channel. Center header casing on frame and snap into place by hooking casing edge under outside of casing lance, then snapping over inside of lance. **DO NOT FORCE CASING OVER BOTH SIDES OF LANCE SIMULTANEOUSLY.** Hold jamb casing at a slightly outward angle and fit mitered end over corner piece protruding from header casing; push upward to meet miter of header casing. Make certain that jamb casing is aligned with jamb casing lances (tap header left or right as needed with hammer handle) and hook casing over outside lance. Survey miter joint for secure fit (adjust header casing left or right as needed), then snap casings

over inside of lance and complete opposite sides (Fig. 4,5,6,9,12).

TO REMOVE CASING, use a small common screwdriver with a flat edge or a stiff putty knife. Start at the bottom of the upright casing on the **inside** of the frame. Gently insert the edge of the screwdriver between the casing and the leg of the frame. Slowly work the screwdriver up the casing to the first lance. Rotate the screwdriver in a **counter-clockwise** motion; the casing will pop off the inside curl of the lance. Repeat this procedure with remaining lances. After all inside lances have been cleared, gently ease the casing from under the **outside** lance curl and remove.

PRODUCT APPLICATION REQUIREMENTS

PAINT: Primed units should be painted within 30 (thirty) days with an oil-based enamel (recommended) or a high quality water base latex. A flash rust inhibitor must be used with water base latex method.

PAINT INSTRUCTION DETAILS: (1) Wet-clean with mild abrasive cleaner. Rinse completely and wipe dry; (2) Use a high quality interior or exterior (depending upon application) paint to finish the frame. Apply paint when temperature is above 50 degrees F and humidity is below 90%; (3) **DO NOT PAINT WEATHERSTRIP.** Kerf weatherstrip can be temporarily removed for painting. Consult factory.

WEATHERSTRIP: Products such as Ultra or Pemko that compress to $1/16"$ (1.5875) maximum is recommended. NOT meeting this requirements COULD result in hinge bind.

INSTALACION DEL REFUERZO DEL CIERRA PUERTAS PARALELO

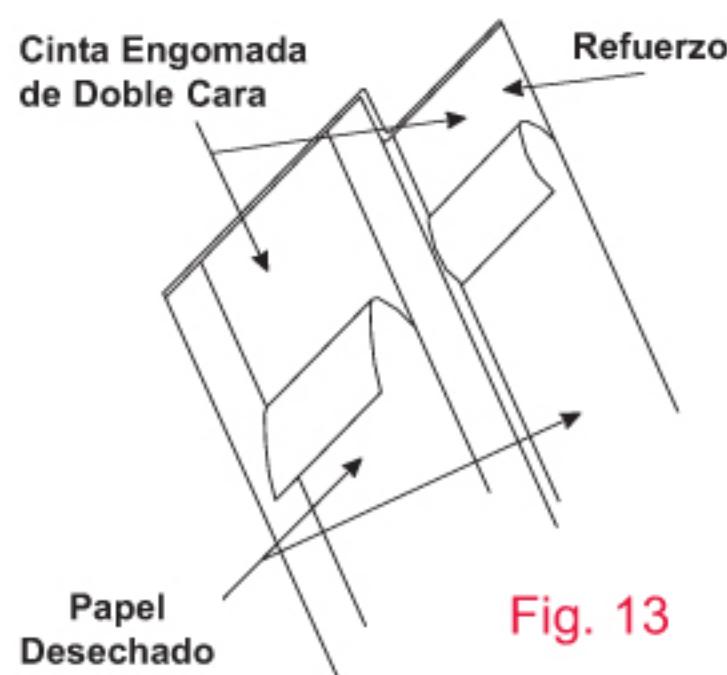
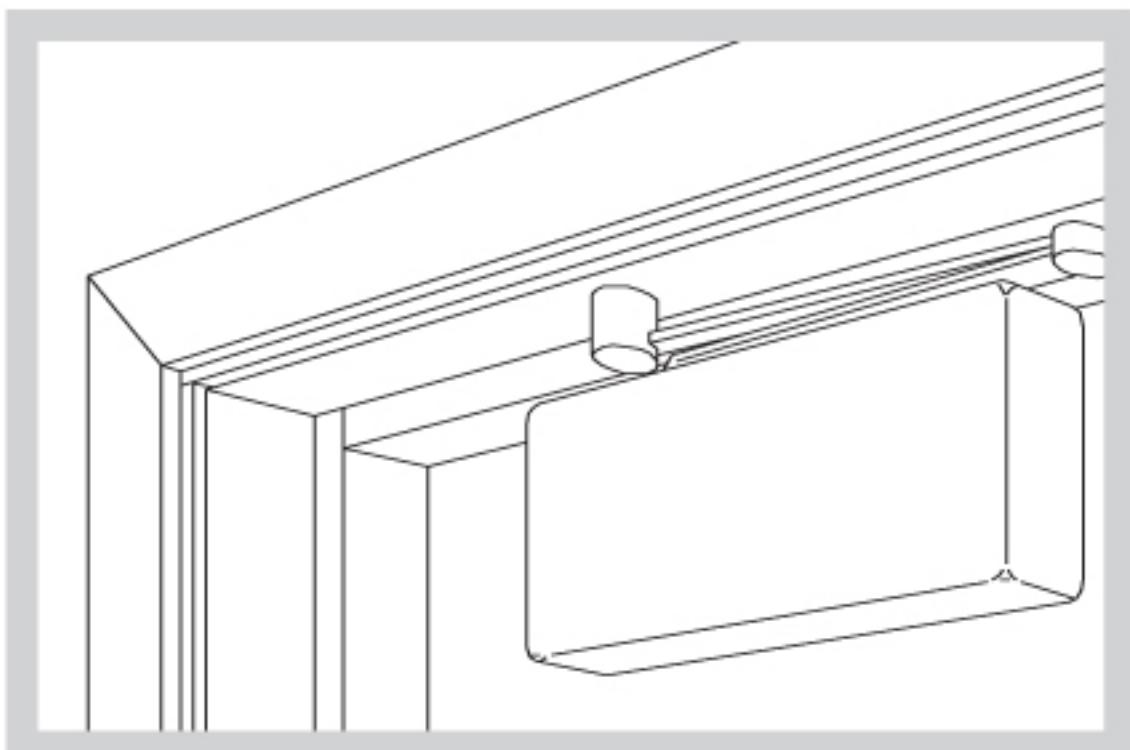


Fig. 13

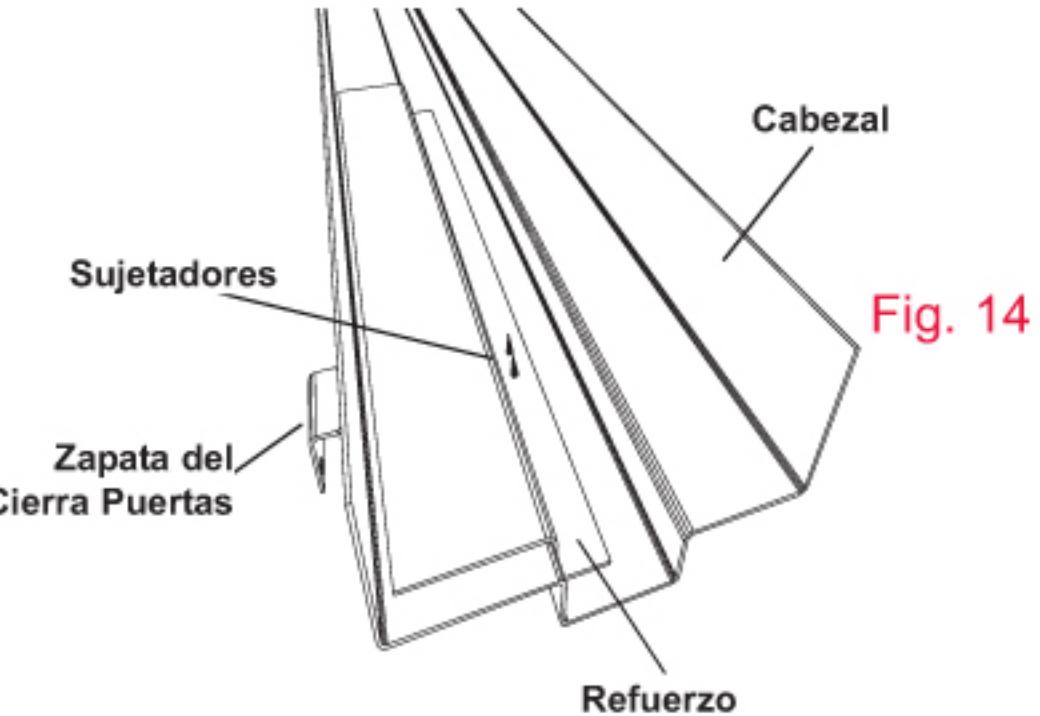


Fig. 14

ADVERTENCIA
LA MANGA DE REFUEZO DEL BRAZO PARALELO DEL CIERRA PUERTAS TIENE QUE ESTAR CONECTADO ANTES DE INSTALAR EL MARCO DE LA PUERTA.

INSTALACION DEL REFUERZO DEL BORDE DE SALIDA

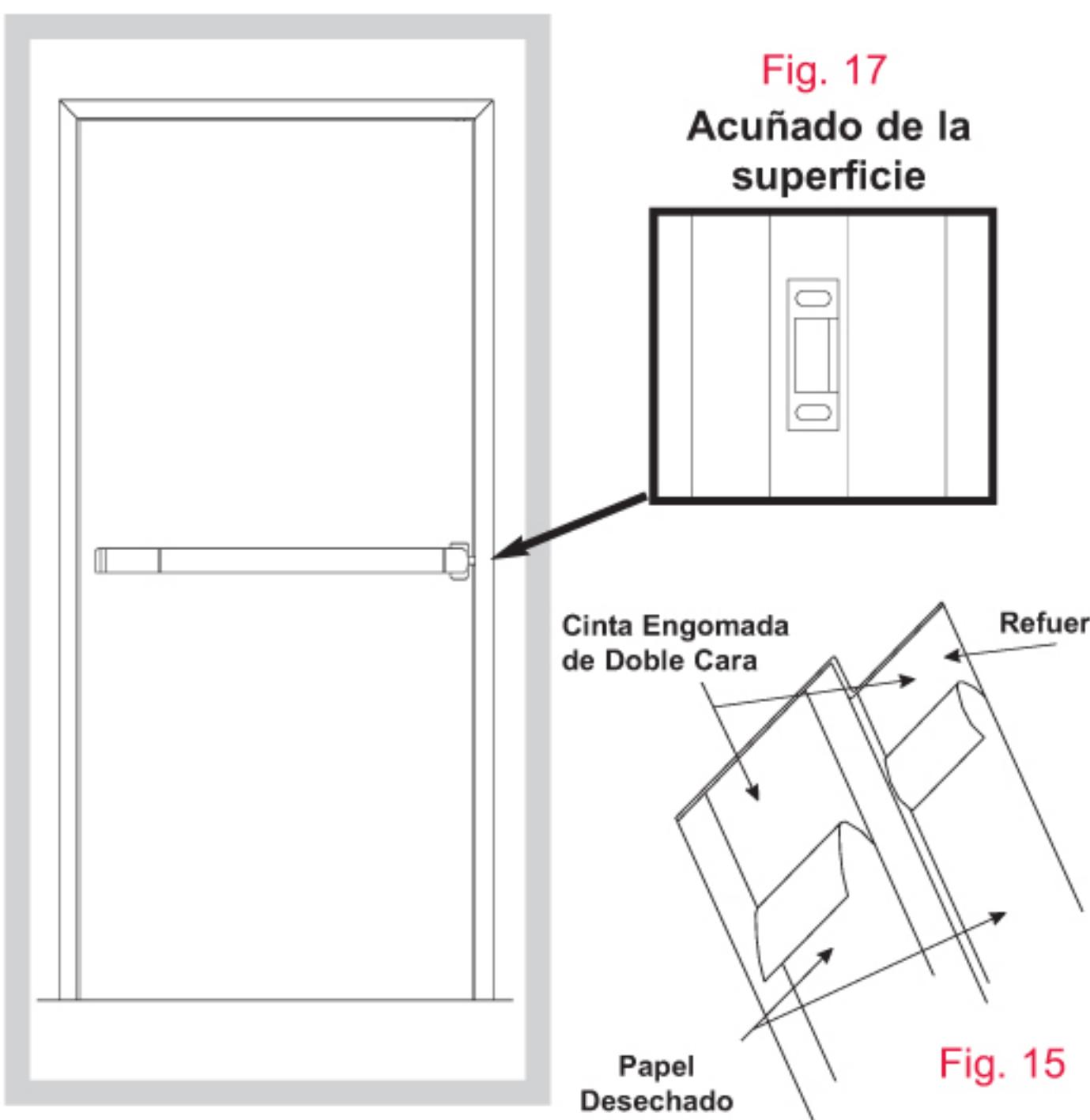


Fig. 15

- 1 Limpie con solvente el área general donde el Refuerzo del Borde de Salida va a ser instalado en el largueros.
- 2 Remueva el papel de la cinta adhesiva en dos pedazos (Fig. 15) y presione en posición para asegurar la manga al marco (Fig 16).
- 3 Taladre y aterrase a través del marco y refuerzo para conexión de los herrajes.
- 4 Instale el marco y la puerta de manera convencional.

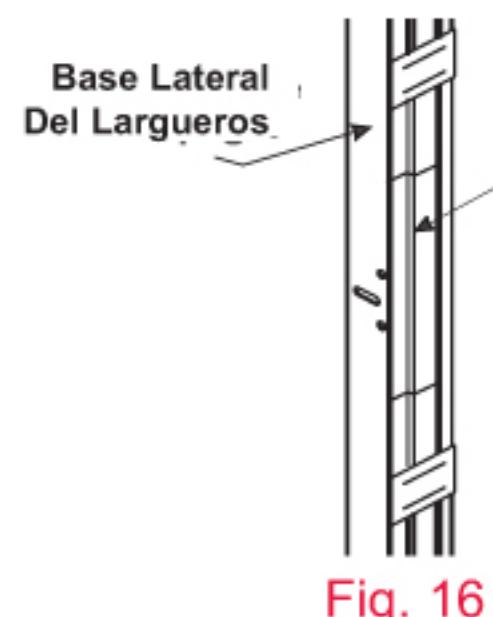


Fig. 16

ADVERTENCIA
LA MANGA DE REFUEZO DEL BORDE DE SALIDA TIENE QUE ESTAR CONECTADAS ANTES DE INSTALAR EL MARCO DE LA PUERTA.



REDIFRAME™

Marco de Acero para Puertas

Todos los incrementos se enseñan en (paréntesis) milímetros a menos que se indique. Dimensiones imperiales y métricas puede que no sean equivalentes.

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800-633-7553 334-794-0661 334-793-3462 fax
www.dunbarton.com rediframe@dunbarton.com

REDIFLEX FRAMING and FASTENING SCHEDULE

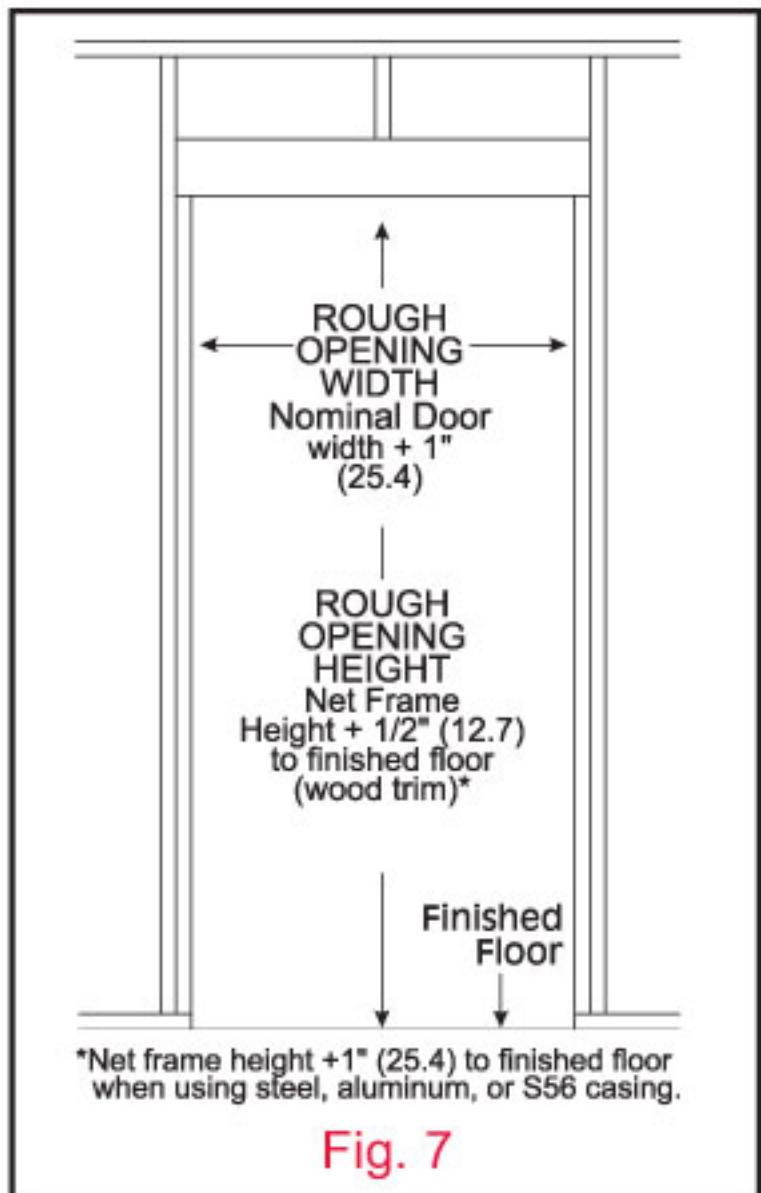


Fig. 7

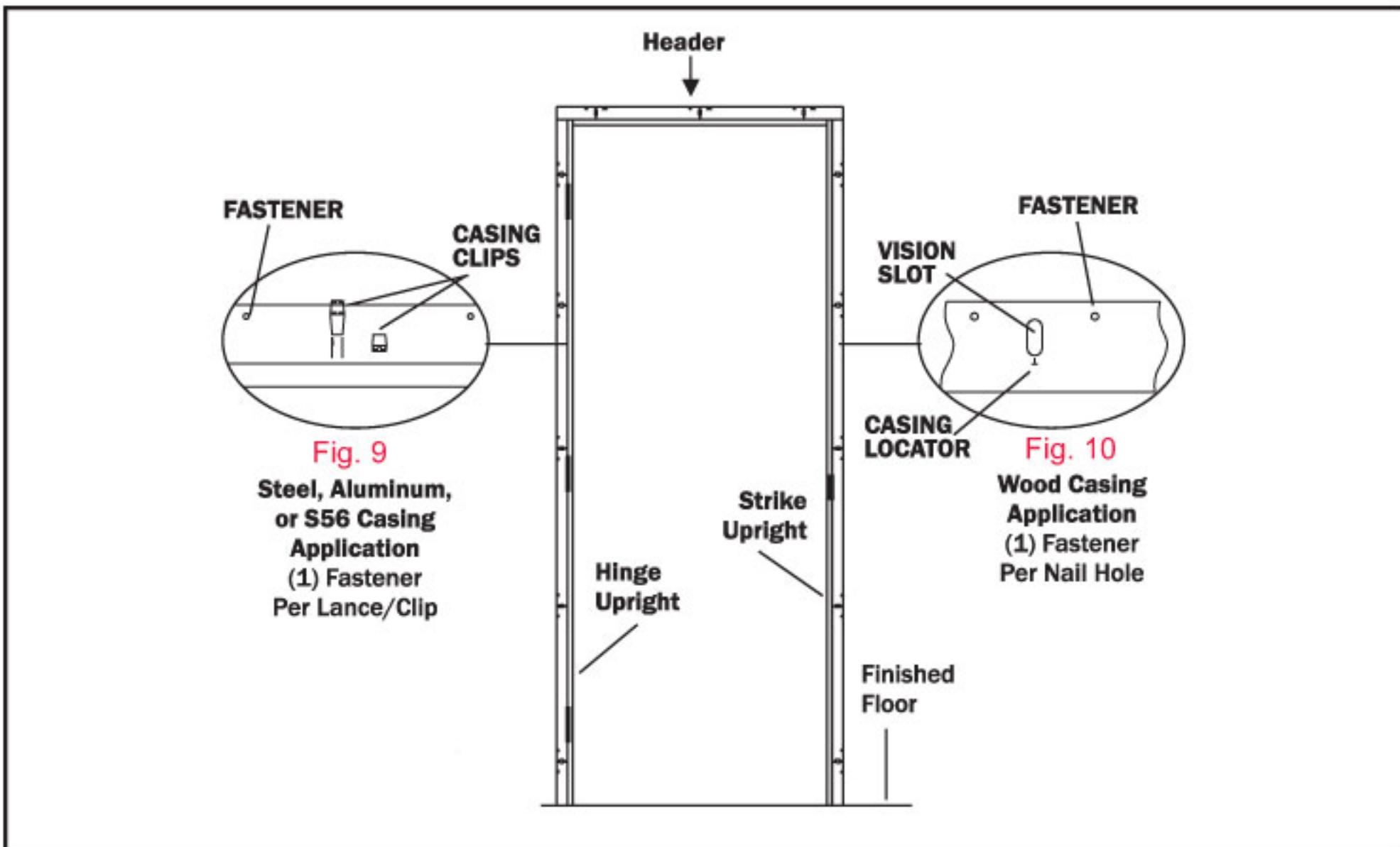


Fig. 9
Steel, Aluminum,
or S56 Casing
Application
(1) Fastener
Per Lance/Clip

Fig. 10
Wood Casing
Application
(1) Fastener
Per Nail Hole

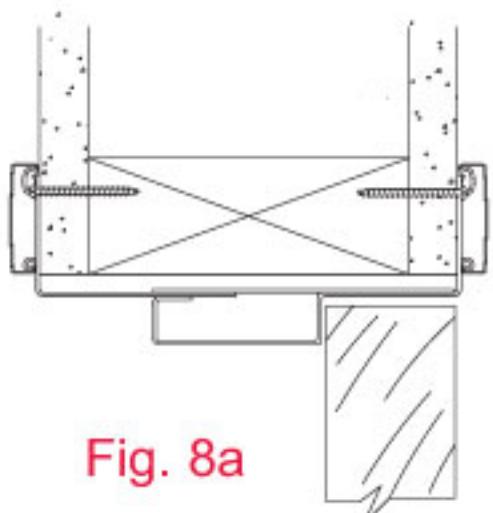


Fig. 8a

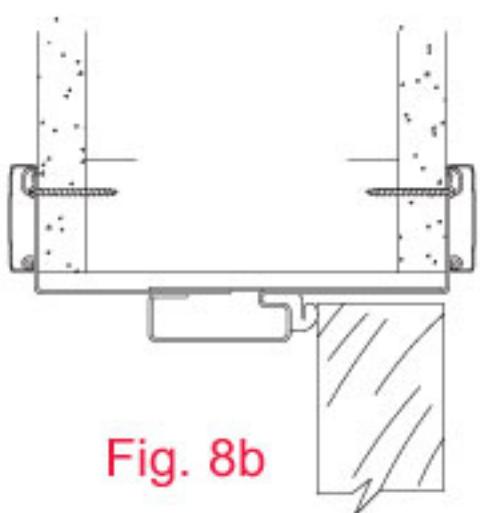


Fig. 8b

Wall Construction:
Wood Studs & Drywall
Recommended Fasteners:
1-1/4" (31.75) (min.)
Drywall Screws,
Coarse Threads

Wall Construction:
Metal Studs & Drywall
Recommended Fasteners:
1-1/4" (31.75) (min.) Type "S" Bugle Head Self-Tapping Screws

MINIMUM STUB WALL =
CASING WIDTH + $\frac{1}{2}$ " (12.7)

STUB WALL:

Example:

Steel & Aluminum Casing:

$$1-1/2" (38.1) + 1/2" (12.7) = 2" (50.8)$$

S56 Casing:

$$2-1/4" (57.15) + 1/2" (12.7) = 2-3/4" (69.85)$$

NOTE—BEFORE FASTENING: Determine hardware and reinforcements to be used (thresholds, closer, etc.) Be sure frame is not twisted.

NOTE—ON FIRE-RATED FRAMES, fasteners must be a minimum of 1/2" (12.7) longer than the thickness of the drywall or sheathing applied to the stud.

POSITIVE PRESSURE REQUIREMENTS:
CATEGORY "A" DOORS: No additional edge sealing required.

CATEGORY "B" DOORS: Additional Category "G" edge sealing required per the edge seal installation instructions.

COUNTERSINK ANCHORING

1 If frame is provided with countersinks in soffit, use 1-1/4" (min.) Type "S" Bugle Head Self-Tapping Screws.

2 DO NOT OVER-TIGHTEN!

3 FAILURE TO USE COUNTERSINK SCREWS VOIDS FIRE RATING;
CONSULT FACTORY (Fig. 11).

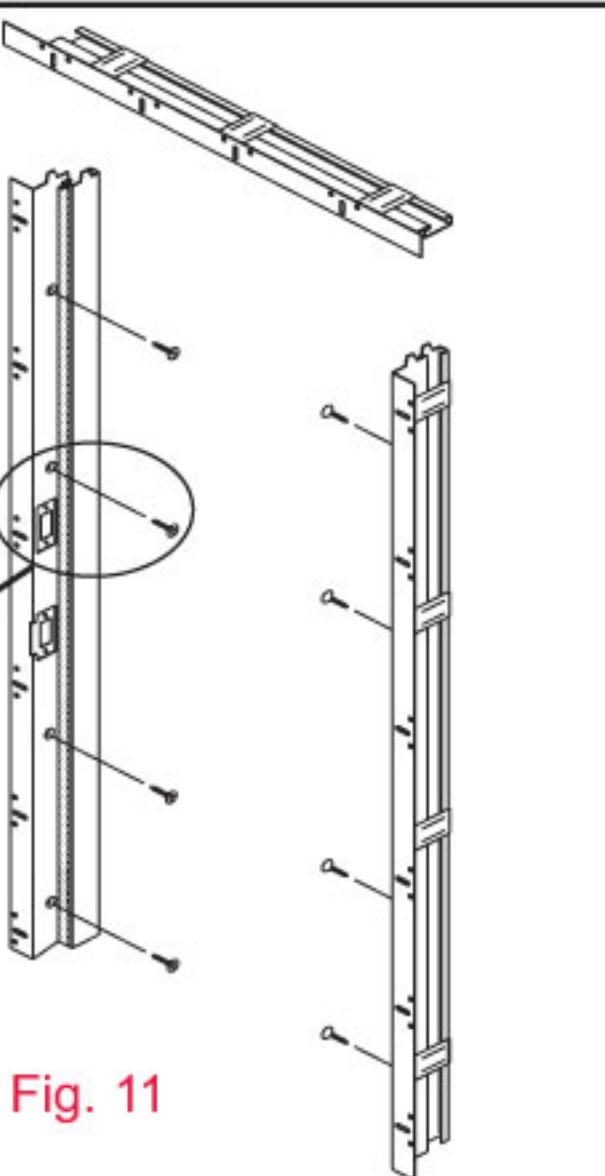
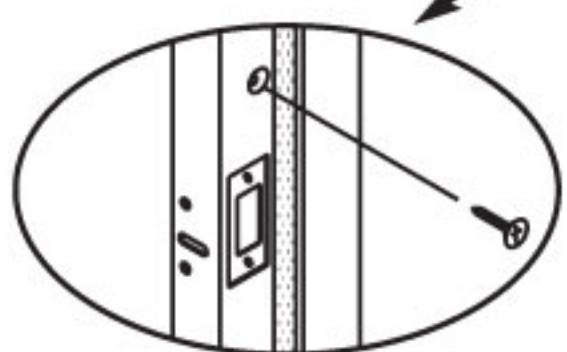
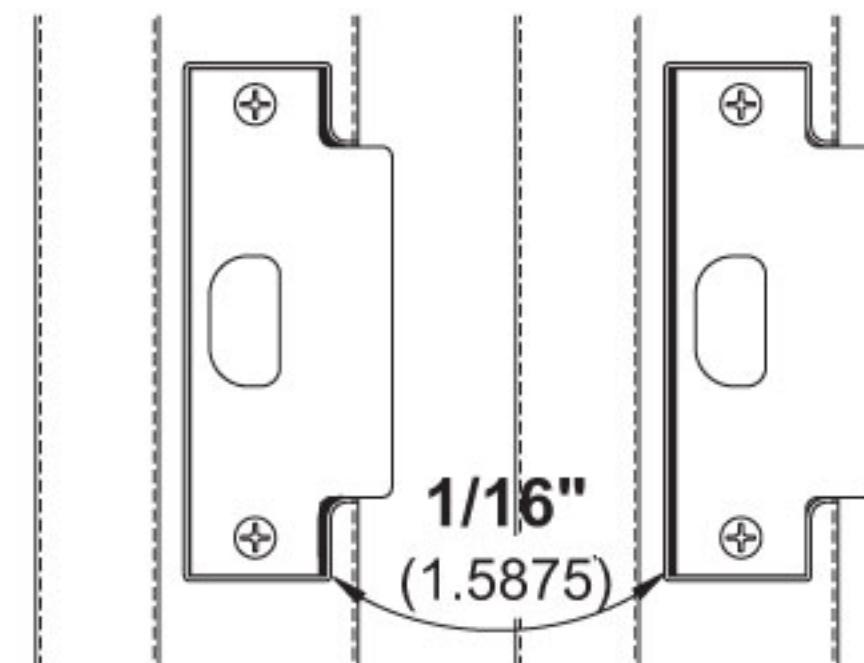


Fig. 11

ADJUSTABLE ASA STRIKE EMBOSSED AND BACKUP PLATE



1 Loosen Screws

2 Adjust Strike: strike plate can be moved 1/16" (1.5875) horizontally to accommodate strike position.

3 Retighten Screws

4 No Grinding Strike Plate



REDIFRAME™

Adjustable Steel
Door Frames (Rediflex)

REDIFLEX ADJUSTABLE FRAME INSTALLATION PROCEDURE

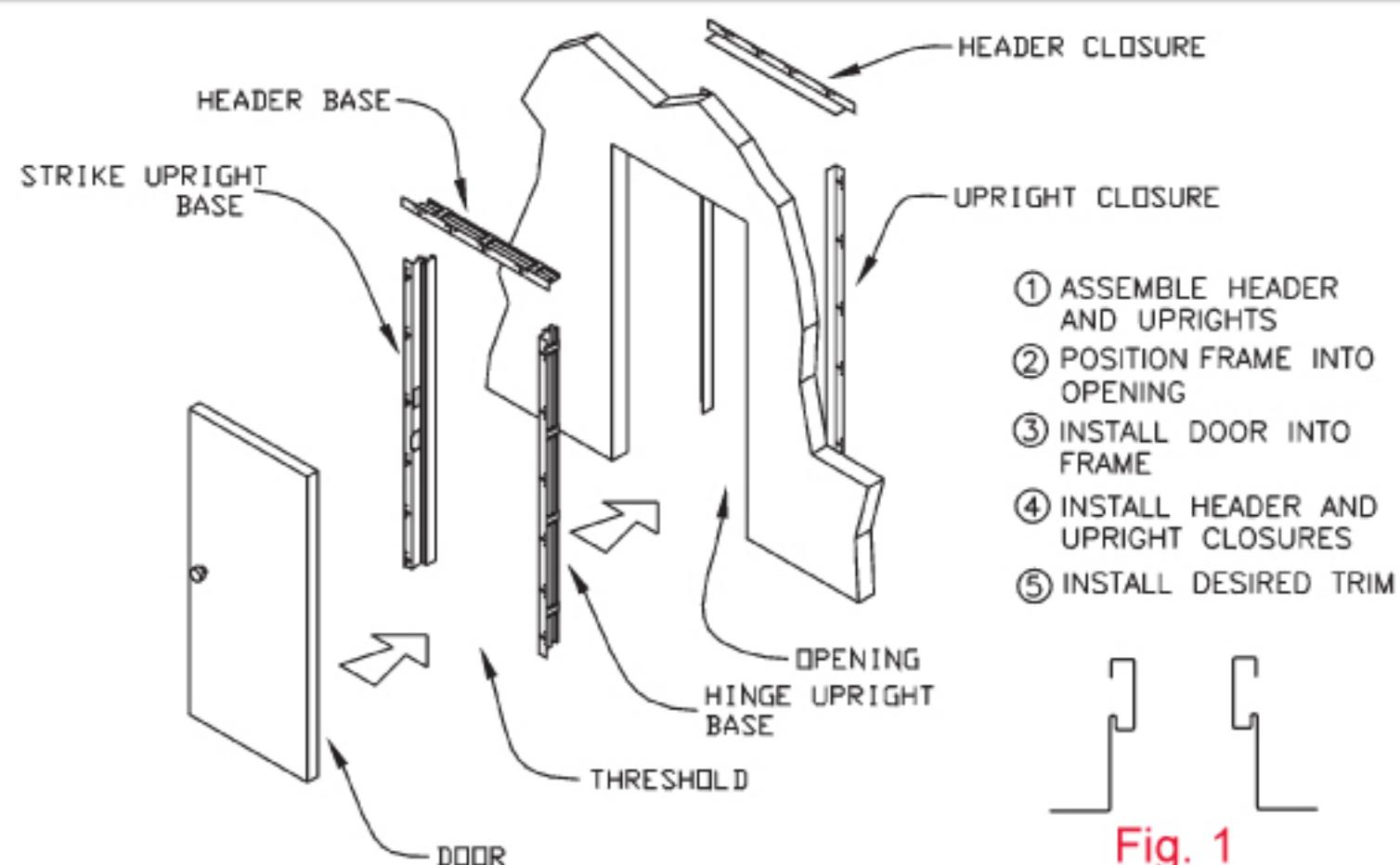


Fig. 1

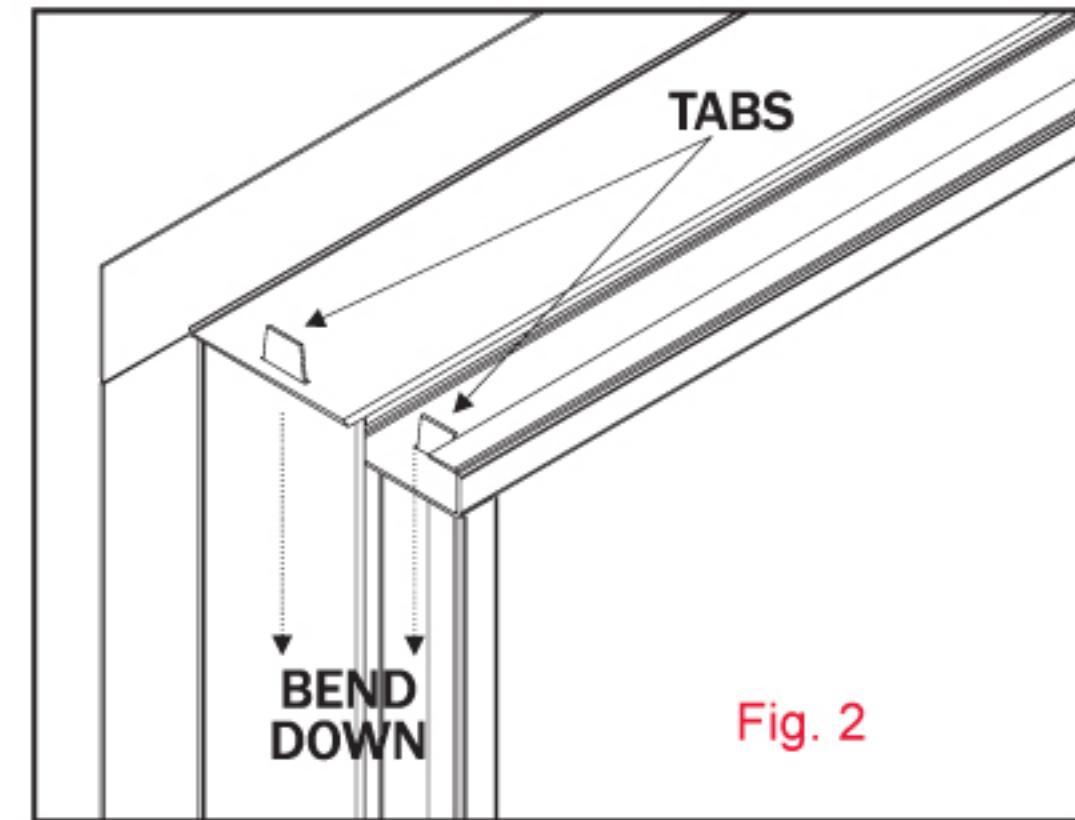


Fig. 2



Fig. 4



Fig. 5



Fig. 6

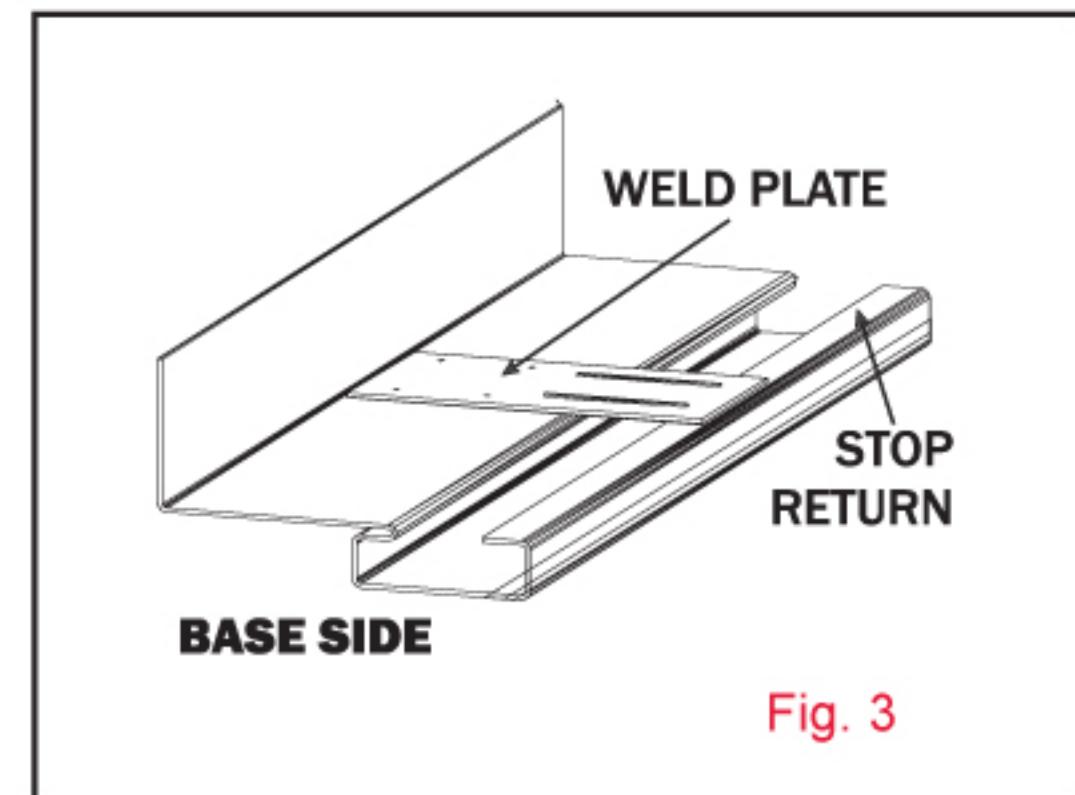


Fig. 3

- 1** Open carton and remove all frame components. Inspect for any damage. If damage is apparent, notify dealer or sales representative immediately to expedite replacement.
- 2** Assemble base side of frame (which consists of hinge jamb, strike jamb, and header) by placing the face or nailing flange face down on a flat surface (Fig. 1). Insert tabs which are located on the ends of the jambs into the slots in the header. Bend tabs outward and down to secure tight fit between the jambs and header (Fig. 2). Stand frame upright and place into rough opening. **Note:** If using threshold, install prior to placement into rough opening.
- 3** Square header and hinge jamb by using a carpenter's square, then secure the corner of the header. Using a level, plumb the hinge jamb and secure (begin at the top). Repeat process for strike jamb.
- 4** Install door and close in frame opening using the door as a template. Adjust frame to door so that clearances between the door and the frame are equal and between $1\frac{1}{16}$ " – $1\frac{1}{8}$ " (1.5875 – 3.175). After adjusting for proper fit, secure with recommended screws.
- 5** Install closure pieces from rear side by guiding closure between plate and stop. Begin at either end of any closure piece. It may be necessary to apply slight pressure
- 6** Install weatherstripping or smoke gasketing as required, lockset, and adjustable strike. Adjust strike to remove any movement of door after latching. Add additional fasteners if required.
- 7** To apply WOOD casings, locate "T" mark on face of frame. Place edge of casing parallel to "T". Locate casing nail approximately $1\frac{1}{2}$ " (12.7) back from top of "T" and centered, then drive. This will allow nailing through the frame through the oval slot (Fig. 10, Fig. 12).
- 8** To apply STEEL, ALUMINUM and S56 STEEL COLONIAL casings, slide corner alignment pieces into header ends so the edges of corner pieces are securely fitted inside the casing channel. Center header casing on frame and snap into place by hooking casing edge under outside of casing lance, then snapping over inside of lance. DO NOT FORCE CASING OVER BOTH SIDES OF LANCE SIMULTANEOUSLY. Hold jamb casing at a slightly outward angle and fit mitered end over corner piece

to the outside of frame at start point to allow closure to go between plate and stop. When all closure pieces are installed and clearances set, fasten to wall. **Note:** While installing closure pieces, make sure the closure goes between the stop return and each individual weld plate of the base side of frame (Fig. 3).

protruding from header casing; push upward to meet miter of header casing. Make certain that jamb casing is aligned with jamb casing lances (tap header left or right as needed with hammer handle) and hook casing over outside lance. Survey miter joint for secure fit (adjust header casing left or right as needed), then snap casings over inside of lance and complete opposite sides (Fig. 4, 5, 6, 9, 12).

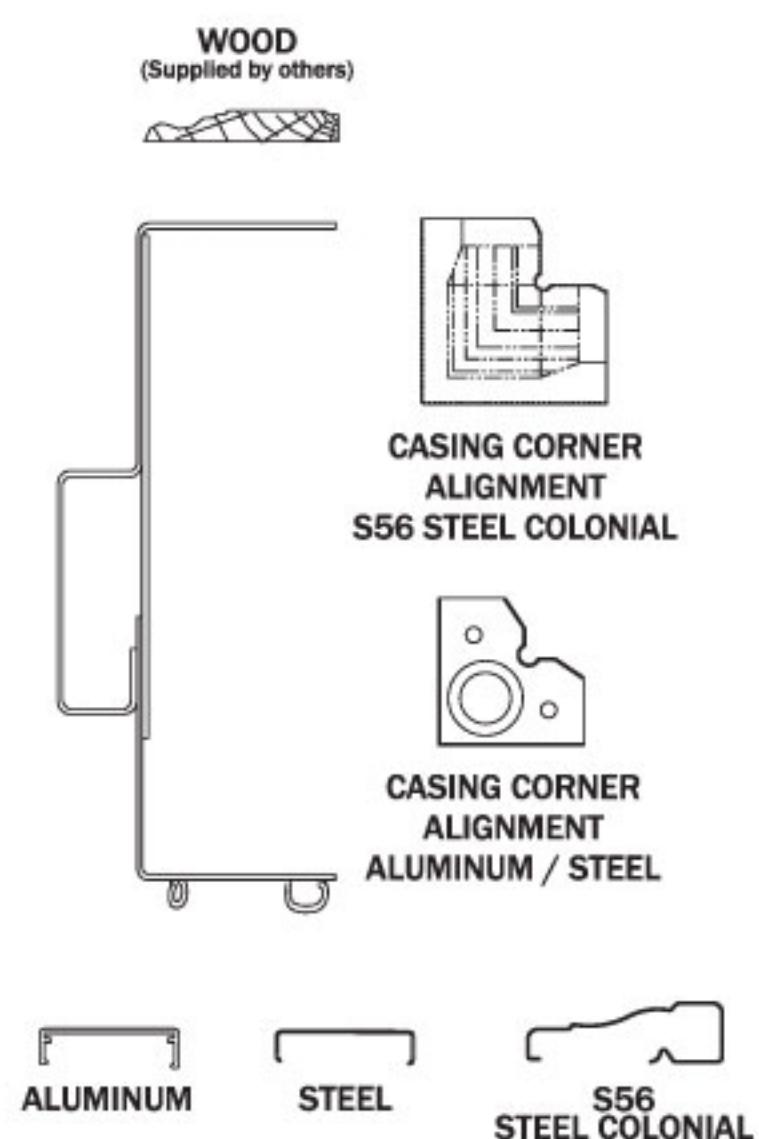
TO REMOVE CASING, use a small common screwdriver with a flat edge or a stiff putty knife. Start at the bottom of the upright casing on the **inside** of the frame. Gently insert the edge of the screwdriver between the casing and the leg of the frame. Slowly work the screwdriver up the casing to the first lance. Rotate the screwdriver in a **counter-clockwise** motion; the casing will pop off the inside curl of the lance. Repeat this procedure with remaining lances. After all inside lances have been cleared, gently ease the casing from under the **outside** lance curl and remove.

SPECIAL PRODUCT APPLICATION REQUIREMENTS

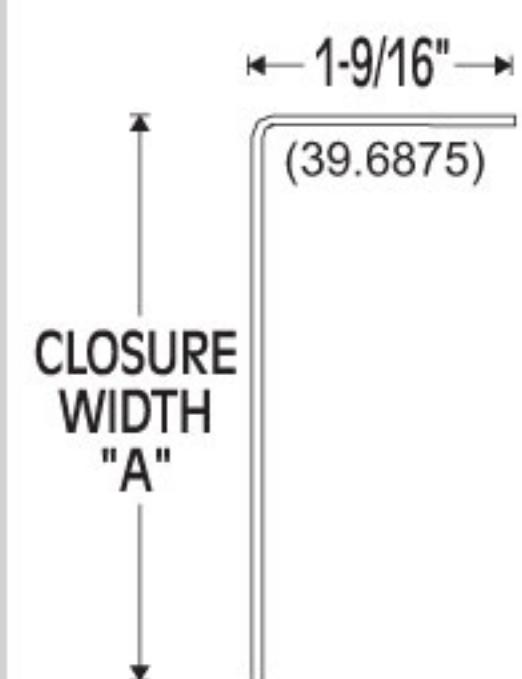
PAINT: Primed units should be painted within 30 (thirty) days with an oil-based enamel (recommended) or a high quality water base latex. A flash rust inhibitor must be used with water base latex method. Consult factory.

CASING OPTIONS

CLOSURE WIDTH CHART

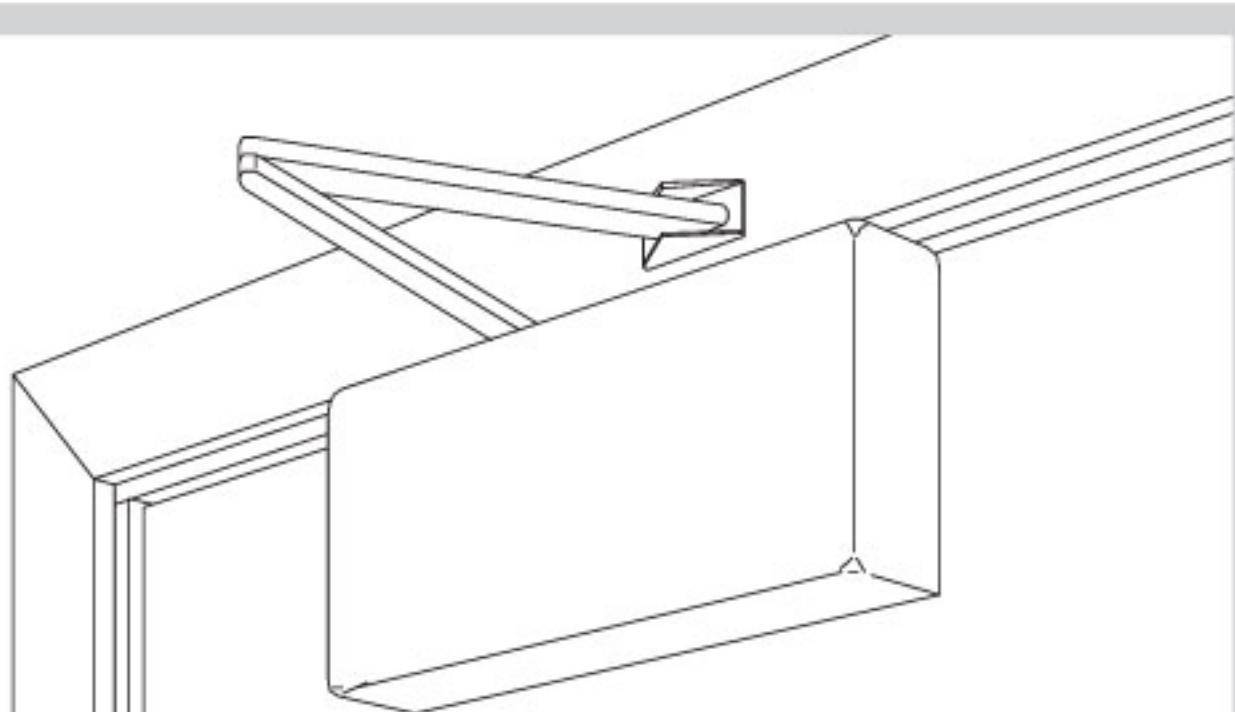


KERF REDIFLEX (cm)		
WALL SIZE	CLOSURE WIDTH "A"	
4"-5" (10.16-12.7)	1-1/2" (3.81)	
4-1/2"-5-1/2" (11.43-13.97)	2" (5.08)	
5-1/2"-6-1/2" (13.97-16.51)	3" (7.62)	
6-1/2"-7-1/2" (16.51-19.05)	4" (10.16)	
7-1/2"-8-1/2" (19.05-21.59)	5" (12.7)	
8-1/2"-9-1/2" (21.59-24.13)	6" (15.24)	
9-1/2"-10-1/2" (24.13-26.67)	7" (17.78)	
REGULAR REDIFLEX (cm)		
WALL SIZE	CLOSURE WIDTH "A"	
4"-5-1/4" (10.16-13.335)	2" (5.08)	
5"-6-1/4" (12.7-15.875)	3" (7.62)	
6"-7-1/4" (15.24-18.415)	4" (10.16)	
7"-8-1/4" (17.78-20.955)	5" (12.7)	
8"-9-1/4" (20.32-23.495)	6" (15.24)	
9"-10-1/4" (22.86-26.035)	7" (17.78)	



REFER TO THIS
CHART TO VERIFY
CORRECT
CLOSURE WIDTHS
FOR WALL SIZE.

INSTALLATION OF REGULAR ARM CLOSER REINFORCEMENT



1 Position closer reinforcement on header where the door closer shoe is to be mounted (Fig. 13 & 14).

2 Mount the reinforcement flush with the header face.

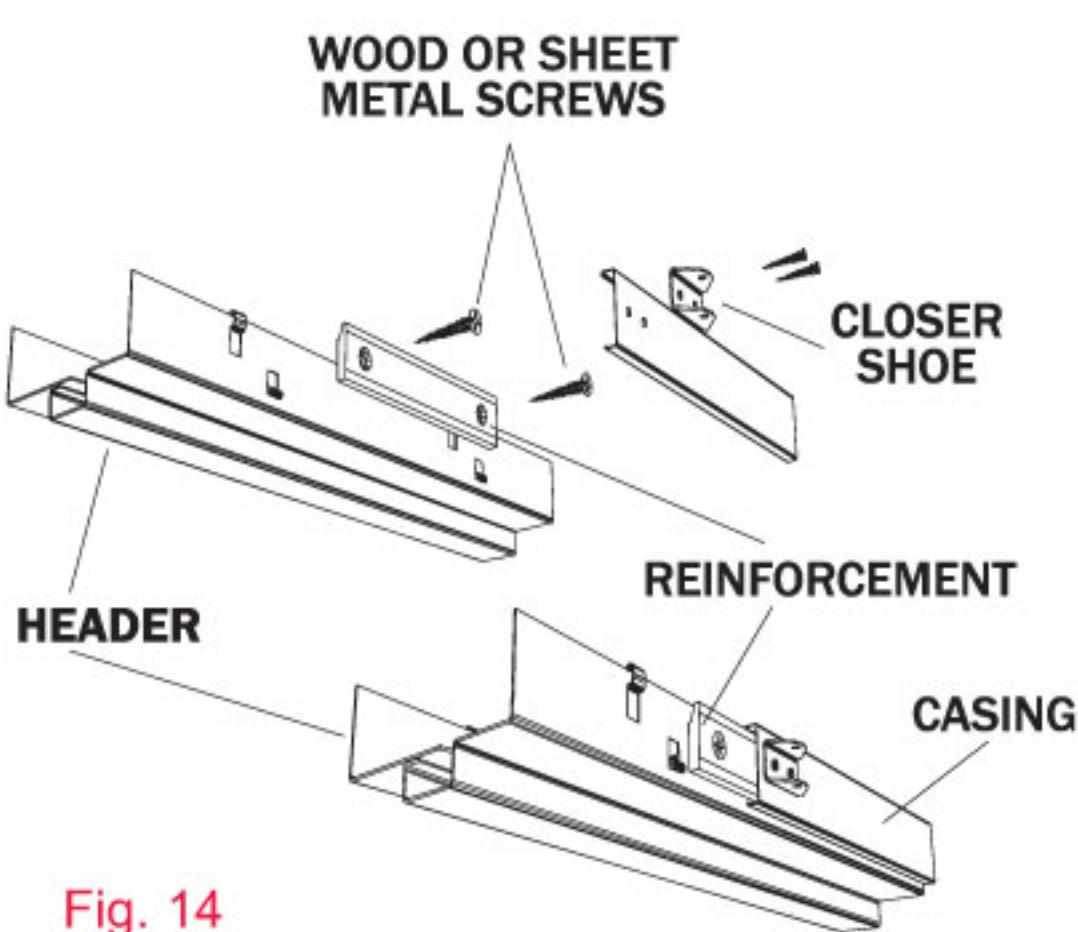
3 Drill 3/16" (4.7625) pilot holes in the header through the countersunk holes in the reinforcement and secure with 1-1/4" (31.75) Type "S" Bugle Head Self-Tapping Screws.

4 Install header casing.

5 Position closer shoe on frame and drill pilot holes through the casing and regular arm closer reinforcement.

6 Tap these holes as per the Closer Installation Instructions.

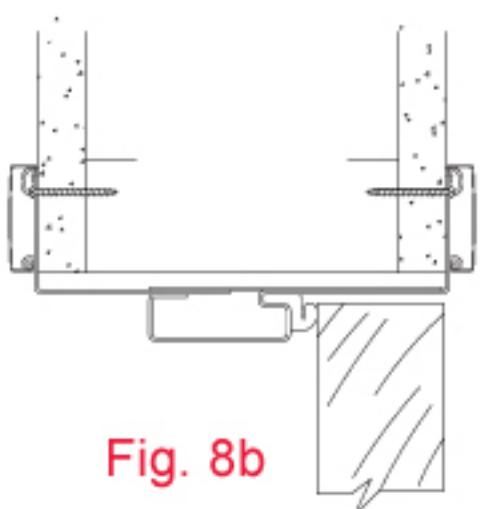
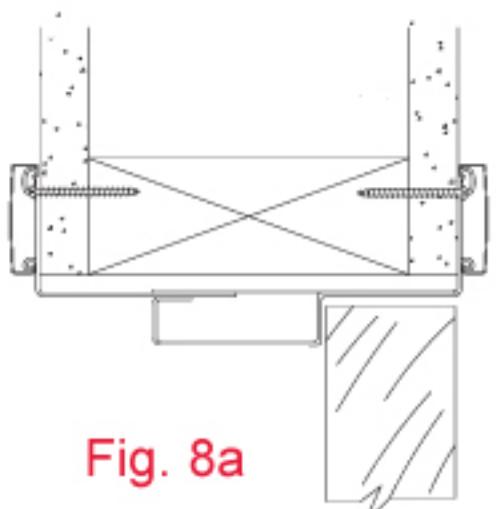
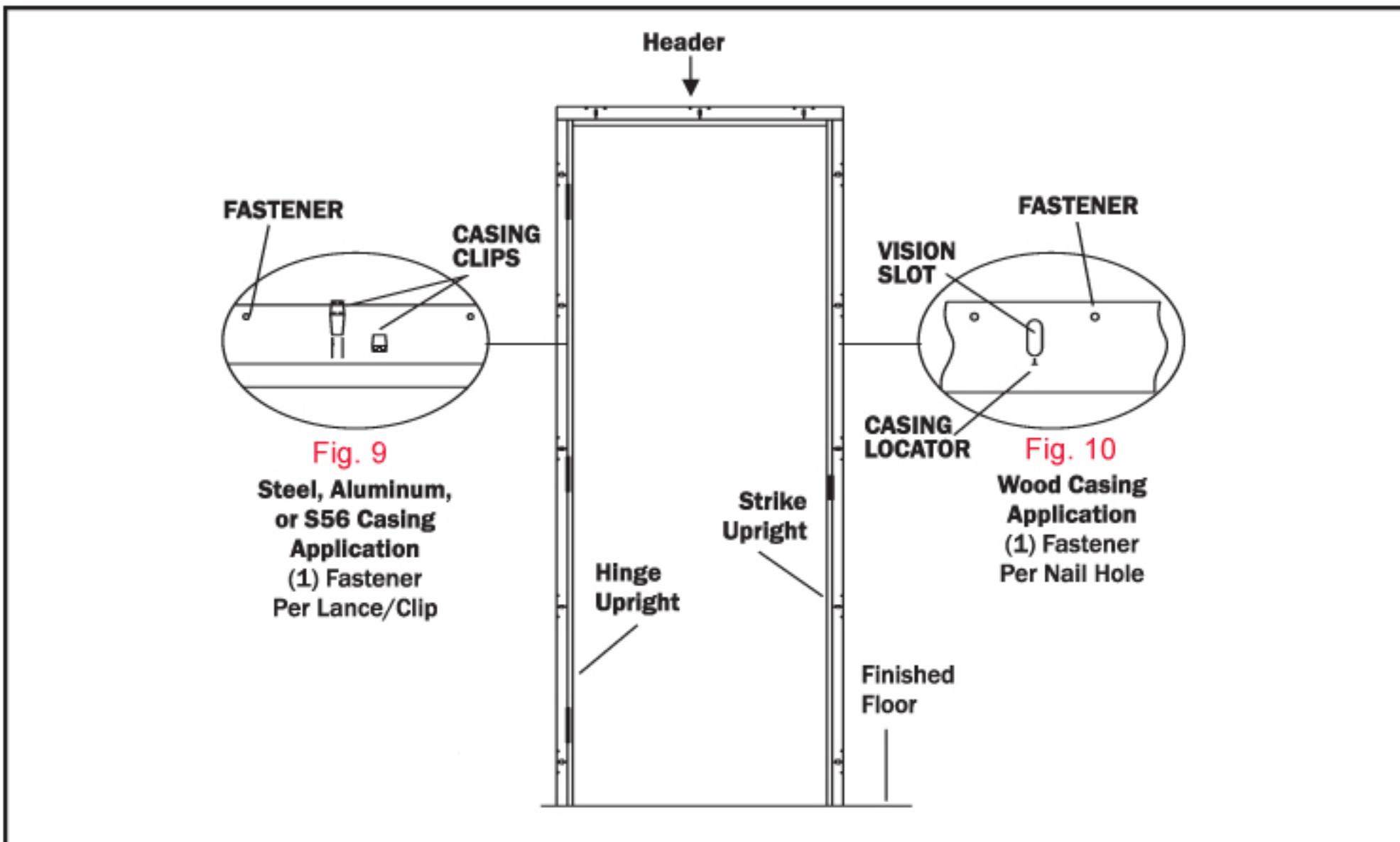
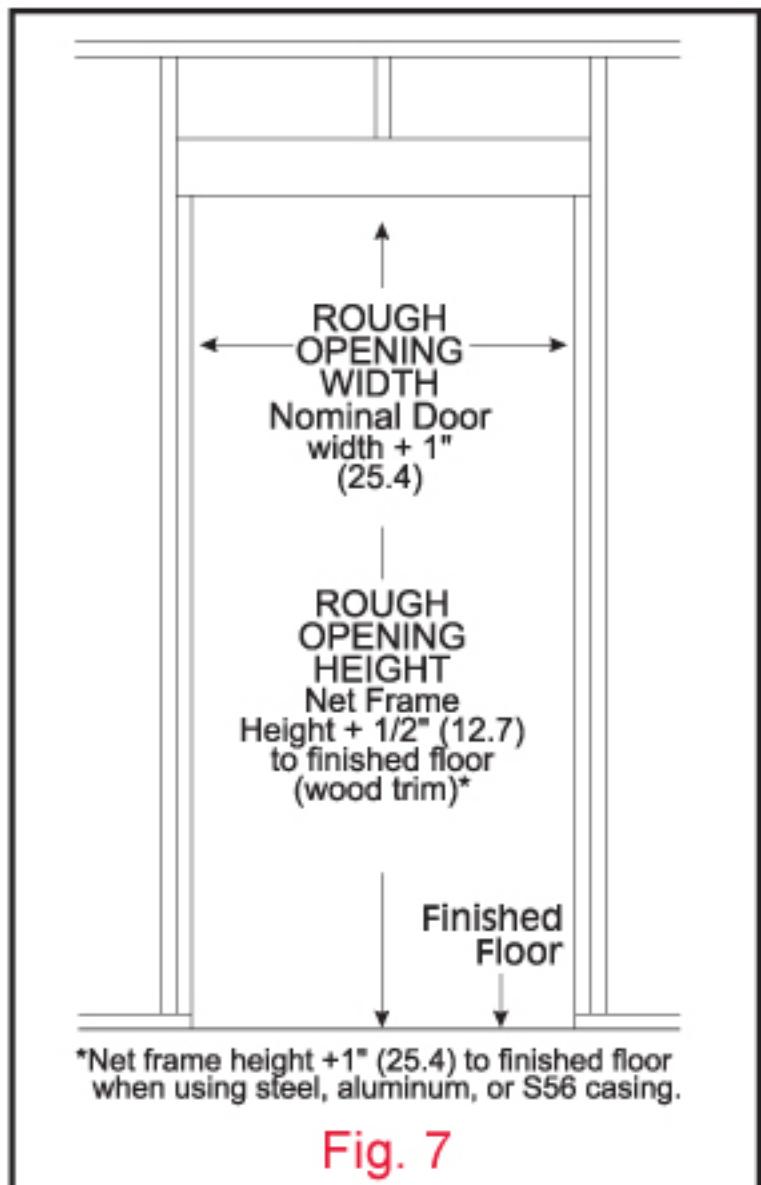
7 Secure the closer shoe to the frame.



LISTED FRAMES

CLOSER REINFORCEMENT IS OPTIONAL. IF REINFORCEMENT IS NOT USED, THROUGH BOLT INSTALLATION IS REQUIRED.

REDIFLEX FRAMING and FASTENING SCHEDULE



Wall Construction:
Wood Studs & Drywall
Recommended Fasteners:
1-1/4" (31.75) (min.)
Drywall Screws,
Coarse Threads

Wall Construction:
Metal Studs & Drywall
Recommended Fasteners:
1-1/4" (31.75) (min.) Type "S" Bugle Head Self-Tapping Screws

MINIMUM STUB WALL = CASING WIDTH + 1/2" (12.7)

STUB WALL:
Example:
Steel & Aluminum Casing:
 $1-1/2" (38.1) + 1/2" (12.7) = 2" (50.8)$
S56 Casing:
 $2-1/4" (57.15) + 1/2" (12.7) = 2-3/4" (69.85)$

NOTE—BEFORE FASTENING: Determine hardware and reinforcements to be used (thresholds, closer, etc.) Be sure frame is not twisted.

NOTE—ON FIRE-RATED FRAMES, fasteners must be a minimum of 1/2" (12.7) longer than the thickness of the drywall or sheathing applied to the stud.

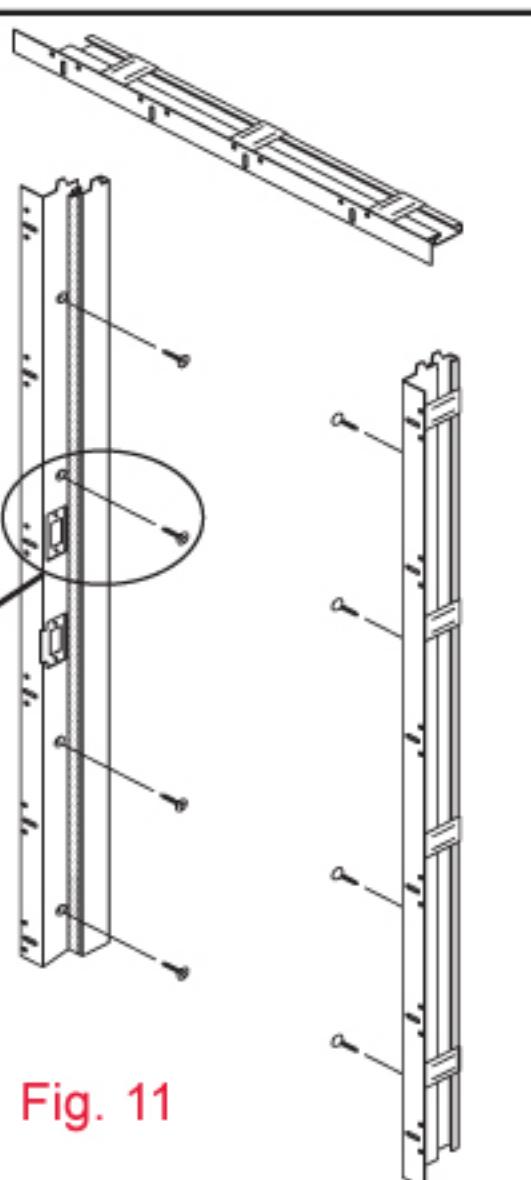
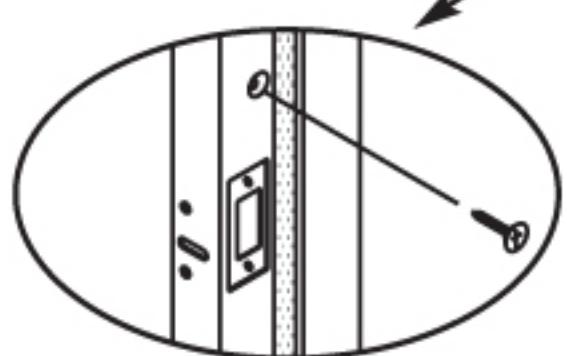
POSITIVE PRESSURE REQUIREMENTS:
CATEGORY "A" DOORS: No additional edge sealing required.
CATEGORY "B" DOORS: Additional Category "G" edge sealing required per the edge seal installation instructions.

COUNTERSINK ANCHORING

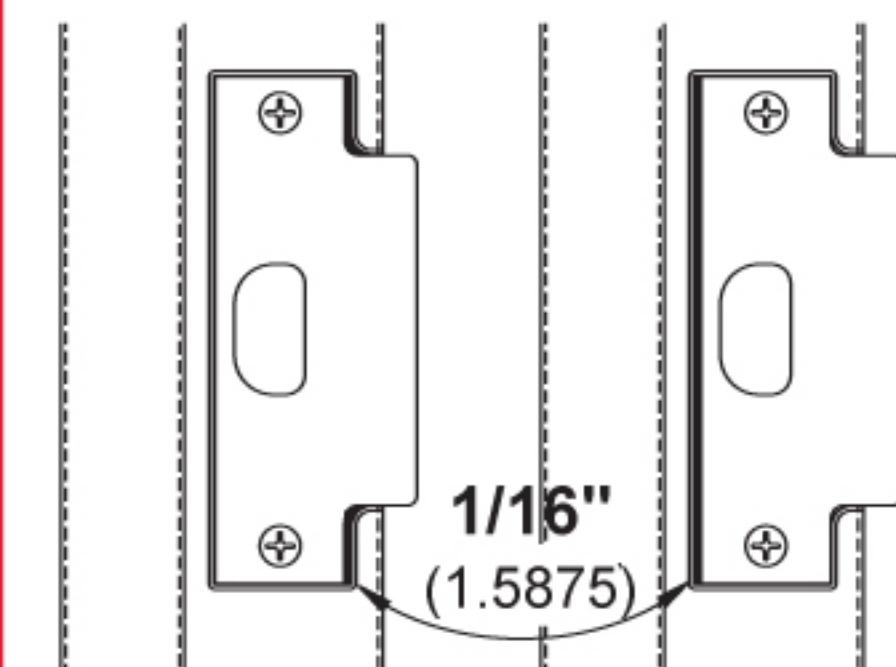
1 If frame is provided with countersinks in soffit, use 1-1/4" (min.) Type "S" Bugle Head Self-Tapping Screws.

2 DO NOT OVER-TIGHTEN!

3 FAILURE TO USE COUNTERSINK SCREWS VOIDS FIRE RATING;
CONSULT FACTORY (Fig. 11).

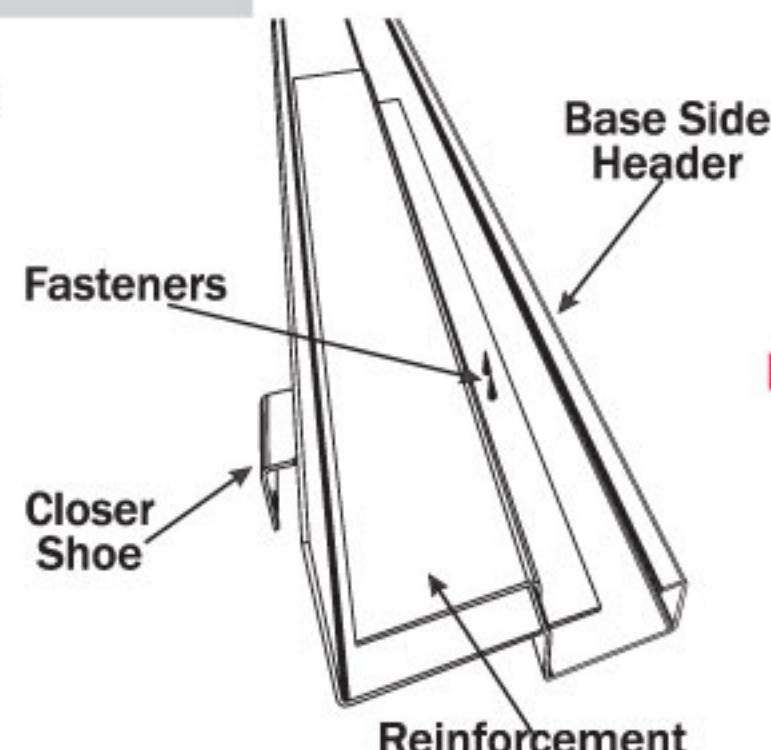
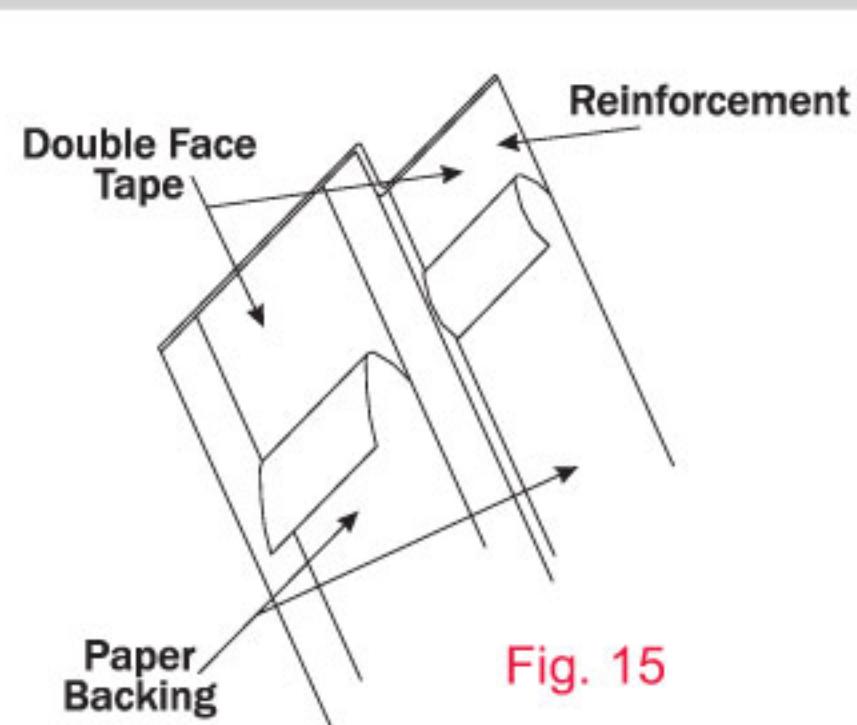
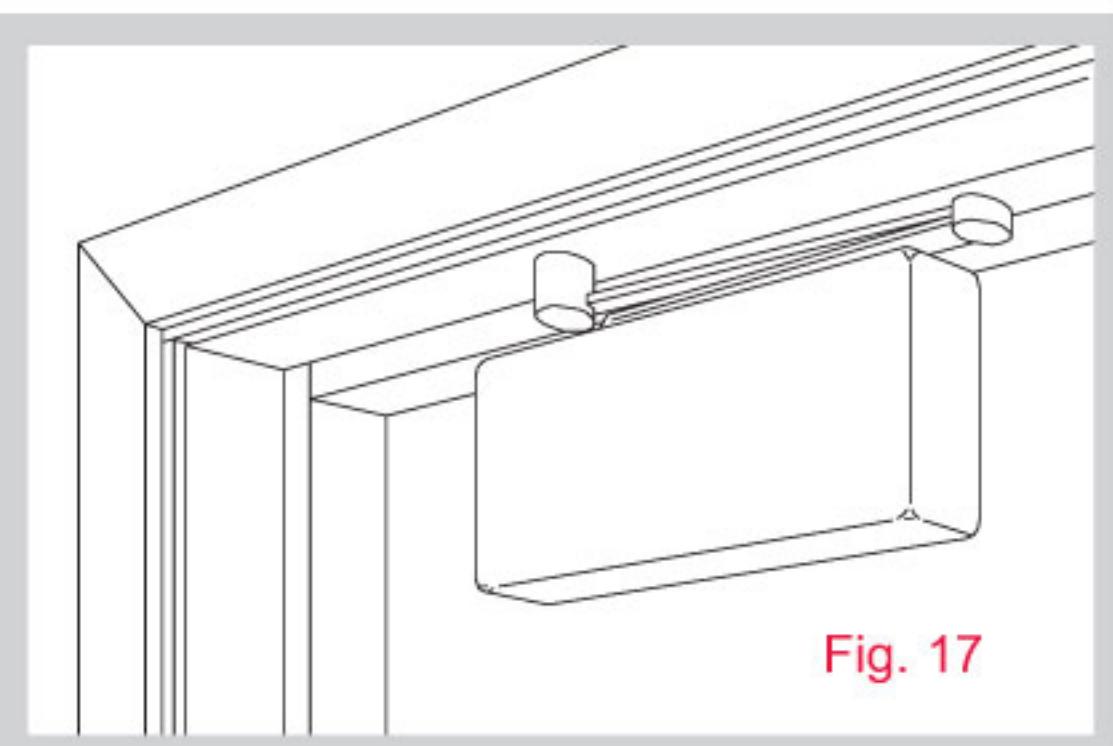


ADJUSTABLE ASA STRIKE EMBOSSED AND BACKUP PLATE



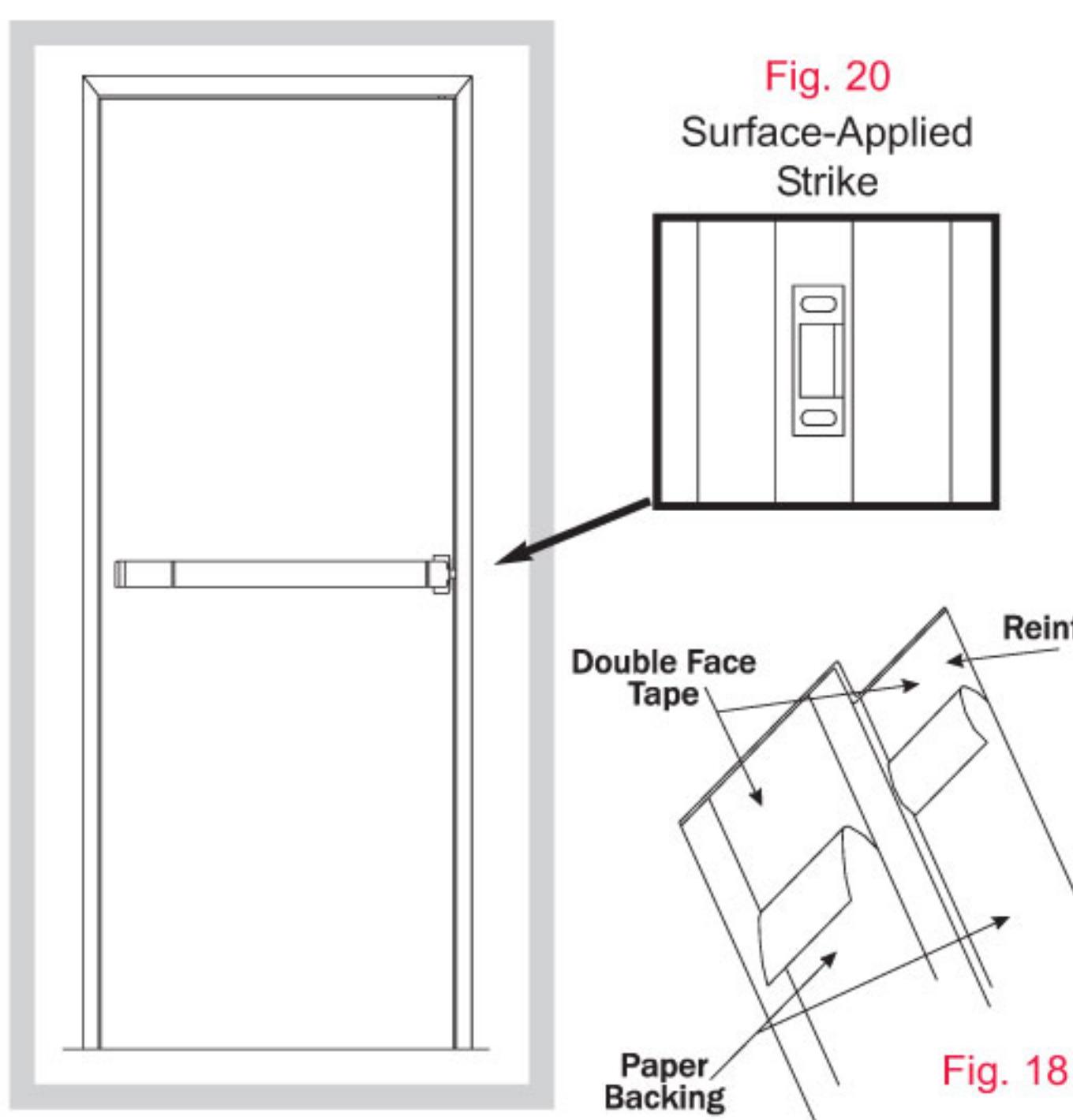
- 1** Loosen Screws
- 2** Adjust Strike: strike plate can be moved 1/16" (1.5875) horizontally to accommodate strike position.
- 3** Retighten Screws
- 4** No Grinding Strike Plate

INSTALLATION OF PARALLEL ARM CLOSER REINFORCEMENT

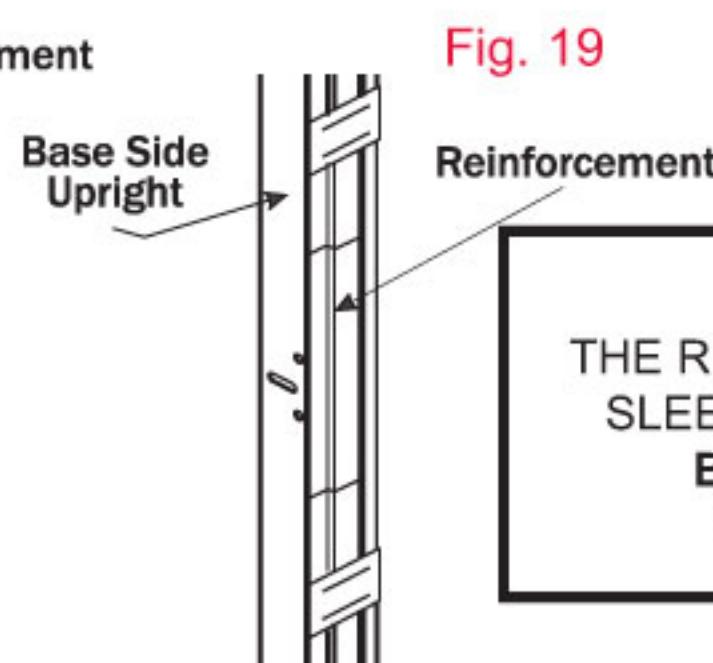


WARNING
THE PARALLEL ARM CLOSER
REINFORCEMENT SLEEVE MUST BE
ATTACHED BEFORE INSTALLING
THE DOOR FRAME.

INSTALLATION OF PARALLEL ARM CLOSER REINFORCEMENT



- 1 Clean general area where Parallel Arm Closer Reinforcement is to be positioned on header with solvent.
- 2 Expose double face tape by removing paper backing on two strips of tape (Fig. 15) and press into position to secure the sleeve to the header (Fig. 16).
- 3 Drill and tap through frame and reinforcement for closer shoe attachment (Fig. 17).
- 4 Install frame and door in conventional manner.



WARNING
THE PARALLEL ARM CLOSER
REINFORCEMENT SLEEVE MUST BE ATTACHED
BEFORE INSTALLING
THE DOOR FRAME.



Adjustable Steel Door Frames

CASING OPTIONS

CLOSURE WIDTH CHART

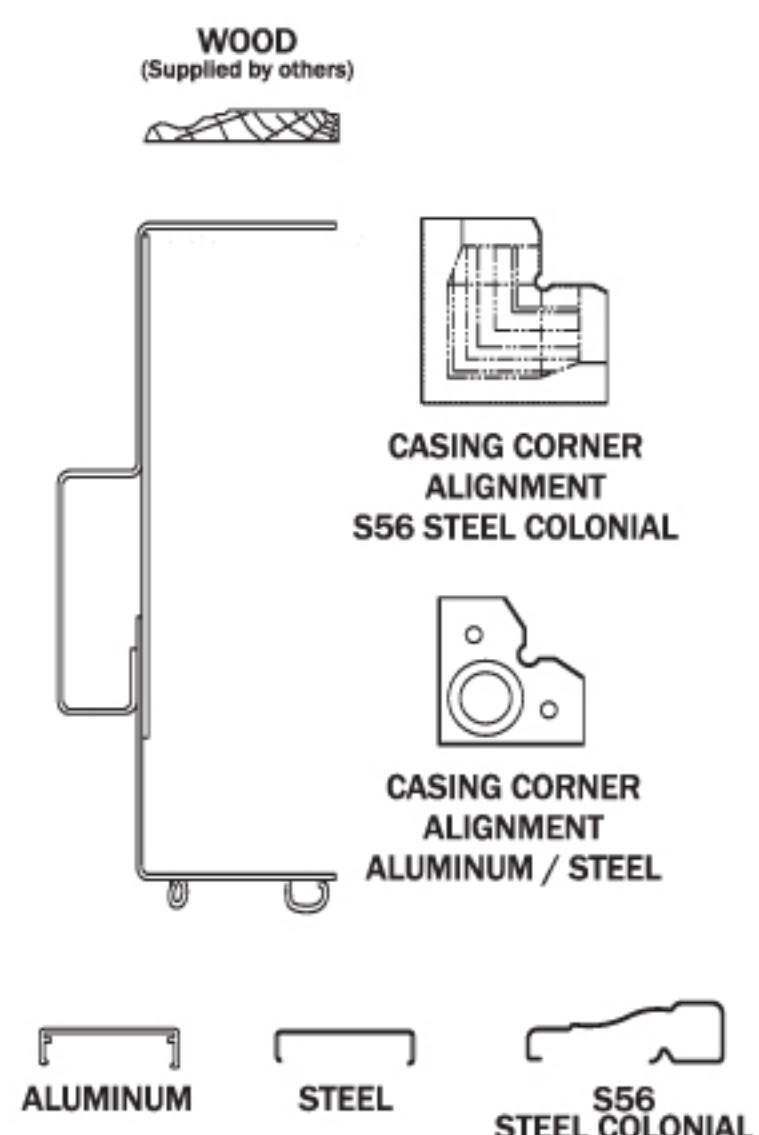


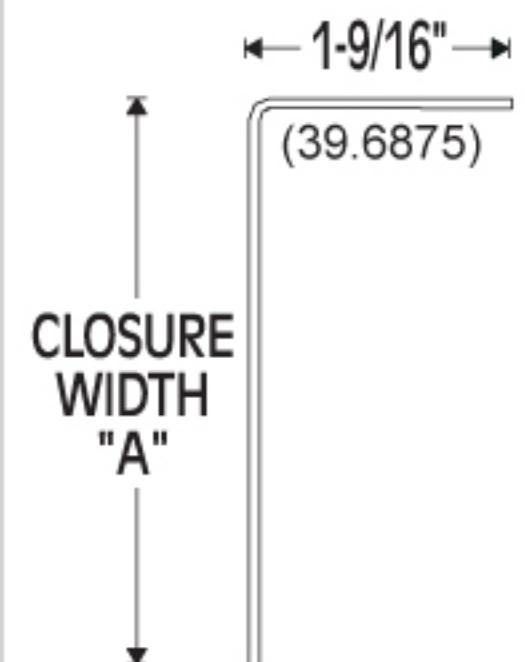
Fig. 12

KERF REDIFLEX (cm)

WALL SIZE	CLOSURE WIDTH "A"
4"-5" (10.16-12.7)	1-1/2" (3.81)
4-1/2"-5-1/2" (11.43-13.97)	2" (5.08)
5-1/2"-6-1/2" (13.97-16.51)	3" (7.62)
6-1/2"-7-1/2" (16.51-19.05)	4" (10.16)
7-1/2"-8-1/2" (19.05-21.59)	5" (12.7)
8-1/2"-9-1/2" (21.59-24.13)	6" (15.24)
9-1/2"-10-1/2" (24.13-26.67)	7" (17.78)

REGULAR REDIFLEX (cm)

WALL SIZE	CLOSURE WIDTH "A"
4"-5-1/4" (10.16-13.335)	2" (5.08)
5"-6-1/4" (12.7-15.875)	3" (7.62)
6"-7-1/4" (15.24-18.415)	4" (10.16)
7"-8-1/4" (17.78-20.955)	5" (12.7)
8"-9-1/4" (20.32-23.495)	6" (15.24)
9"-10-1/4" (22.86-26.035)	7" (17.78)



REFER TO THIS
CHART TO VERIFY
CORRECT
CLOSURE WIDTHS
FOR WALL SIZE.

INSTALLATION OF REGULAR ARM CLOSER REINFORCEMENT

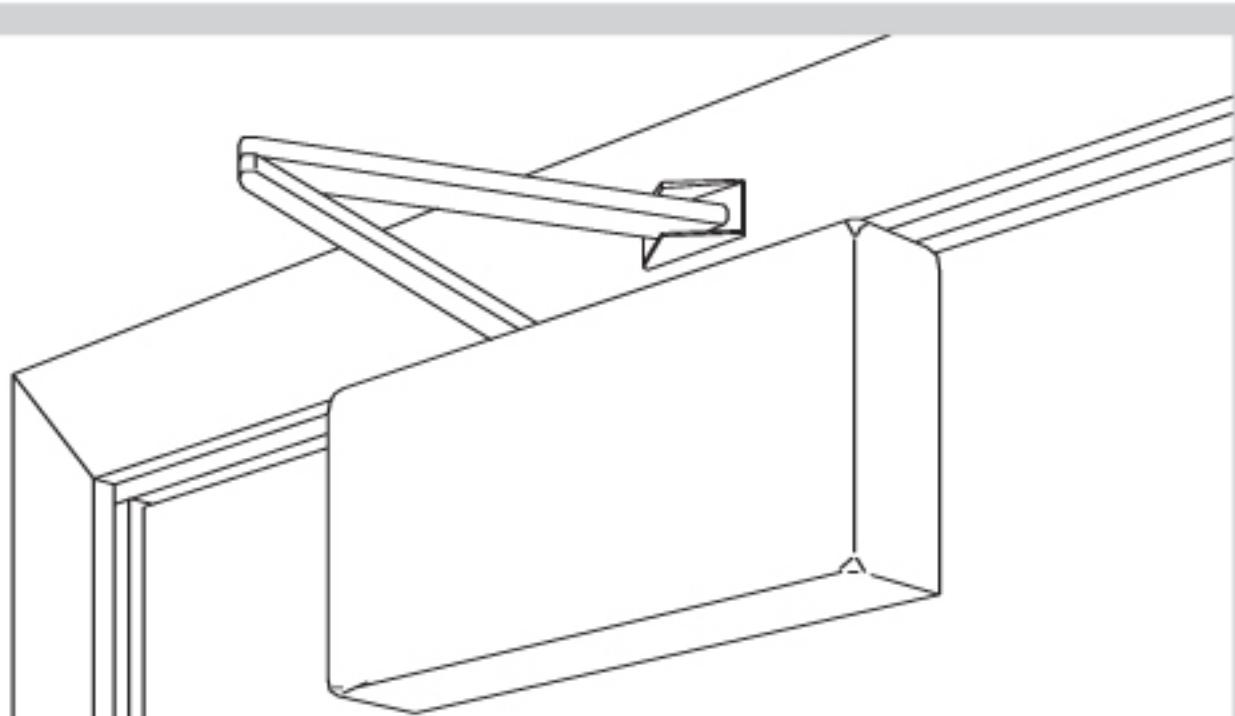


Fig. 13

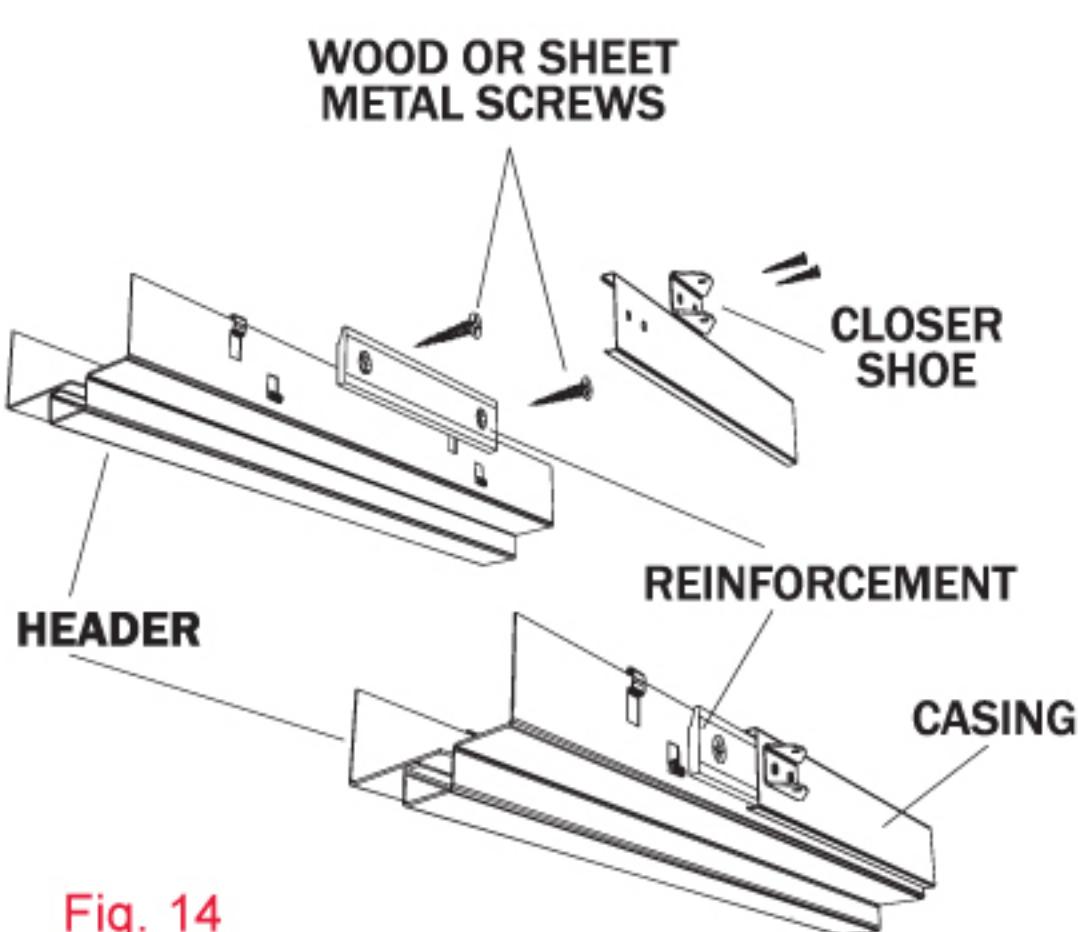


Fig. 14

- 1 Position closer reinforcement on header where the door closer shoe is to be mounted (Fig. 13 & 14).
- 2 Mount the reinforcement flush with the header face.
- 3 Drill 3/16" (4.7625) pilot holes in the header through the countersunk holes in the reinforcement and secure with 1-1/4" (31.75) Type "S" Bugle Head Self-Tapping Screws.
- 4 Install header casing.
- 5 Position closer shoe on frame and drill pilot holes through the casing and regular arm closer reinforcement.
- 6 Tap these holes as per the Closer Installation Instructions.
- 7 Secure the closer shoe to the frame.



CLOSER REINFORCEMENT IS OPTIONAL. IF REINFORCEMENT IS NOT USED, THROUGH BOLT INSTALLATION IS REQUIRED.



REDIFRAME®

Marco de Acero para
Puertas de Apertura Fija

PROCEDIMIENTO PARA LA INSTALACION DE MARCOS AJUSTABLES (REDIFLEX)

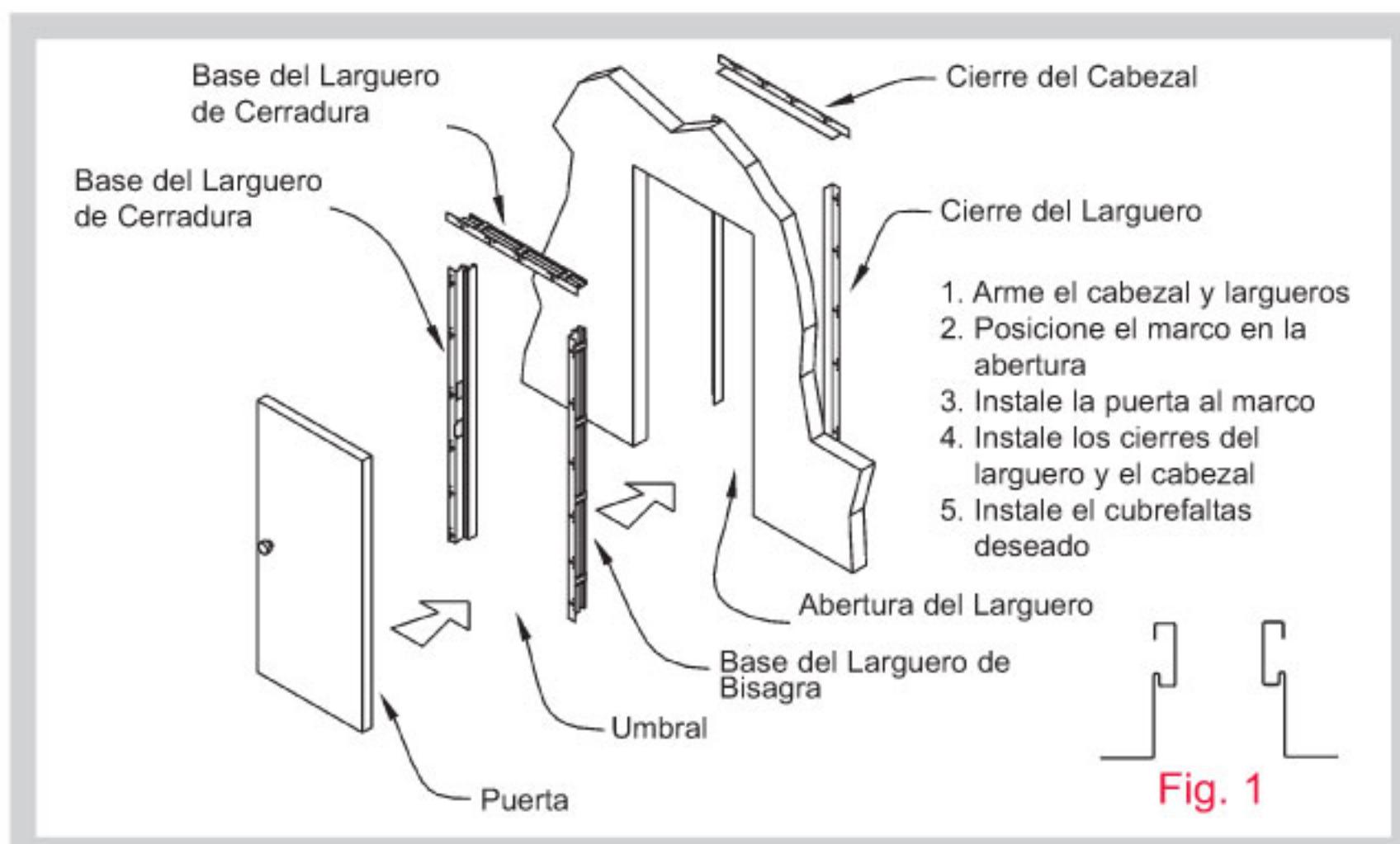


Fig. 1

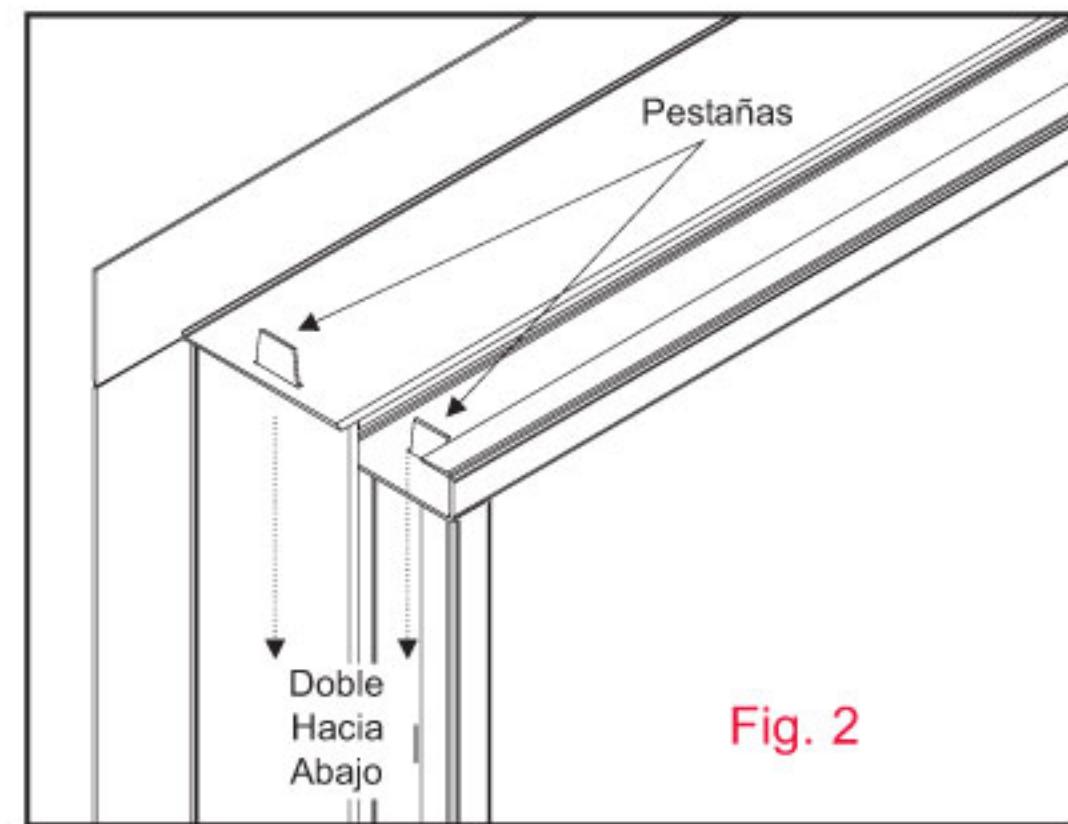


Fig. 2



Fig. 4



Fig. 5



Fig. 6

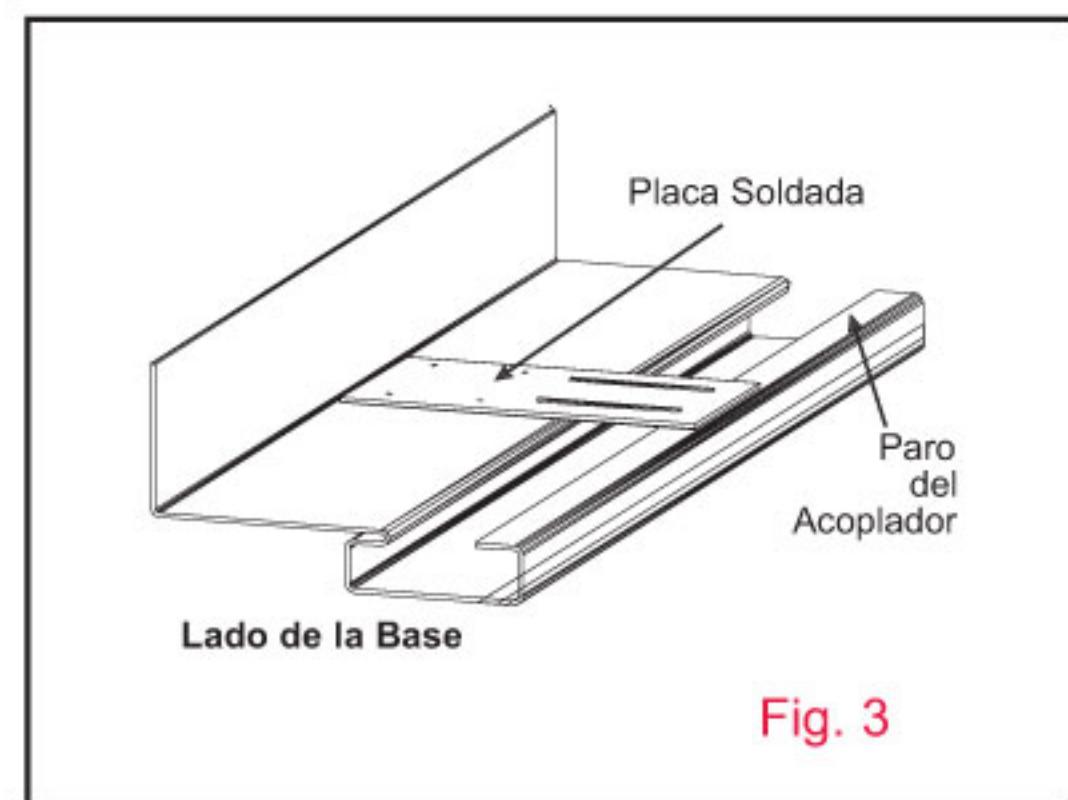


Fig. 3

1 Abra la caja y remueva todos los componentes del marco. Inspeccione por daños. Si hay daño aparente, notifique al representante de ventas o distribuidor inmediatamente para así acelerar el proceso de reemplazo.

2 Arme los lados de la base del marco (los cuales consisten de intrados de bisagra, intrados punzonado para cerradura y cabezal) colocando el punzonador de cara o plano en una superficie (Fig. 1). Inserte las pestañas localizadas a ambos extremos de los intrados en las ranuras del cabezal. Doble las pestañas hacia fuera y abajo para asegurar un acomodo seguro entre los intrados y el cabezal (fig 2). Pare el marco y posícelo en la abertura bruta. Nota: si usa el umbral, instálelo antes de poner el marco en la abertura bruta.

Cuadre el cabezal e intrados de bisagra utilizando un cuadrado de carpintero, entonces asegure la esquina del cabezal. Usando un nivel, asegúrese que el intrados de bisagra esté a plomo (empiece arriba). Repita el proceso para el intrados punzonado.

3 Instale la puerta y ajuste el marco utilizando la puerta como plantilla. Ajuste el marco a la puerta para que haya igualdad de espacio sobrante entre la puerta superior y los lados de la puerta que equivalgan entre $1/16" - 1/8"$ (1.5875-3.175). Despues de ajustar propiamente, asegure con los tornillos recomendados.

4 Instale las piezas de cierre por la parte de atrás guiando el cierre entre plato y pare. Empiece en cualquier extremo de la pieza de cierre. Puede ser necesario el aplicar algo de presión a la parte de afuera del marco al punto de comienzo para permitir que el cierre se deslice entre el plato y pare de la puerta.

5 Cuando todas las piezas del cierre sean instaladas y se haya establecido un espacio libre, asegúrelo a la pared. NOTA: Cuando instale la

pieza de cierre, asegúrese que el cierre está entre el pare del acoplador y cada placa soldada individual del lado de la base del marco. (Fig 3)

6 Instale el burlete o junta aisladora de humo según se requiere, equipo de cerradura, y pieza ajustable para cerradura. Ajuste el orificio de cerradura para eliminar todo movimiento en la puerta después que cierre. Añada sujetadores adicionales si se requieren.

7 Para aplicaciones de cubrefaltas de Madera, localice la marca "T" en el frente del marco. Coloque el borde del cubrefaltas paralelo a la "T". Localice los clavos en el cubrefaltas aproximadamente $1/2"$ (12.7) atrás desde la parte de arriba de la "T" y centralice, entonces proceda a fijar. Esto permitirá clavar a través del marco y hueco ovalado. (Fig 10, 12).

8 Para aplicar cubrefaltas de acero, aluminio y acero colonial S56 deslice las piezas de alinear esquinas a las puntas del cabezal de tal manera que los bordes de los esquineros estén bien instalados dentro del canal del cubrefaltas. Centralice el cubrefaltas del cabezal al marco y encaje a presión en su lugar enganchando la esquina del cubrefaltas bajo la parte de afuera del corte del cubrefaltas, entonces presione sobre la parte interior del corte de cubrefaltas. NO FUERZE EL CUBREFALTAS SOBRE AMBOS LADOS DEL CORTE SIMULTANEAMENTE. Sujete el cubrefaltas de intrados a un ángulo leve hacia fuera y encaje las esquinas mitre sobre la pieza de esquina que sobresale del cubrefaltas del cabezal; empie hacia arriba para unir el corte mitre al cubrefaltas del cabezal. Asegúrese que el cubrefaltas del intrados esté alineado con los cortes del cubrefaltas (de toques al cabezal izquierdo o derecho con un martillo según necesite para manejarlo) y enganche el cubrefaltas sobre el corte de afuera. Inspeccione la unión mitre para un encaje seguro (ajuste el cubrefaltas del cabezal hacia derecha o izquierda según sea

necesario), entonces enganche el cubrefaltas sobre la parte interior del corte y complete los lados opuestos. (Fig. 4,5,6,9, 12).

PARA REMOVER EL CUBREFALTAS, Use un destornillador común pequeño con punta de paleta o un cuchillo de esparrago macilla. Empiece en la parte de abajo del cubre faltas del intrados en la parte de adentro del marco. Suavemente inserte la punta del destornillador entre el cubre faltas y la pierna del marco. Despacio trabaje el destornillador hacia arriba del cubre faltas hasta el primer corte de lanza. Rote el destornillador en contra de las manecillas del reloj; el cubre faltas se desprenderá de dentro de la curva de lanza. Repita este procedimiento con los cortes de lanza restantes. Después que todos los cortes de lanza interior hayan sido despegados, suavemente saque el cubre faltas de abajo del corte de lanza exterior y remueva.

REQUISITOS PARA LA INSTALACION DE PRODUCTOS ESPECIALES

PINTURA: Unidades con capa de pintura primaria deben ser pintadas dentro de 30 (treinta) días con un esmalte a base de aceite (recomendado) o una de alta calidad con base de agua látex. Un inhibidor de moho se debe usar cuando utilice pintura a base de agua látex. Consulte la fabrica.

INSTRUCCIONES DETALLADAS PARA PINTAR: (1) Limpie con un paño mojado en una solución suave de limpiador abrasivo. Enjuague bien y seque completamente. (2) Use una pintura de alta calidad para interior o exterior (dependiendo del uso) para terminar el marco. Aplique la pintura cuando la temperatura esté sobre 50° F y la humedad sea menor de 90%. (3) NO PINTE EL SELLO AISLANTE. (El sello aislante Kerf puede ser removido temporalmente para pintar.) Consulte con la planta manufacturera.

SELLO AISLANTE: Es recomendado para tales productos como Ultra o Pemko que comprimen a un máximo de $1/16"$ (1.5875). EL NO cumplir con estos requisitos PODRIA resultar en que se trabe la bisagra.

INSTALLATION OF PARALLEL ARM CLOSER REINFORCEMENT

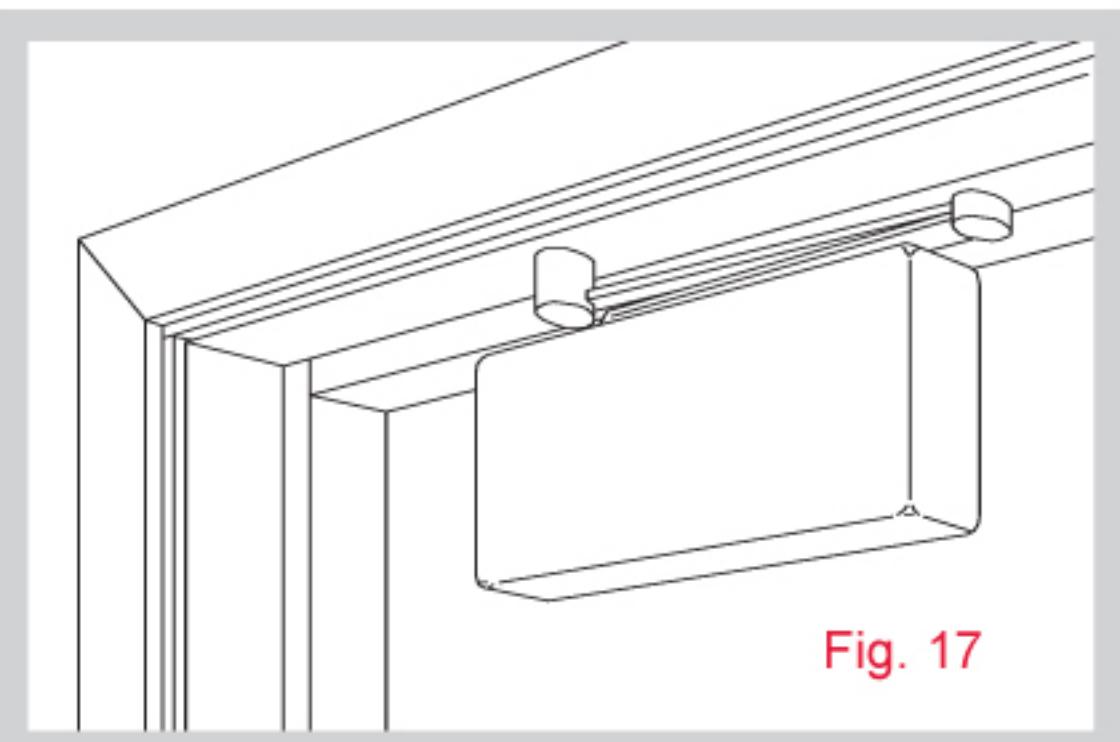


Fig. 17

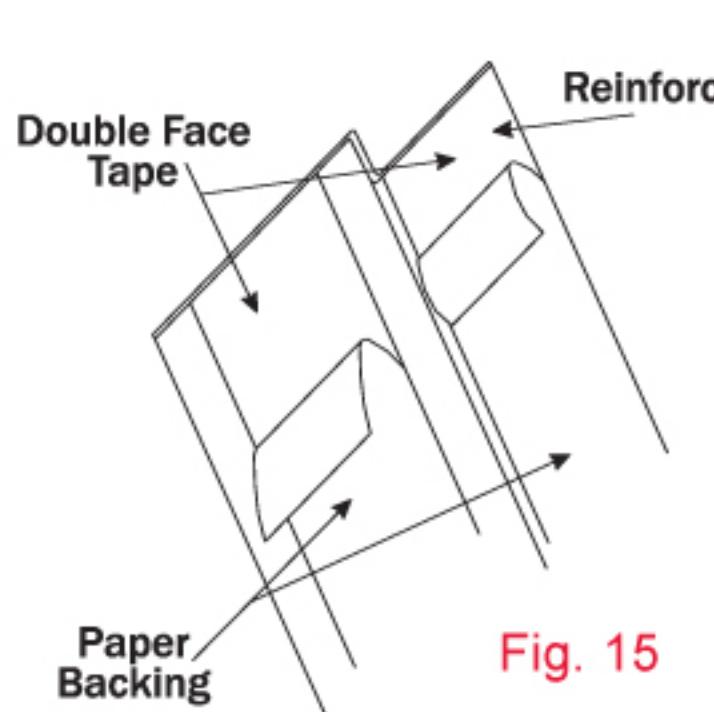


Fig. 15

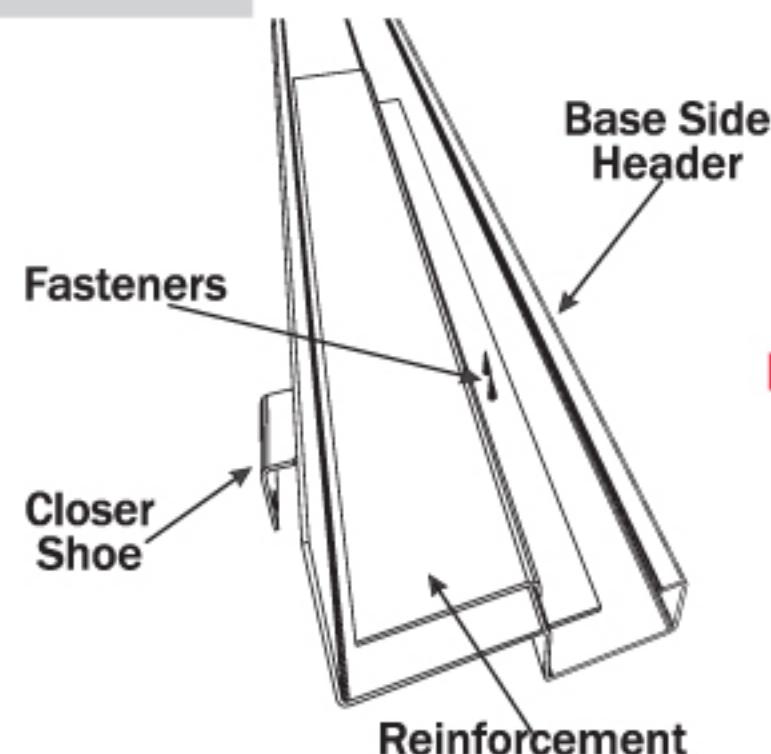


Fig. 16

WARNING
THE PARALLEL ARM CLOSER
REINFORCEMENT SLEEVE MUST BE
ATTACHED BEFORE INSTALLING
THE DOOR FRAME.

INSTALLATION OF PARALLEL ARM CLOSER REINFORCEMENT

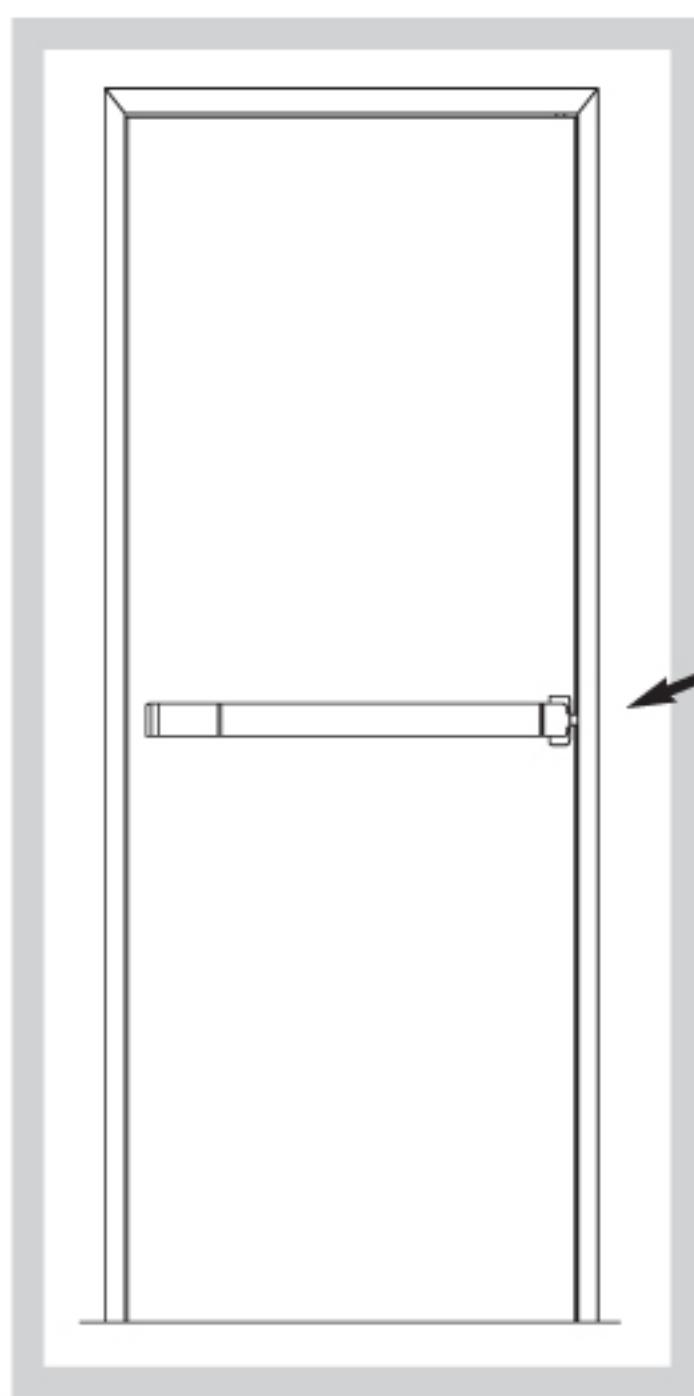


Fig. 20
Surface-Applied
Strike

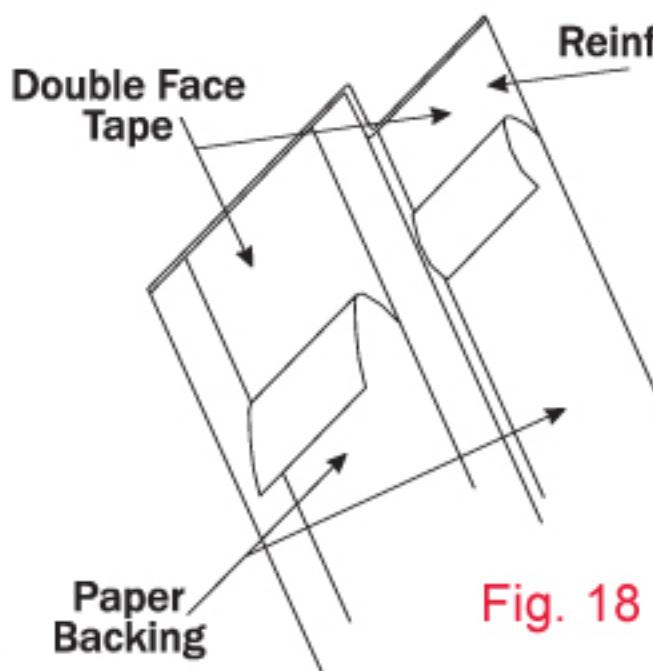


Fig. 18

- 1 Clean general area with solvent where Rim Exit Reinforcement is to be positioned on upright.
- 2 Expose double face tape by removing paper backing on two strips of tape (Fig. 18) and press into position to secure the sleeve to the frame (Fig. 19).
- 3 Drill and tap through frame and reinforcement for hardware attachment (Fig. 20).
- 4 Install frame and door in conventional manner.

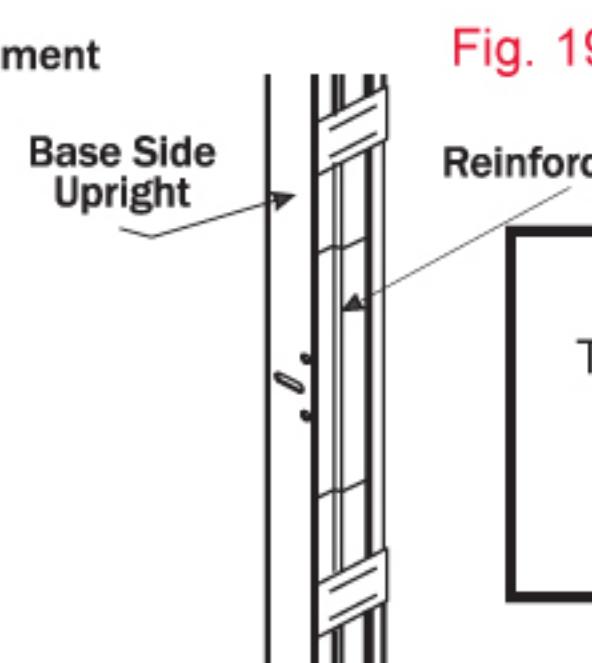


Fig. 19

WARNING
THE RIM EXIT REINFORCEMENT
SLEEVE MUST BE ATTACHED
BEFORE INSTALLING
THE DOOR FRAME.



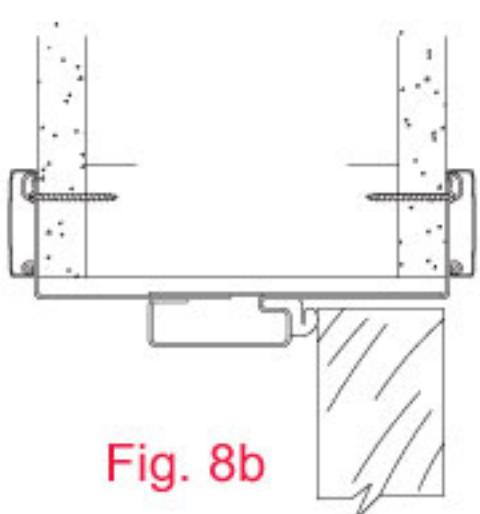
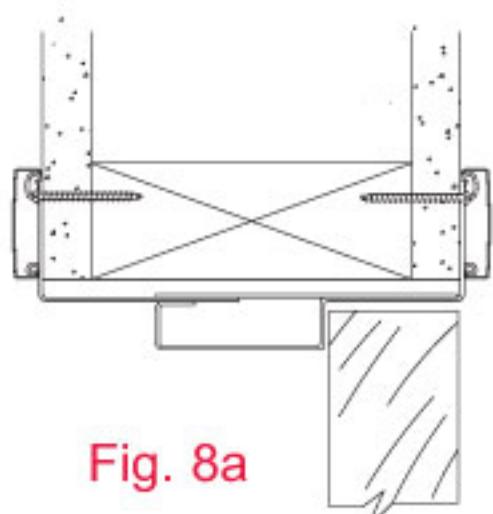
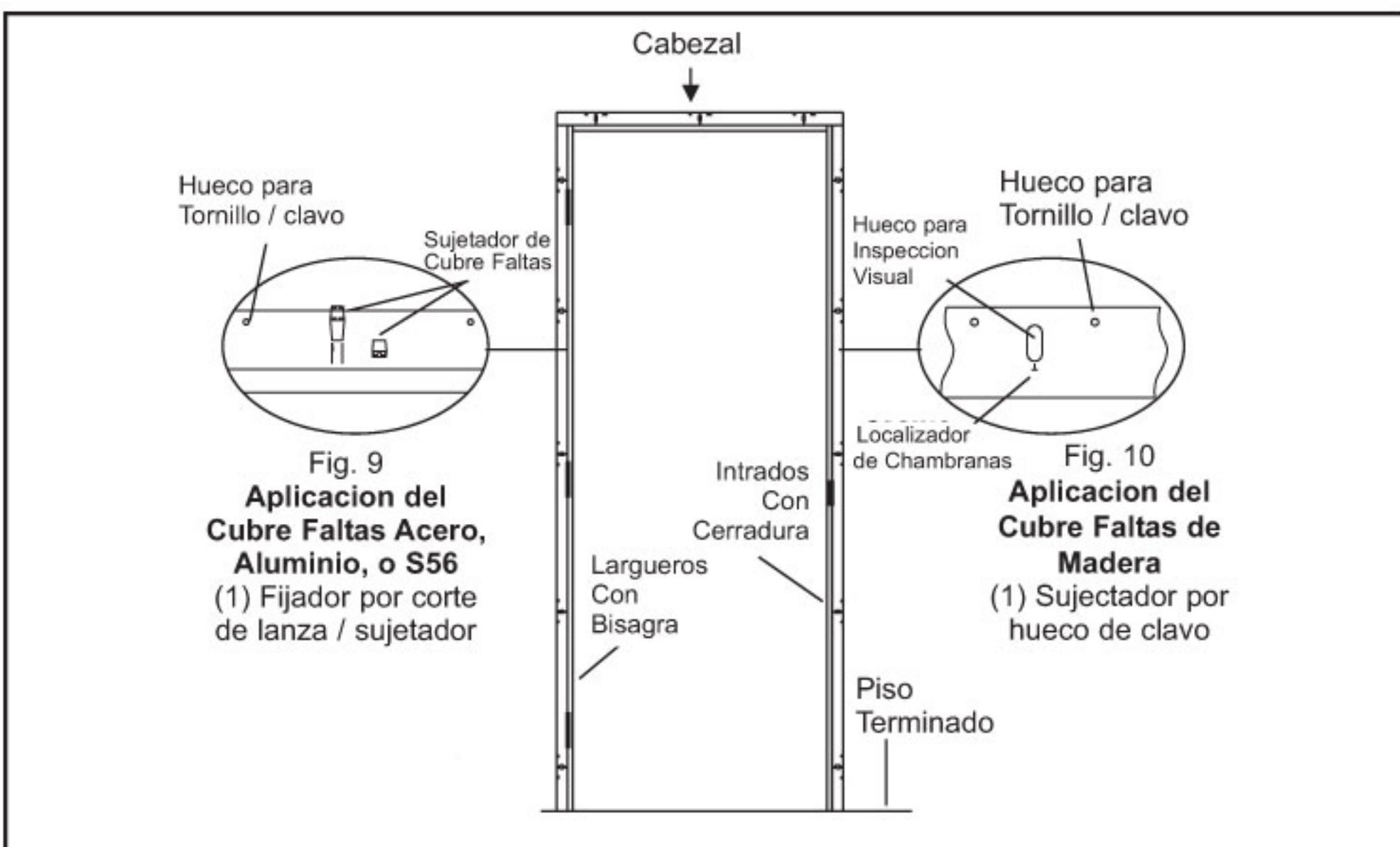
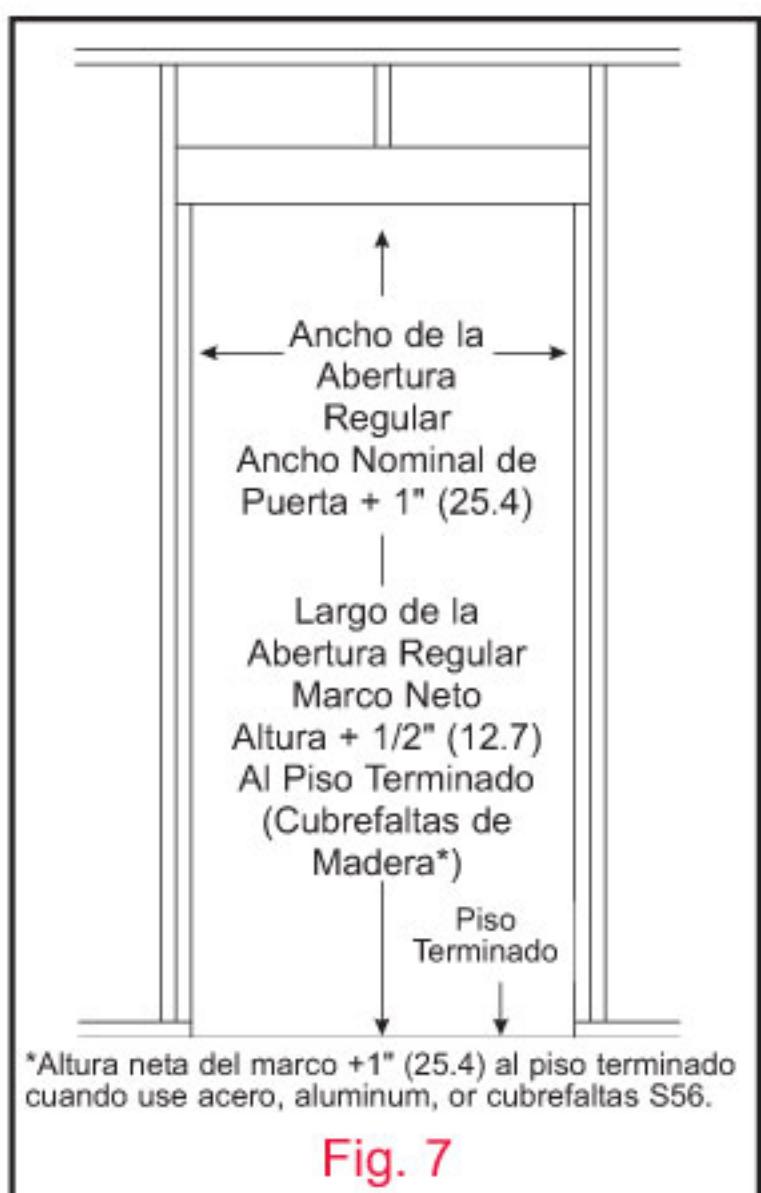
REDIFRAME™

Adjustable Steel Door Frames

All increments shown in (parenthesis) are millimeters unless otherwise indicated. Imperial and metric dimensions may not be equivalents.

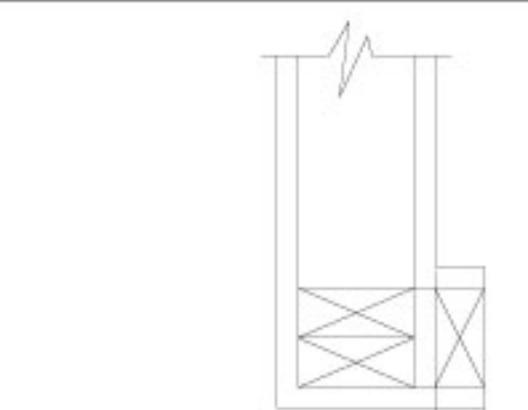
P.O. Box 6416 Dothan, AL 36302-6416
800-633-7553 334-794-0661 334-793-3462 fax
www.dunbarton.com rediframe@dunbarton.com

PROCEDIMIENTO PARA ASEGURAR EL MARCO REDIFLEX



Construcción de Pared:
Poste de Madera/ Piedra Seca
Sujetadores Recomendados:
1-1/4" (31.75) (min.)
Tornillos de Piedra Seca
Estrías separadas

Construcción de Pare
Postes de Metal/Piedra Seca
Sujetadores Recomendados:
1-1/4" (31.75) (min.) Tipo "S"
Tornillos Auto-penetrantes de forma de trompeta



Pared de Postes
Ejemplo:
Chambranas de Aluminio y Acero
1-1/2" (38.1) + 1/2" (12.7)
= 2" (50.8)
Chambranas S56
2-1/4" (57.15) + 1/2" (12.7)
= 2-3/4" (69.85)

12.7)

NOTA ANTES DE SUJETAR: Determine cuales son los herrajes y refuerzos a utilizarse (umbral, cierra puertas, etc.). Asegúrese de que el marco no esté torcido.

NOTA: EN MARCOS CON TASA A PRUEBA DE FUEGO, los sujetadores deben un mínimo de 1/2" (13) mas largo que el espesor de la pared de piedra seca o revestimiento aplicado al poste.

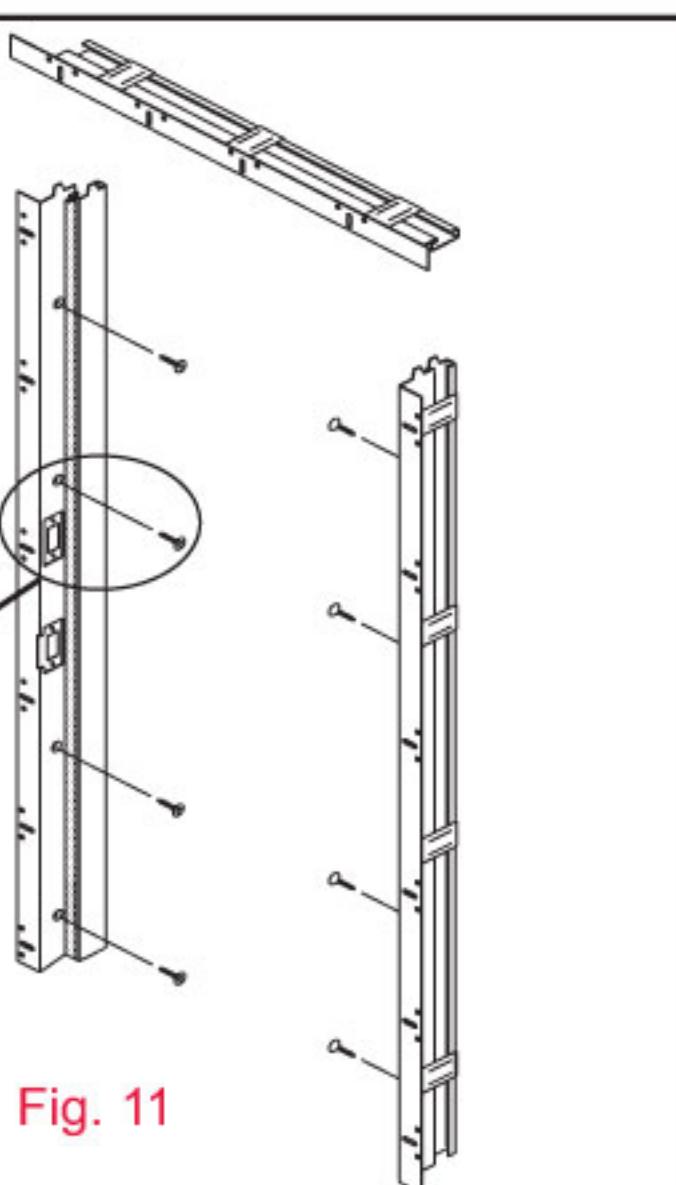
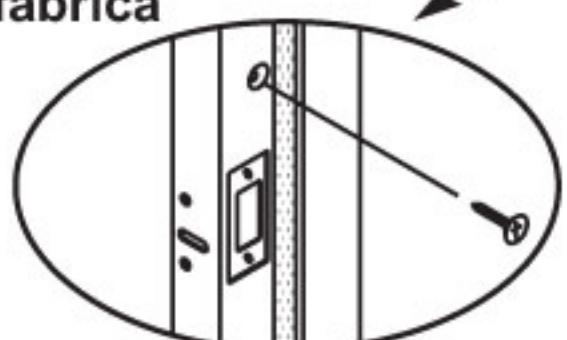
REQUISITOS DE PRESION POSITIVA:
Puertas categoría "A": No se requiere sellante de borde adicional.
Puertas categoría "B": Se requiere sellante de categoría "G" adicional según las instrucciones de instalación del sello de borde.
LA MARCA "S" ES VALIDA SOLAMENTE SI EL SELLO DE CONTROL DE CORRIENTE DE AIRE DE CATEGORIA "H" ES APLICADO.

ANCLAJES AVELLANADOS

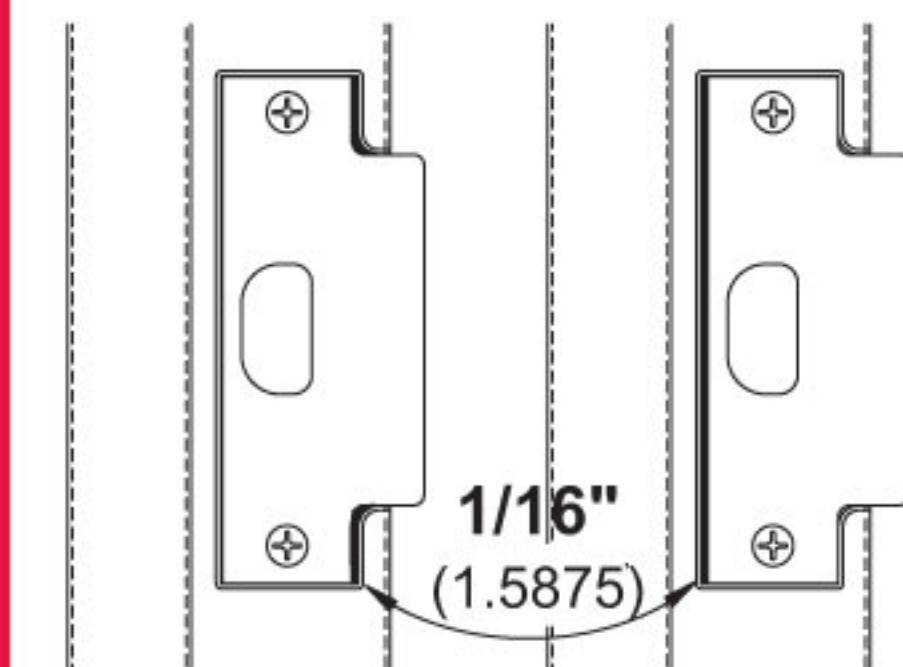
1 Si el marco es provisto con anclajes avellanados en el intrados utilice 1-1/4" (31.75) (min.) tornillos tip "S" auto-penetrantes con cabeza de trompeta.

2 No lo aprete excesivamente.

3 El no utilizar tornillos avellanados (trompeta) anula la tasa de fuego, consulte la fabrica (Fig. 11).



PLACA DE CERRADURA ASA AJUSTABLE Y PRE-ACUNADA



- 1** Afloje los tornillos
- 2** Ajuste el orificio de cerradura: La placa para la cerradura puede ser movida 1/16" (1.5875) horizontalmente para acomodar la posición del orificio de la cerradura.
- 3** Apriete los tornillos nuevamente.
- 4** Asegure no hay roce en la placa de la cerradura.

PROCEDIMIENTO PARA ASEGURAR EL MARCO REDIFLEX

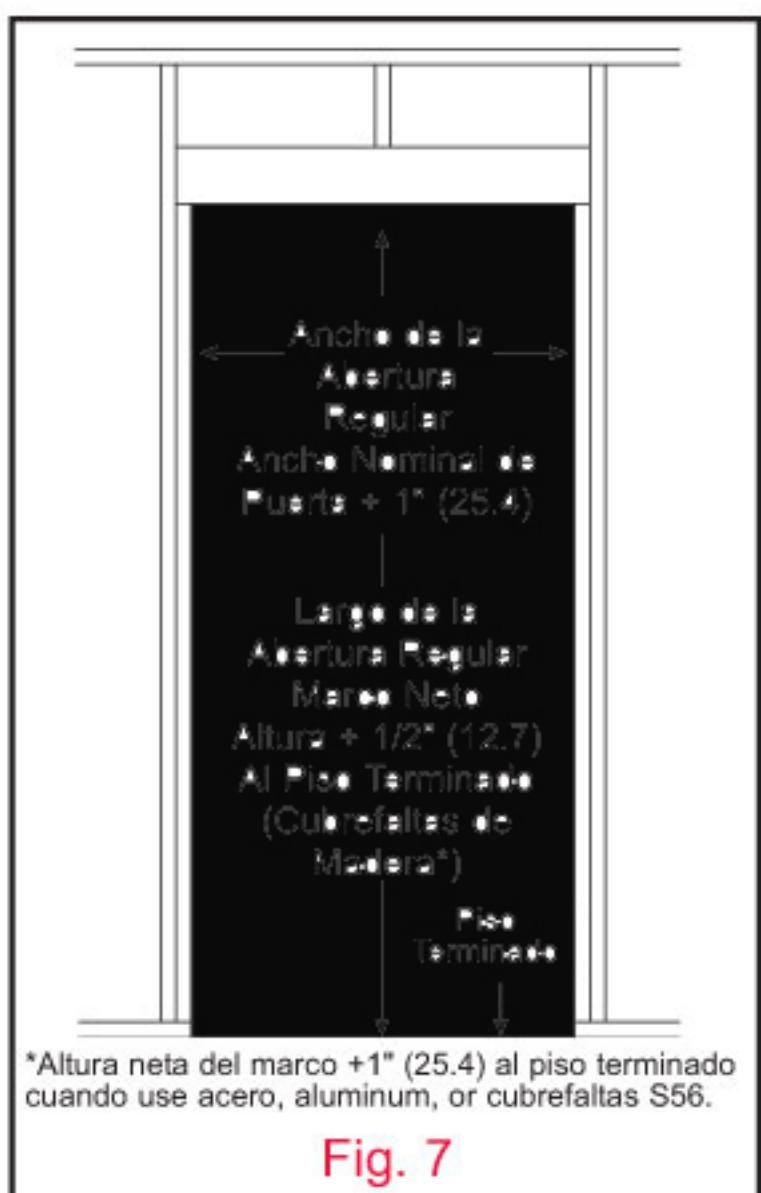


Fig. 7

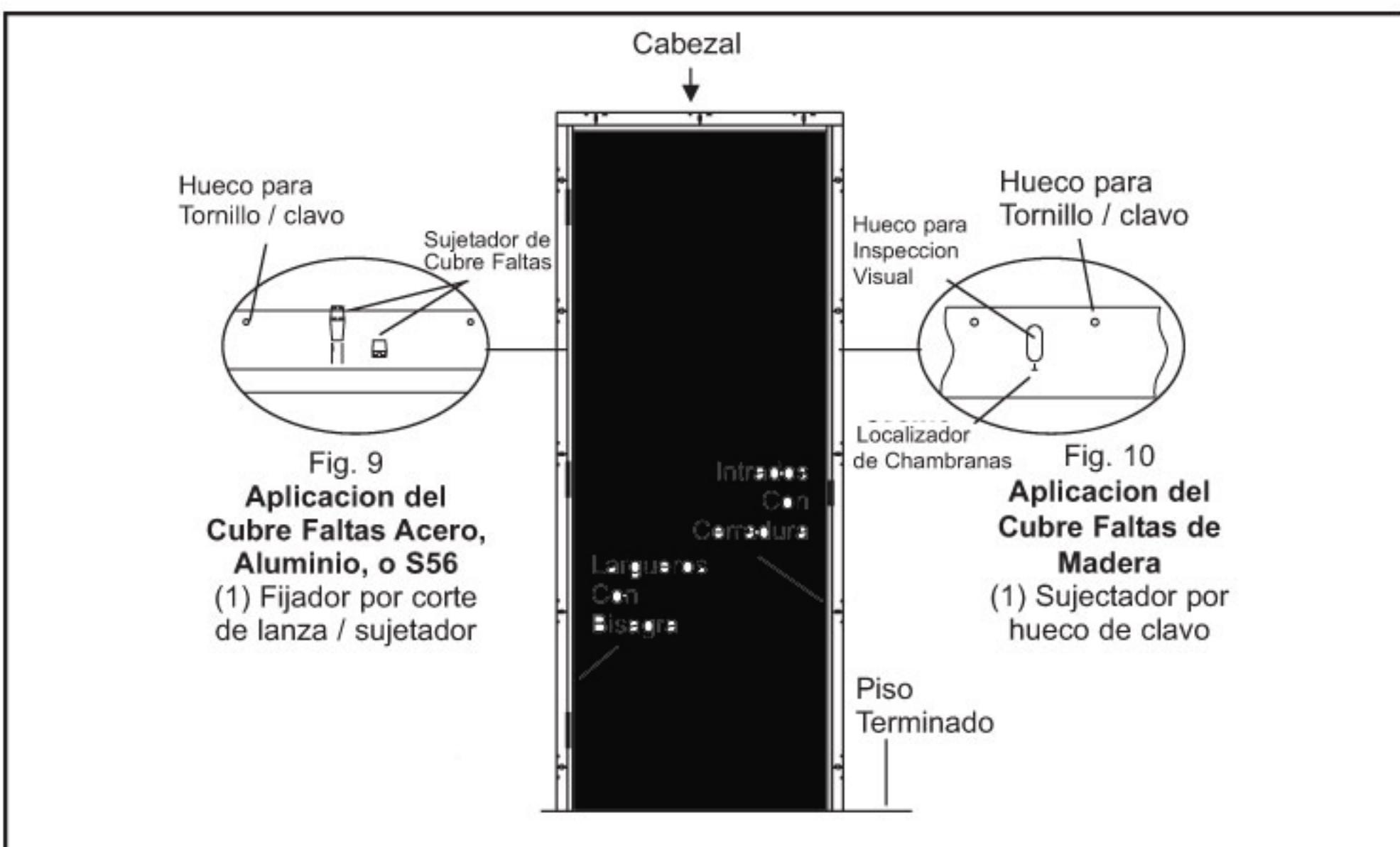


Fig. 9
Aplicacion del
Cubre Faltas Acero,
Aluminio, o S56
(1) Fijador por corte
de lanza / sujetador

Fig. 10
Aplicacion del
Cubre Faltas de
Madera
(1) Sujeccor por
hueco de clavo

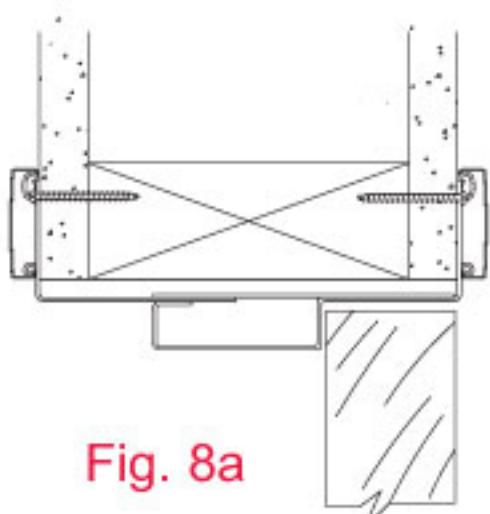


Fig. 8a

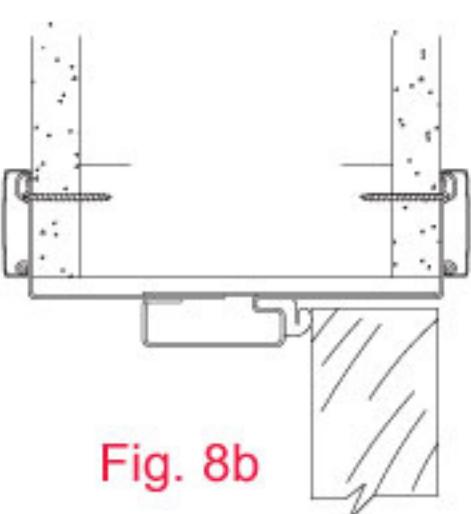


Fig. 8b

Construcción de Pared:
Poste de Madera/ Piedra Seca
Sujetadores Recomendados:
1-1/4" (31.75) (min.)
Tornillos de Piedra Seca
Estrías separadas

Construcción de Pare
Postes de Metal/Piedra Seca
Sujetadores Recomendados:
1-1/4" (31.75) (min.) Tipo "S"
Tornillos Auto-penetrantes de
forma de trompeta

Minimo Para Pared de Poste-
Ancho del Chambranas
+ 1/2" (12.7)

Pared de Postes
Ejemplo:
Chambranas de
Aluminio y Acero
1-1/2" (38.1) + 1/2" (12.7)
= 2" (50.8)
Chambranas S56
2-1/4" (57.15) + 1/2" (12.7)
= 2-3/4" (69.85)

12.7)

NOTA ANTES DE SUJETAR: Determine cuales son los herrajes y refuerzos a utilizarse (umbral, cierra puertas, etc.). Asegúrese de que el marco no esté torcido.

NOTA: EN MARCOS CON TASA A PRUEBA DE FUEGO, los sujetadores deben un mínimo de 1/2" (13) mas largo que el espesor de la pared de piedra seca o revestimiento aplicado al poste.

REQUISITOS DE PRESION POSITIVA:
Puertas categoría "A": No se requiere sellante de borde adicional.
Puertas categoría "B": Se requiere sellante de categoría "G" adicional según las instrucciones de instalación del sello de borde.
LA MARCA "S" ES VALIDA SOLAMENTE SI EL SELLO DE CONTROL DE CORRIENTE DE AIRE DE CATEGORIA "H" ES APLICADO.

ANCLAJES AVELLANADOS

1 Si el marco es provisto con anclajes avellanados en el intraves utilice 1-1/4" (31.75) (min.) tornillos tipo "S" auto-penetrantes con cabeza de trompeta.

2 No lo aprete excesivamente.

3 El no utilizar tornillos avellanados (trompeta) anula la tasa de fuego, consulte la fábrica (Fig. 11).

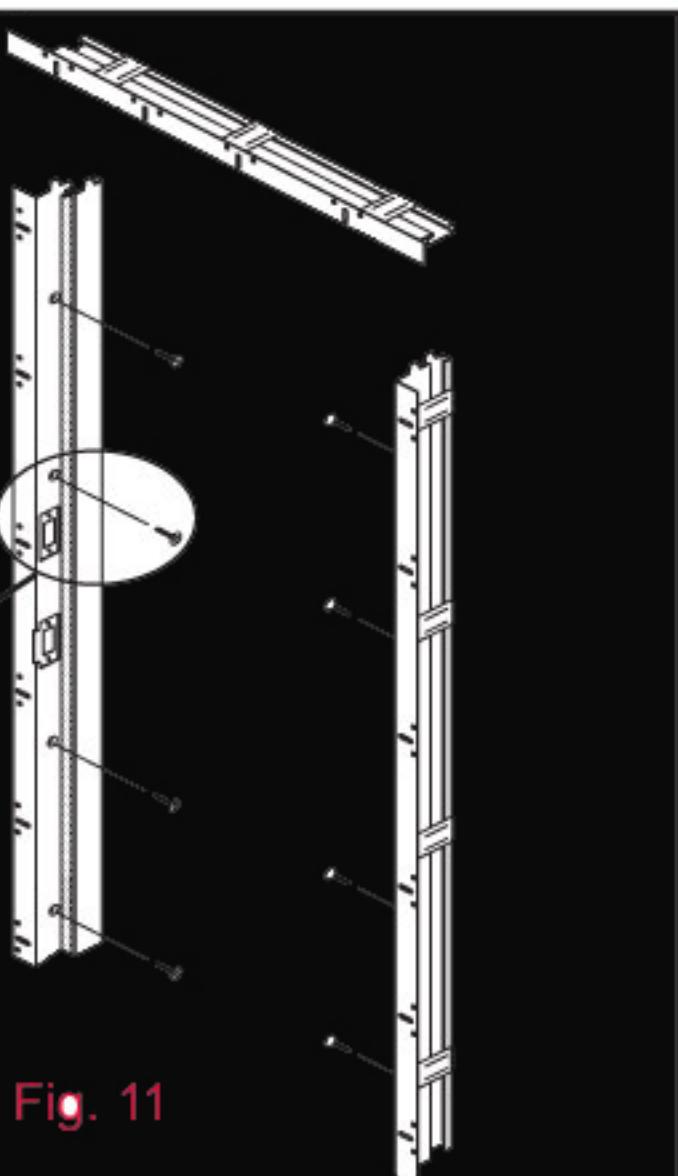
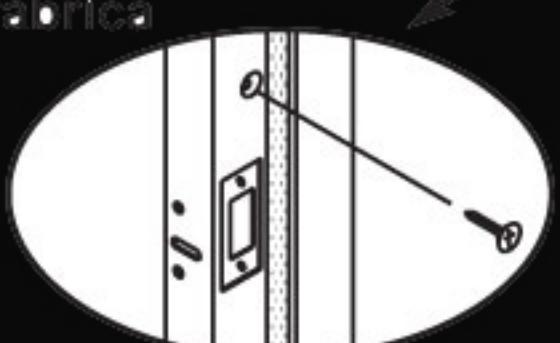
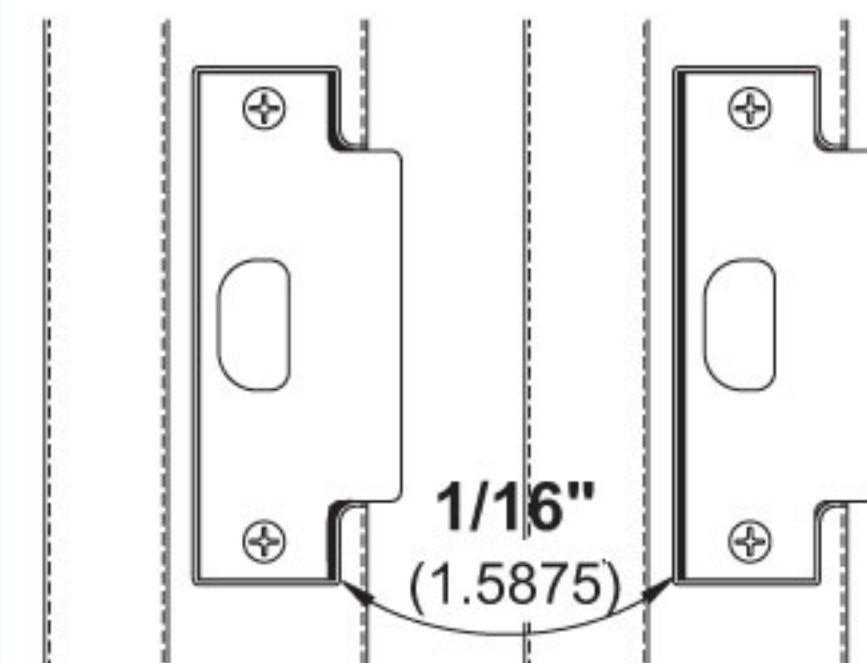


Fig. 11

PLACA DE CERRADURA ASA AJUSTABLE Y PRE-ACUNADA



1 Afloje los tornillos

2 Ajuste el orificio de cerradura: La placa para la cerradura puede ser movida 1/16" (1.5875) horizontalmente para acomodar la posición del orificio de la cerradura.

3 Apriete los tornillos nuevamente.

4 Asegure no hay roce en la placa de la cerradura.



REDIFRAME™

Marco de Acero para Puertas
de Apertura Fija (Rediflex)

PROCEDIMIENTO PARA LA INSTALACION DE MARCOS AJUSTABLES (REDIFLEX)

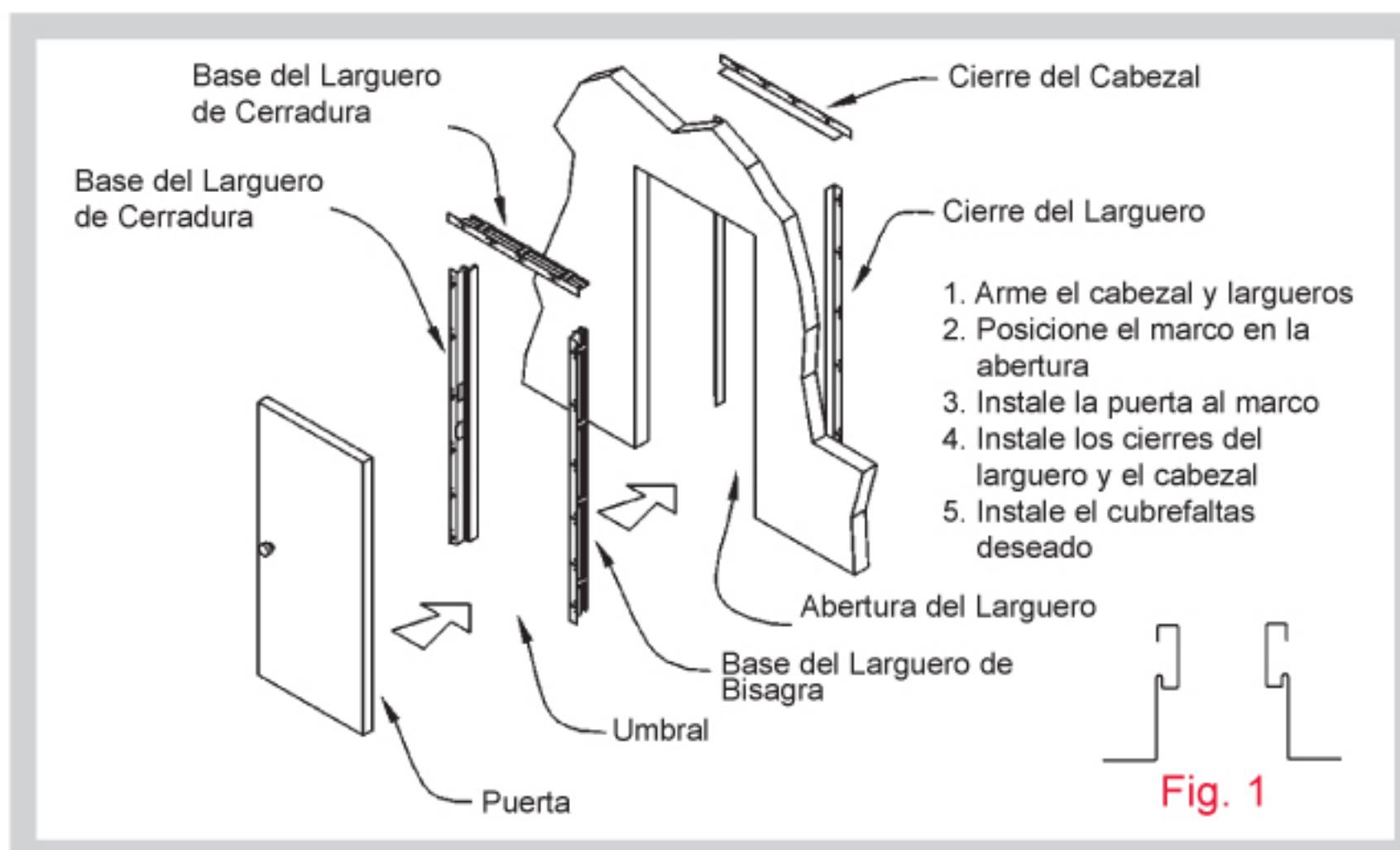


Fig. 1

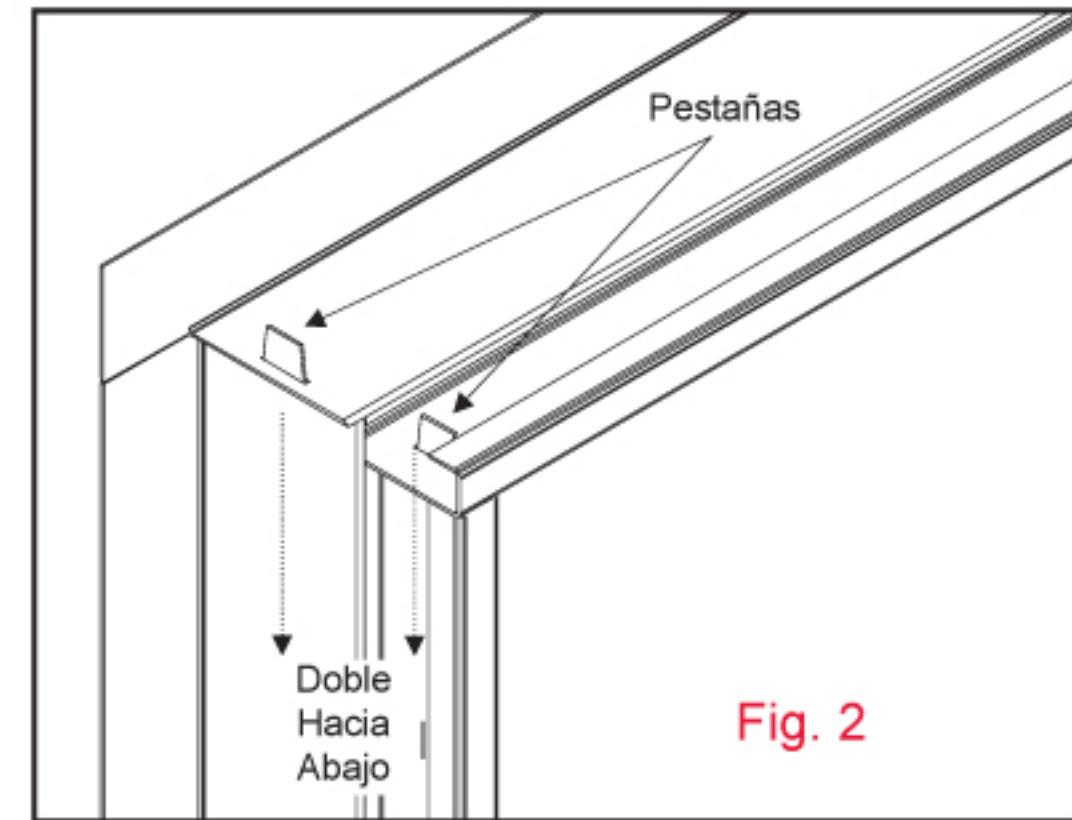


Fig. 2



Fig. 4

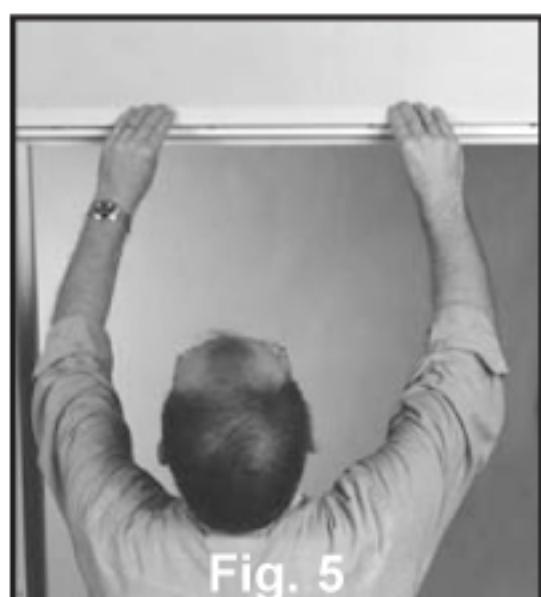


Fig. 5



Fig. 6

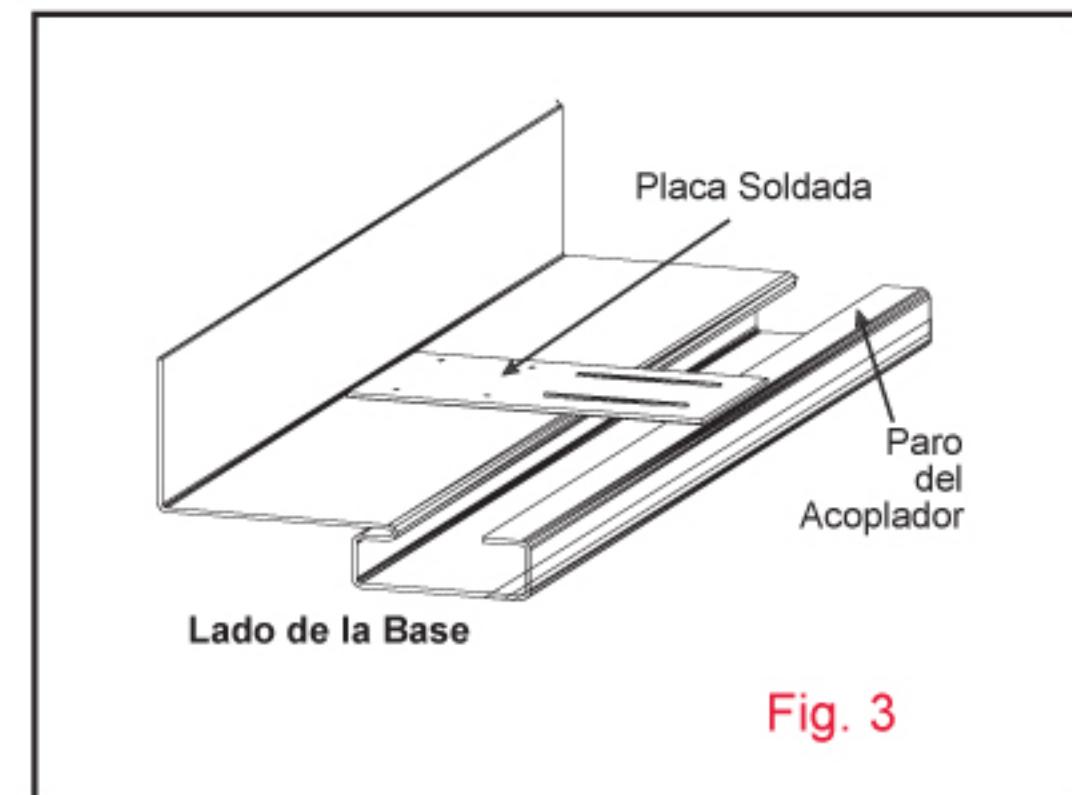


Fig. 3

1 Abra la caja y remueva todos los componentes del marco. Inspeccione por daños. Si hay daño aparente, notifique al representante de ventas o distribuidor inmediatamente para así acelerar el proceso de reemplazo.

2 Arme los lados de la base del marco (los cuales consisten de intrados de bisagra, intrados punzonado para cerradura y cabezal) colocando el punzonador de cara o plano en una superficie (Fig. 1). Inserte las pestañas localizadas a ambos extremos de los intrados en las ranuras del cabezal. Doble las pestañas hacia fuera y abajo para asegurar un acomodo seguro entre los intrados y el cabezal (fig 2). Pare el marco y posiciónelo en la abertura bruta. Nota: si usa el umbral, instálelo antes de poner el marco en la abertura bruta.

Cuadre el cabezal e intrados de bisagra utilizando un cuadrado de carpintero, entonces asegure la esquina del cabezal. Usando un nivel, asegúrese que el intrados de bisagra esté a plomo (empiece arriba). Repita el proceso para el intrados punzonado.

3 Instale la puerta y ajuste el marco utilizando la puerta como plantilla. Ajuste el marco a la puerta para que haya igualdad de espacio sobrante entre la puerta superior y los lados de la puerta que equivalgan entre 1/16" – 1/8" (1.5875–3.175). Después de ajustar propiamente, asegure con los tornillos recomendados.

4 Instale las piezas de cierre por la parte de atrás guiando el cierre entre plato y pare. Empiece en cualquier extremo de la pieza de cierre. Puede ser necesario el aplicar algo de presión a la parte de afuera del marco al punto de comienzo para permitir que el cierre se

deslice entre el plato y pare de la puerta.

5 Cuando todas las piezas del cierre sean instaladas y se haya establecido un espacio libre, asegúrelo a la pared. NOTA: Cuando instale la pieza de cierre, asegúrese que el cierre está entre el pare del acoplador y cada placa soldada individual del lado de la base del marco. (Fig 3)

6 Instale el burlete o junta aisladora de humo según se requiere, equipo de cerradura, y pieza ajustable para cerradura. Ajuste el orificio de cerradura para eliminar todo movimiento en la puerta después que cierre. Añada sujetadores adicionales si se requieren.

7 Para aplicaciones de cubrefaltas de Madera, localice la marca "T" en el frente del marco. Coloque el borde del cubrefaltas paralelo a la "T". Localice los clavos en el cubrefaltas aproximadamente 1/2" (12.7) atrás desde la parte de arriba de la "T" y centralice, entonces proceda a fijar. Esto permitirá clavar a través del marco y hueco ovalado. (Fig 10, 12).

8 Para aplicar cubrefaltas de acero, aluminio y acero colonial S56 deslice las piezas de alinear esquinas a las puntas del cabezal de tal manera que los bordes de los esquineros estén bien instalados dentro del canal del cubrefaltas. Centralice el cubrefaltas del cabezal al marco y encaje a presión en su lugar enganchando la esquina del cubrefaltas bajo la parte de afuera del corte del cubrefaltas, entonces presione sobre la parte interior del corte de cubrefaltas. NO FUERZE EL CUBREFALTAS SOBRE AMBOS LADOS DEL CORTE SIMULTANEAMENTE. Sujete el cubrefaltas de intrados a un ángulo leve hacia fuera y encaje las esquinas mitre sobre la pieza de esquina que sobresale

del cubrefaltas del cabezal; empuje hacia arriba para unir el corte mitre al cubrefaltas del cabezal. Asegúrese que el cubrefaltas del intrados esté alineado con los cortes del cubrefaltas (de toques al cabezal izquierdo o derecho con un martillo según necesite para manejarlo) y enganche el cubrefaltas sobre el corte de afuera. Inspeccione la unión mitre para un encaje seguro (ajuste el cubrefaltas del cabezal hacia derecha o izquierda según sea necesario), entonces enganche el cubrefaltas sobre la parte interior del corte y complete los lados opuestos. (Fig. 4,5,6,9, 12).

PARA REMOVER EL CUBREFALTAS. Use un destornillador común pequeño con punta de paleta o un cuchillo de esparrir macilla. Empiece en la parte de abajo del cubre faltas del intrados en la parte de adentro del marco. Suavemente inserte la punta del destornillador entre el cubre faltas y la pierna del marco. Despacio trabaje el destornillador hacia arriba del cubre faltas hasta el primer corte de lanza. Rote el destornillador en contra de las manecillas del reloj; el cubre faltas se desprenderá de dentro de la curva de lanza. Repita este procedimiento con los cortes de lanza restantes. Después que todos los cortes de lanza interior hayan sido despegados, suavemente saque el cubre faltas de abajo del corte de lanza exterior y remueva.

REQUISITOS PARA INSTALACION DE PRODUCTOS ESPECIALES

PINTURA: Unidades con capa de pintura preparatoria deben ser pintadas dentro de 30 (treinta) días con un esmalte a base de aceite (recomendado) o una de alta calidad con base de agua látex. Un inhibidor de moho se debe usar cuando utilice pintura a base de agua látex. Consulte la fabrica.

OPCIONES PARA CUBREFALTAS

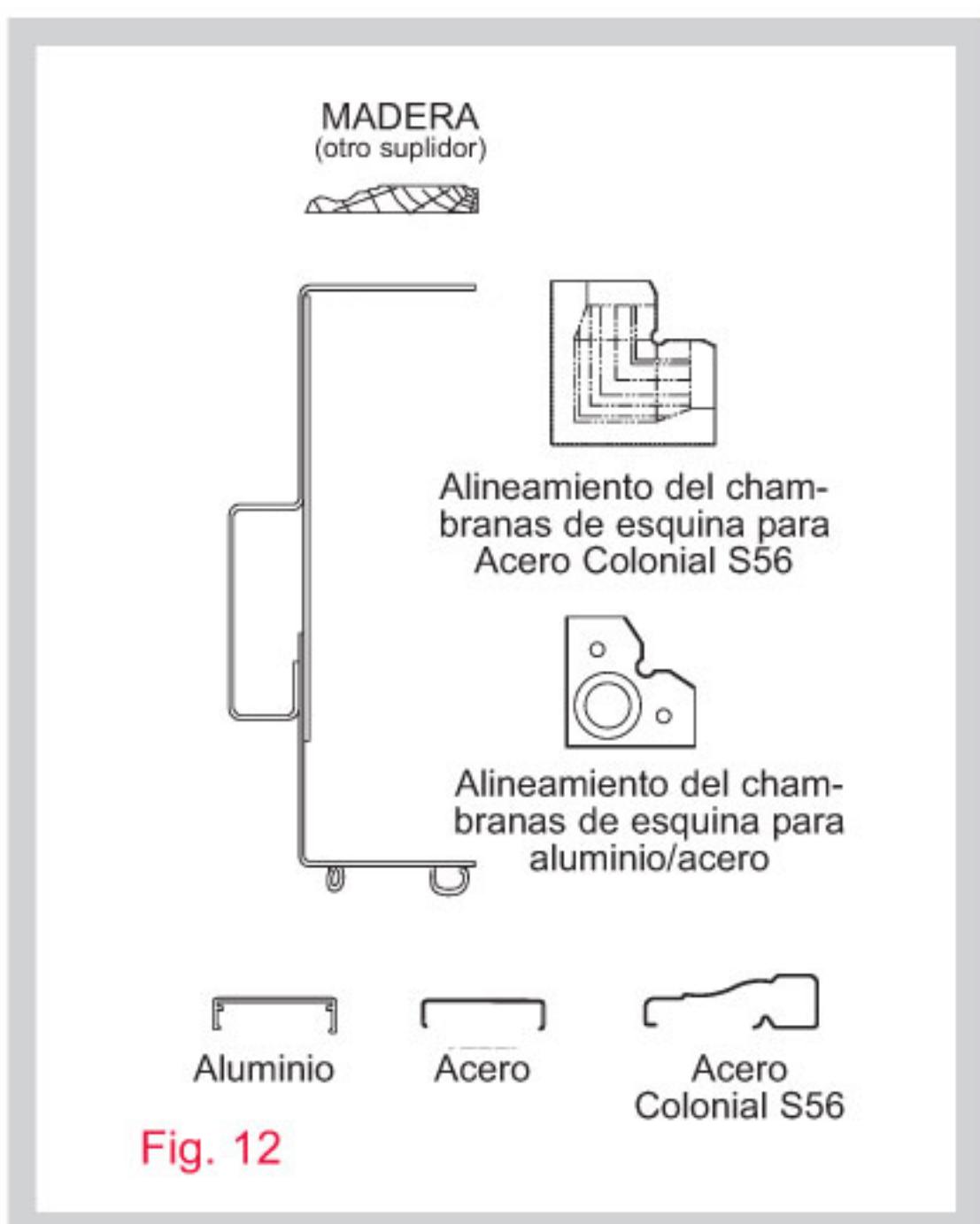
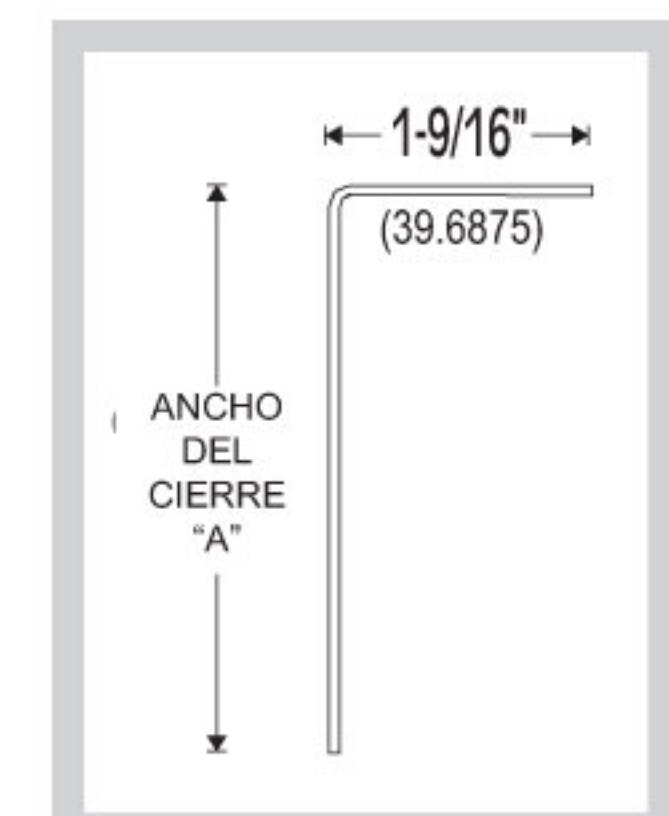


TABLA DE ANCHO DE CIERRE

KERF REDIFLEX (cm)			
TAMAÑO DE PAREDANCHO DEL CIERRE "A"			
4"-5"	(10.16-12.7)	1-1/2"	(3.81)
4-1/2"-5-1/2"	(11.43-13.97)	2"	(5.08)
5-1/2"-6-1/2"	(13.97-16.51)	3"	(7.62)
6-1/2"-7-1/2"	(16.51-19.05)	4"	(10.16)
7-1/2"-8-1/2"	(19.05-21.59)	5"	(12.7)
8-1/2"-9-1/2"	(21.59-24.13)	6"	(15.24)
9-1/2"-10-1/2"	(24.13-26.67)	7"	(17.78)

REGULAR REDIFLEX (cm)			
TAMAÑO DE PARED	ANCHO DEL CIERRE "A"		
4"-5-1/4"	(10.16-13.335)	2"	(5.08)
5"-6-1/4"	(12.7-15.875)	3"	(7.62)
6"-7-1/4"	(15.24-18.415)	4"	(10.16)
7"-8-1/4"	(17.78-20.955)	5"	(12.7)
8"-9-1/4"	(20.32-23.495)	6"	(15.24)
9"-10-1/4"	(22.86-26.035)	7"	(17.78)



REFIERASE A ESTA TABLA PARA VERIFICAR LOS ANCHOS CORRECTOS DE CIERRE PARA EL ANCHO DE LA PARED

INSTALACION DEL REFUERZO DEL BRAZO DE CIERRE REGULAR

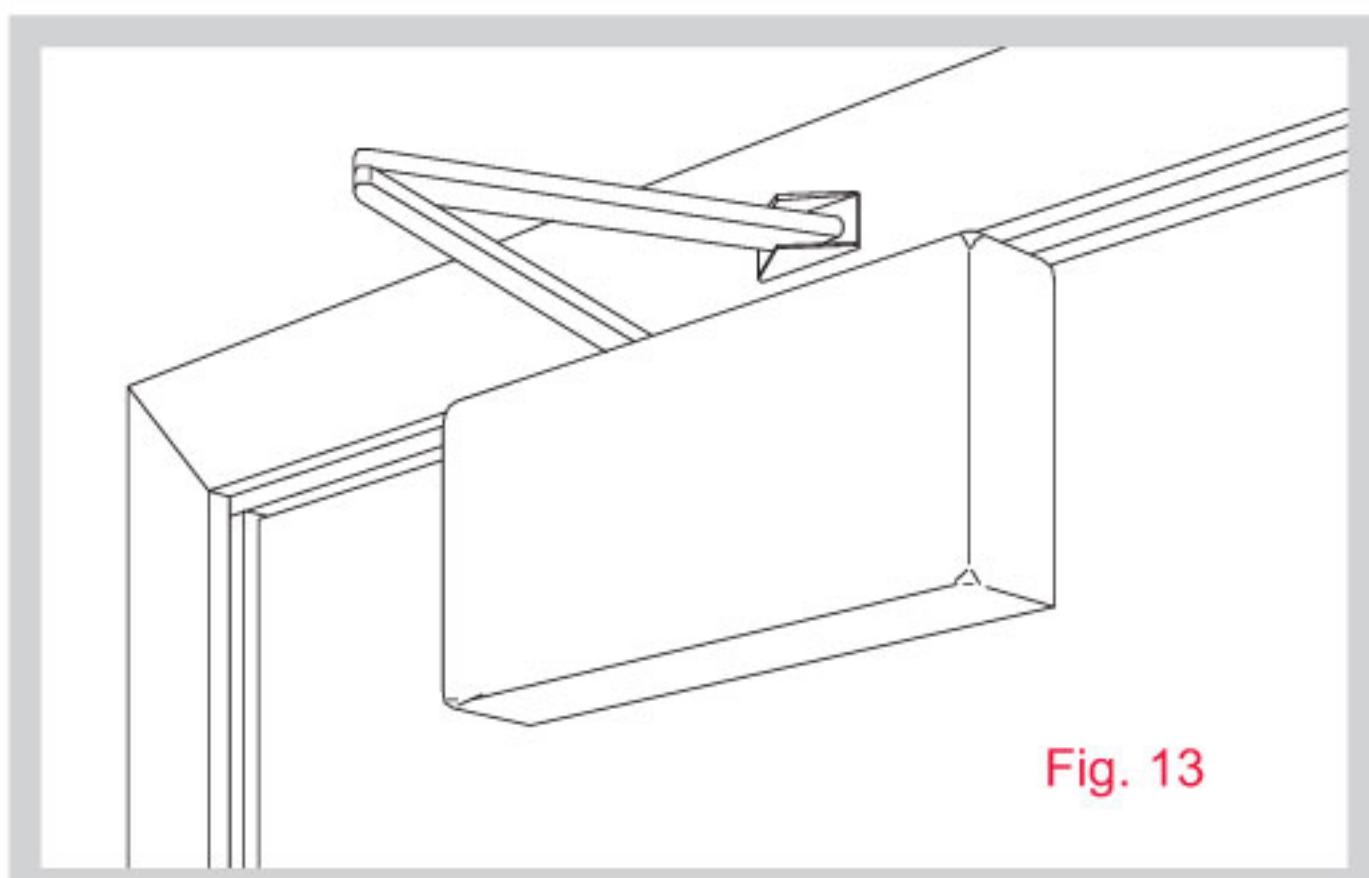
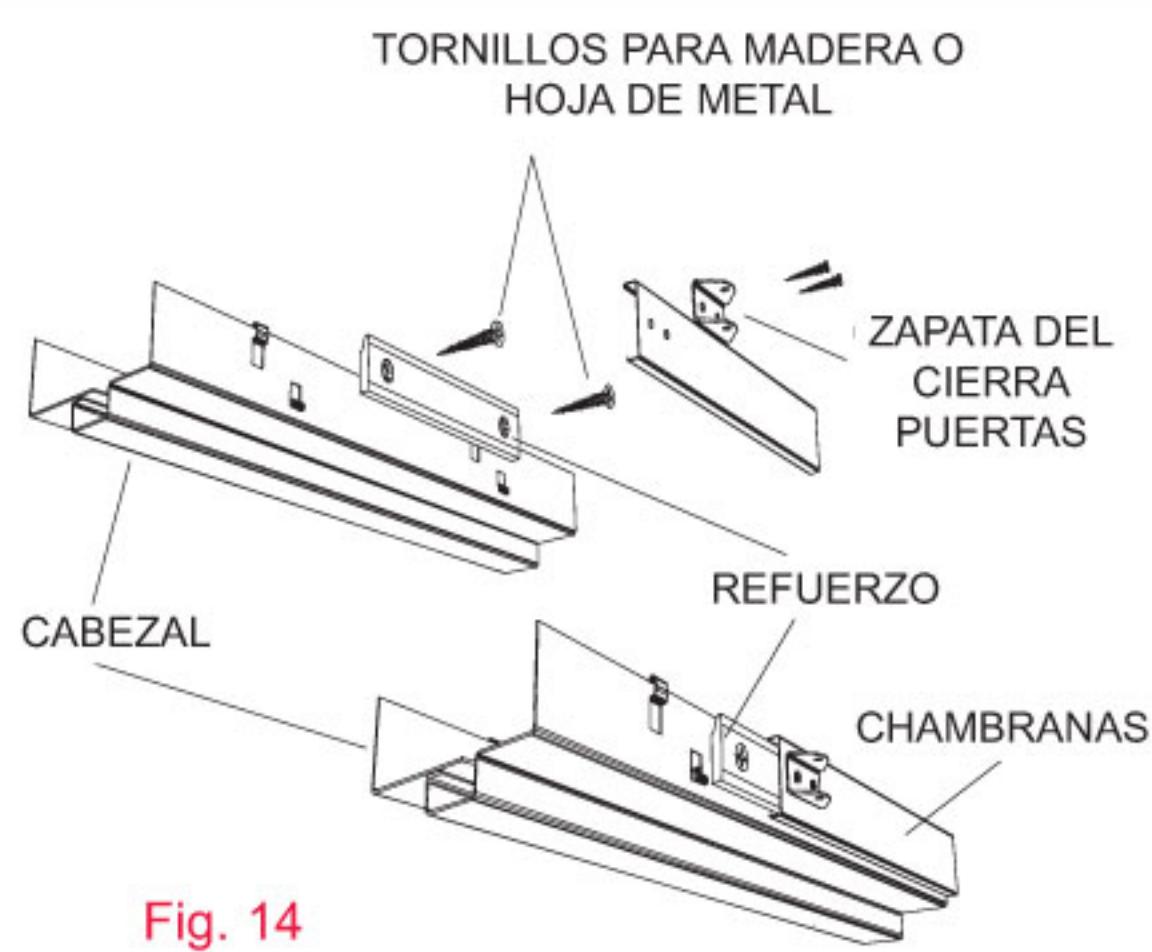


Fig. 13



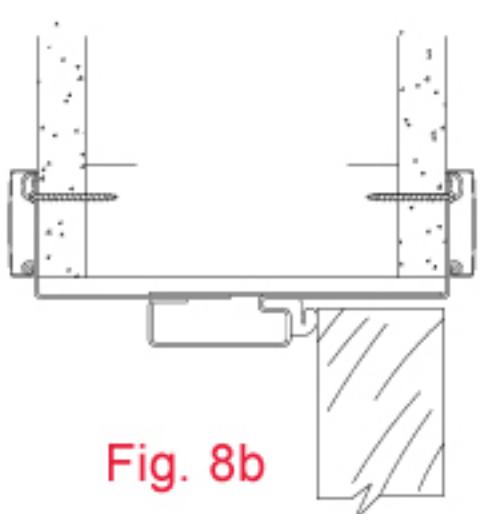
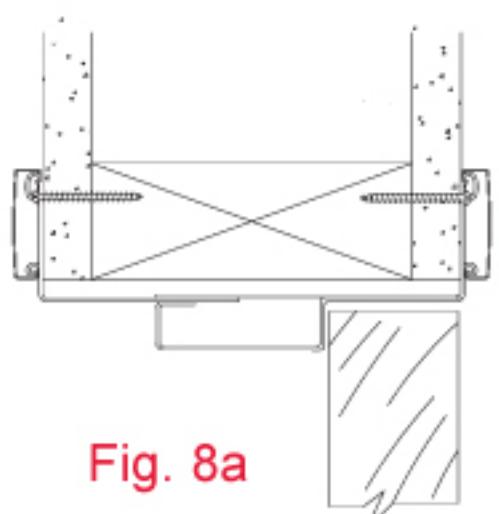
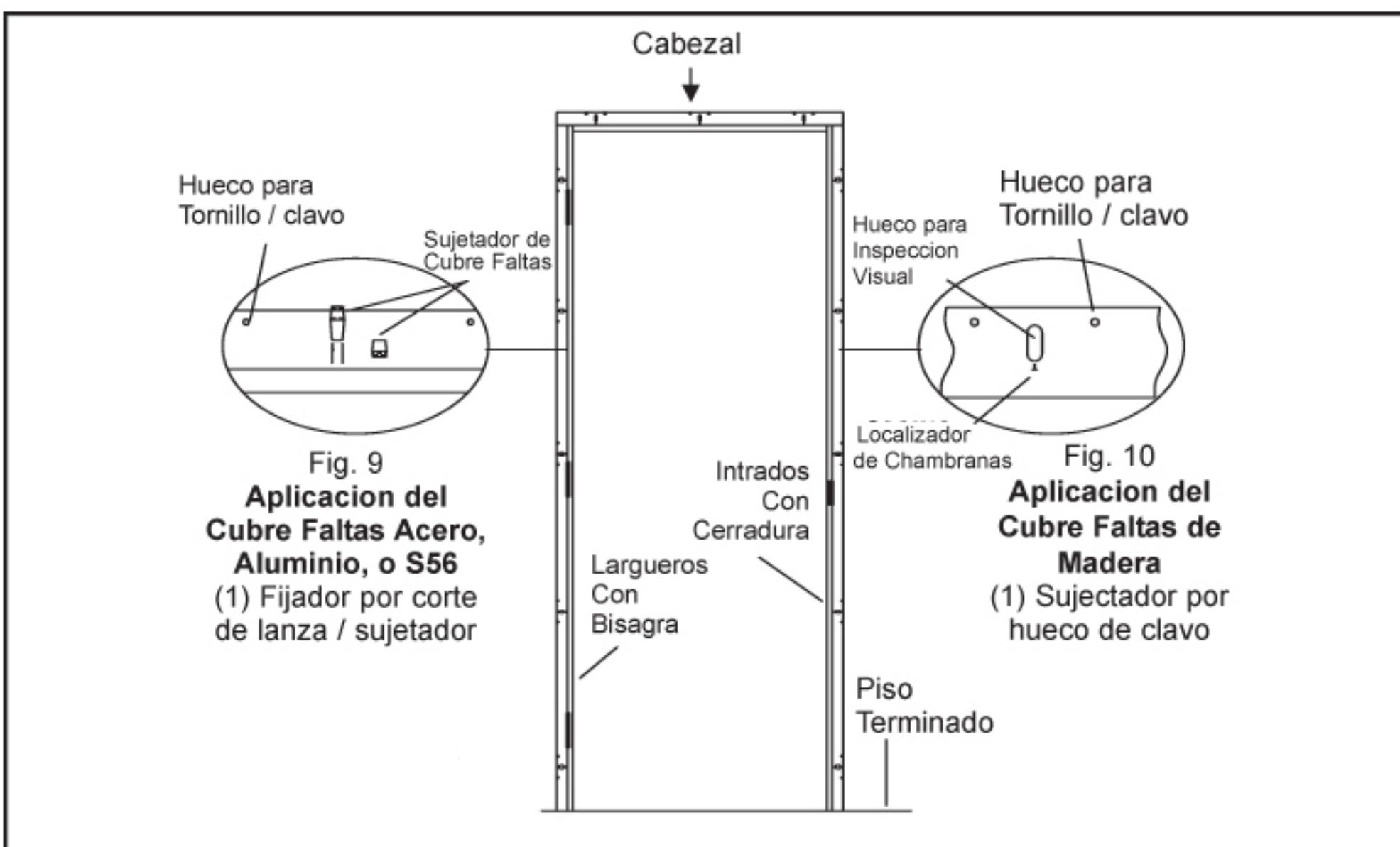
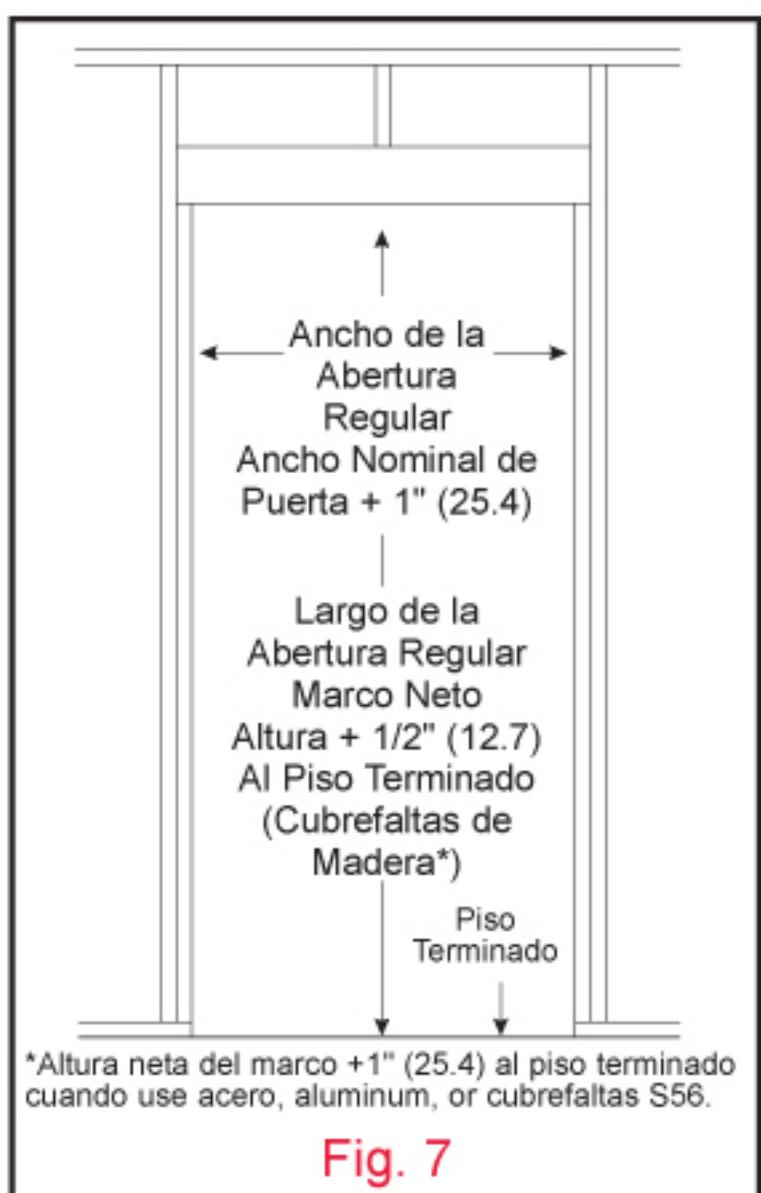
- 1 Posicione el refuerzo del cerrador mecanico regular en la parte del cabezal donde la zapata del cerrador de puerta va a ser instalada. (Fig. 13 & 14).
- 2 Instale el refuerzo parejo con la cara del cabezal.
- 3 Taladre 3/16" (4.7625) huecos pilotos en el cabezal a traves de los huecos pre marcados en el refuerzo y asegure con 1-1/4" (31.75) tornillos tipo "S" forma de trompeta autopenetrantes.
- 4 Instale el cubrefaltas del cabezal.
- 5 Posicione la zapata del cerrador mecanico en el marco y perfore agujeros pilotos a traves del cubrefaltas y refuerzo del cerrador mecanico.
- 6 Aterrage los agujeros segun las instrucciones de instalar el brazo mecanico.
- 7 Asegure la zapata del cerrador al marco.



MARCOS ENUMERADOS

REFUERZOS DE EL CERRADOR SON OPCIONALES. SI NO SE USA REFUERZO, UN PERNO QUE ATRAVIESE SE REQUIERE SER UTILIZADO.

PROCEDIMIENTO PARA ASEGURAR EL MARCO REDIFLEX



Construcción de Pared:
Poste de Madera/ Piedra Seca
Sujetadores Recomendados:
1-1/4" (31.75) (min.)
Tornillos de Piedra Seca
Estrías separadas

Construcción de Pare
Postes de Metal/Piedra Seca
Sujetadores Recomendados:
1-1/4" (31.75) (min.) Tipo "S"
Tornillos Auto-penetrantes de forma de trompeta

Minimo Para Pared de Poste
Ancho del Chambranas + 1/2" (12.7)

Pared de Postes
Ejemplo:
Chambranas de Aluminio y Acero
1-1/2" (38.1) + 1/2" (12.7)
= 2" (50.8)
Chambranas S56
2-1/4" (57.15) + 1/2" (12.7)
= 2-3/4" (69.85)

12.7)

NOTA ANTES DE SUJETAR: Determine cuales son los herrajes y refuerzos a utilizarse (umbral, cierra puertas, etc.). Asegúrese de que el marco no esté torcido.

NOTA: EN MARCOS CON TASA A PRUEBA DE FUEGO, los sujetadores deben un mínimo de 1/2" (13) mas largo que el espesor de la pared de piedra seca o revestimiento aplicado al poste.

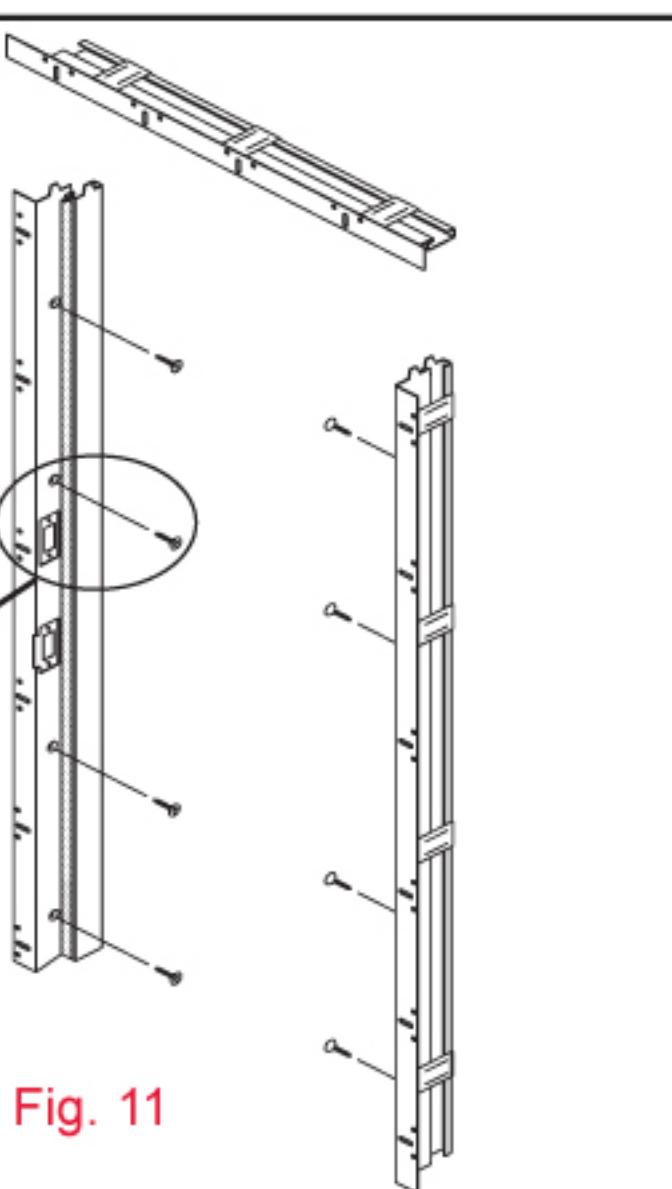
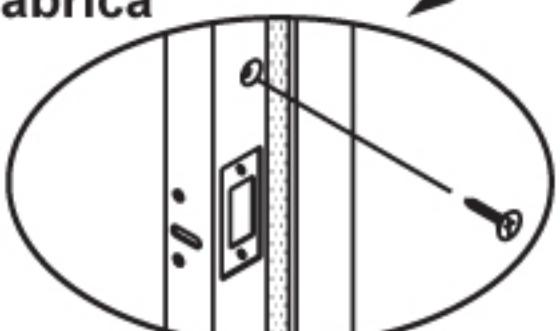
REQUISITOS DE PRESION POSITIVA:
Puertas categoría "A": No se requiere sellante de borde adicional.
Puertas categoría "B": Se requiere sellante de categoría "G" adicional según las instrucciones de instalación del sello de borde.
LA MARCA "S" ES VALIDA SOLAMENTE SI EL SELLO DE CONTROL DE CORRIENTE DE AIRE DE CATEGORIA "H" ES APLICADO.

ANCLAJES AVELLANADOS

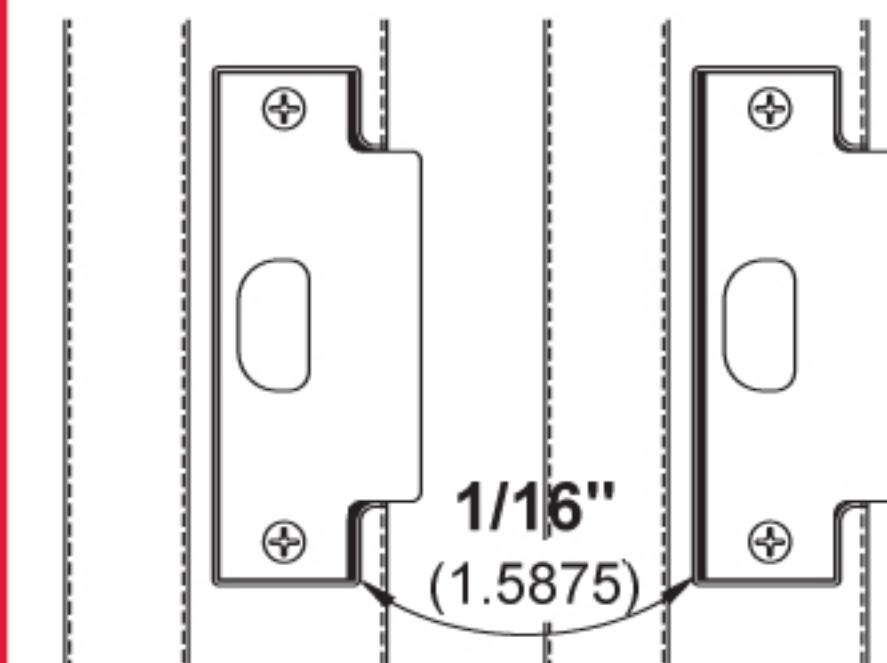
1 Si el marco es provisto con anclajes avellanados en el intrados utilice 1-1/4" (31.75) (min.) tornillos tip "S" auto-penetrantes con cabeza de trompeta.

2 No lo aprete excesivamente.

3 El no utilizar tornillos avellanados (trompeta) anula la tasa de fuego, consulte la fabrica (Fig. 11).



PLACA DE CERRADURA ASA AJUSTABLE Y PRE-ACUNADA



1 Afloje los tornillos

2 Ajuste el orificio de cerradura: La placa para la cerradura puede ser movida 1/16" (1.5875) horizontalmente para acomodar la posición del orificio de la cerradura.

3 Apriete los tornillos nuevamente.

4 Asegure no hay roce en la placa de la cerradura.

INSTALACION DEL REFUERZO DEL CERRADOR MECANICO PARALELO

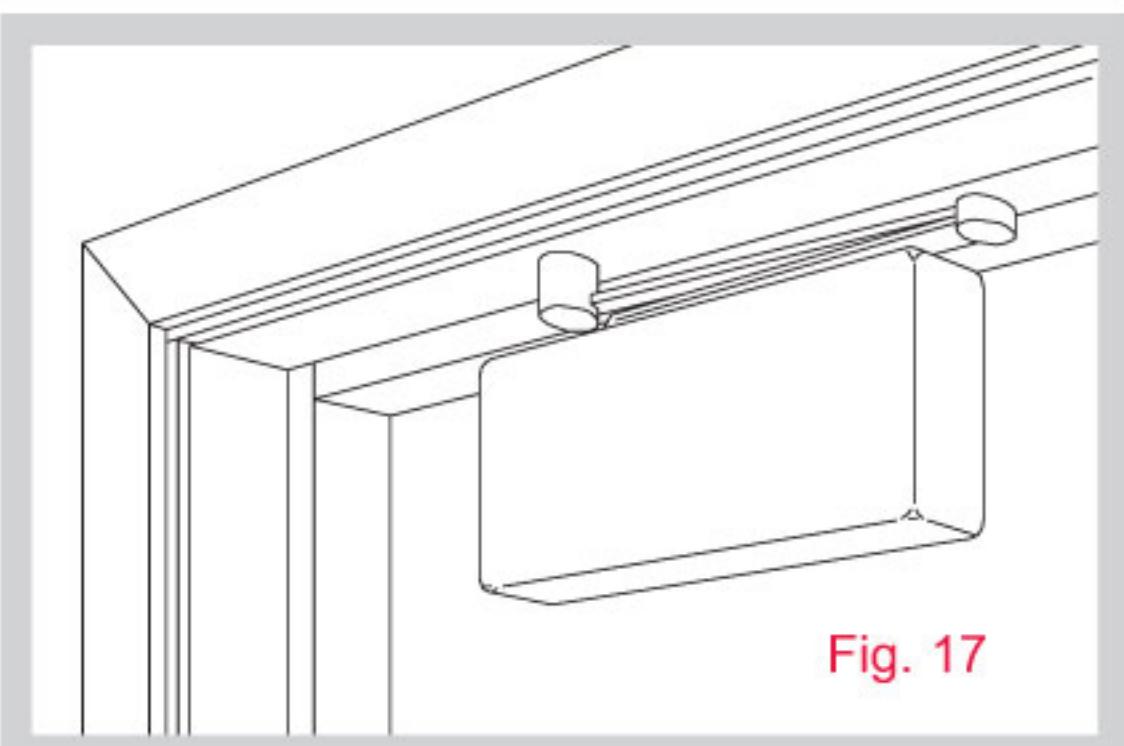


Fig. 17

- 1 Limpie con solvente el área del cabezal donde le refuerzo del cerrador mecánico paralelo va a ser instalado.
- 2 Exponga la cinta engomada de doble cara removiendo el papel trasero en dos pedazos (fig 15) presione en posición para asegurar la manga al cabezal (Fig 16).
- 3 Taladre y aterrage a través del marco y el refuerzo para la conexión de los herrajes. (Fig 17)
- 4 Instale el marco y la puerta de manera convencional.

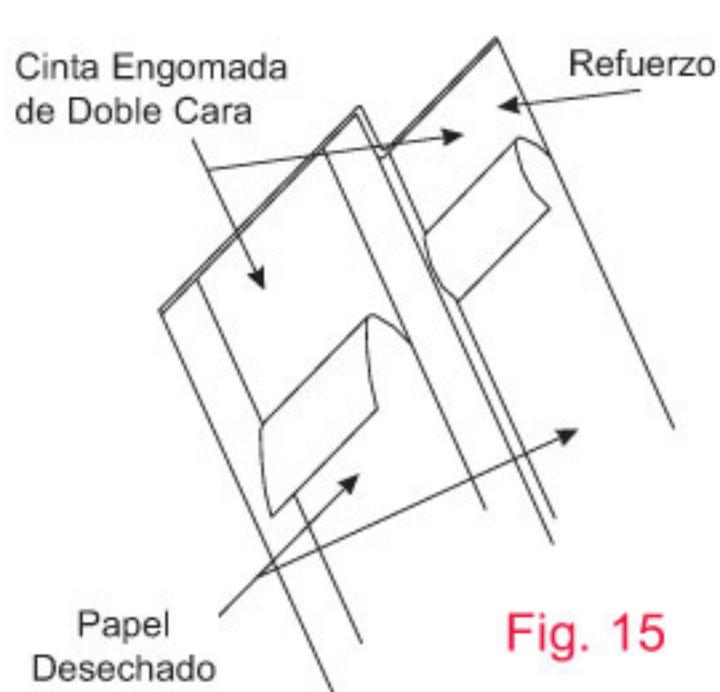


Fig. 15

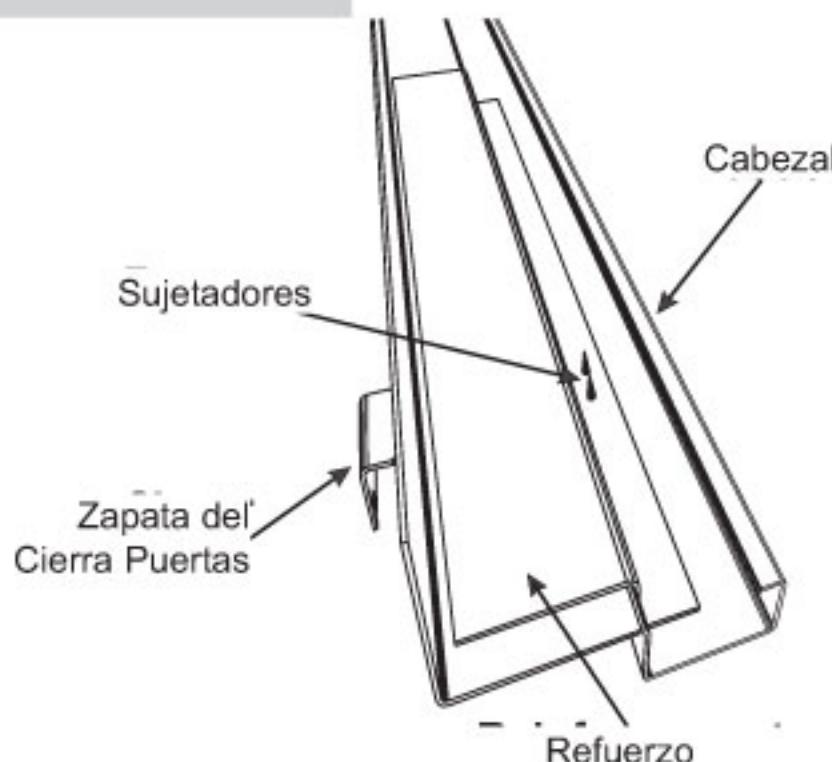


Fig. 16

ADVERTENCIA
LA MANGA DE REFUREZO DEL BRAZO PARALELO DEL CERRADOR TIENE QUE ESTAR CONECTADO ANTES DE INSTALAR EL MARCO DE LA PUERTA.

INSTALACION DEL REFUERZO DEL BORDE DE SALIDA

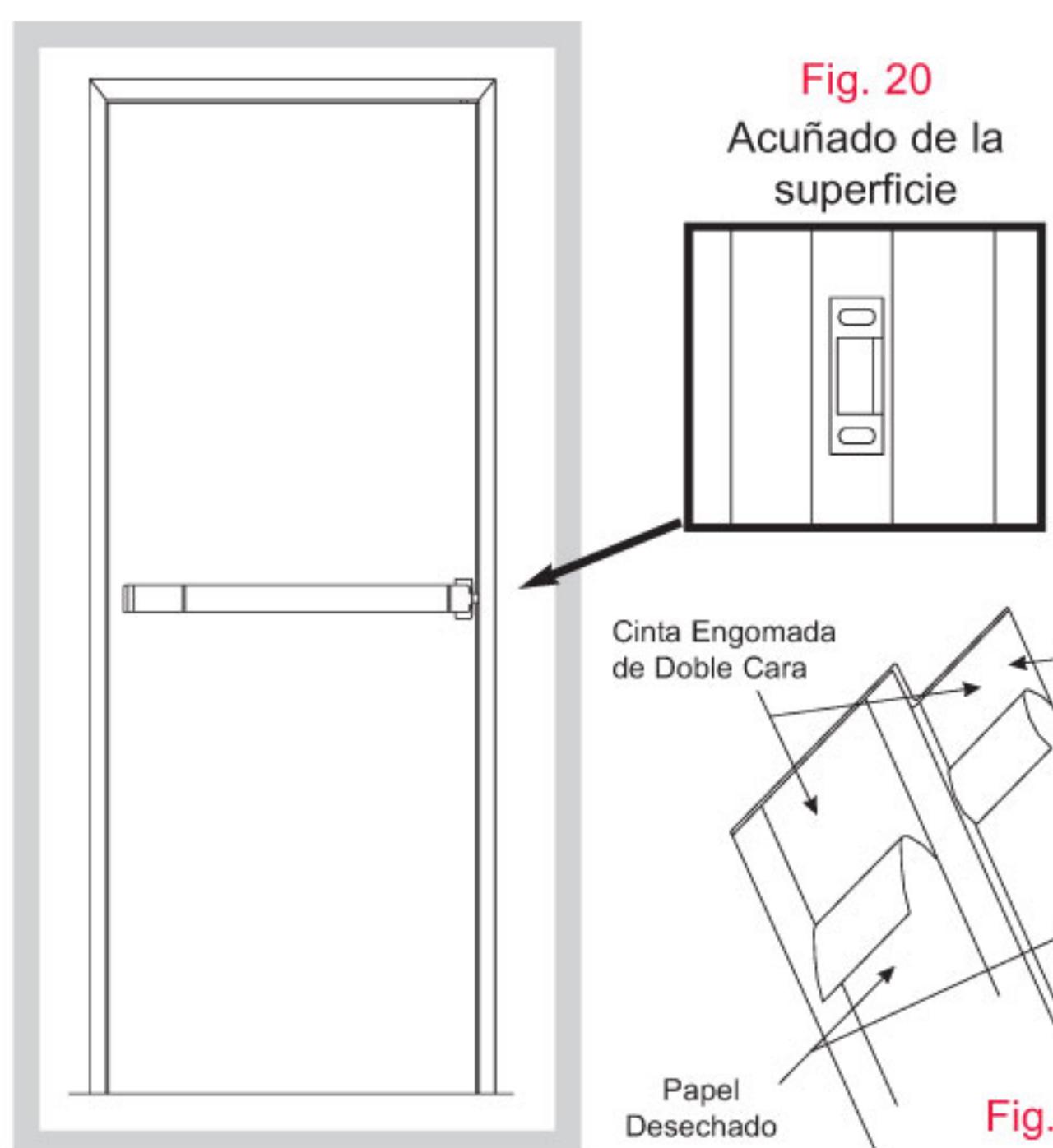


Fig. 20
Acuñado de la superficie

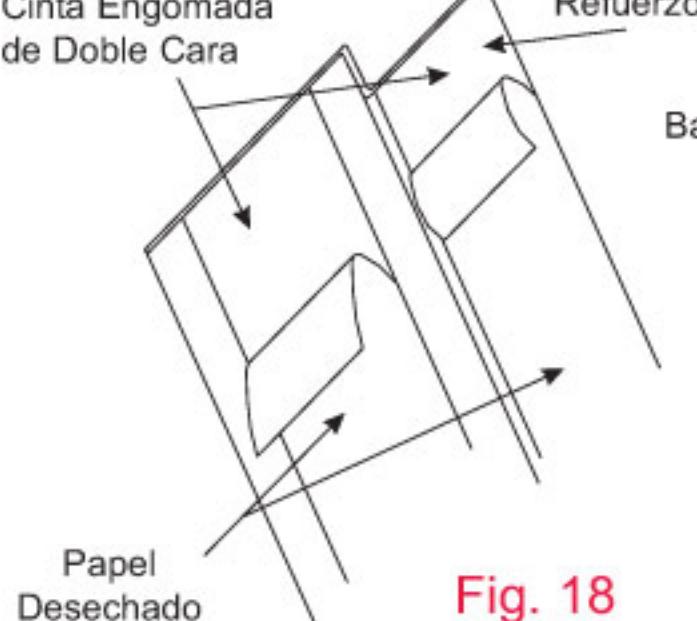


Fig. 18

- 1 Limpie con solvente el área general donde el refuerzo del borde de salida va a ser instalado en el intrados.
- 2 Remueva el papel de la cinta adhesiva en dos pedazos (Fig 18) y presione en posición para asegurar la manga al marco (Fig 19).
- 3 Taladre y aterrage a través del marco y refuerzo para conexión de los herrajes.
- 4 Instale el marco y la puerta de manera convencional.

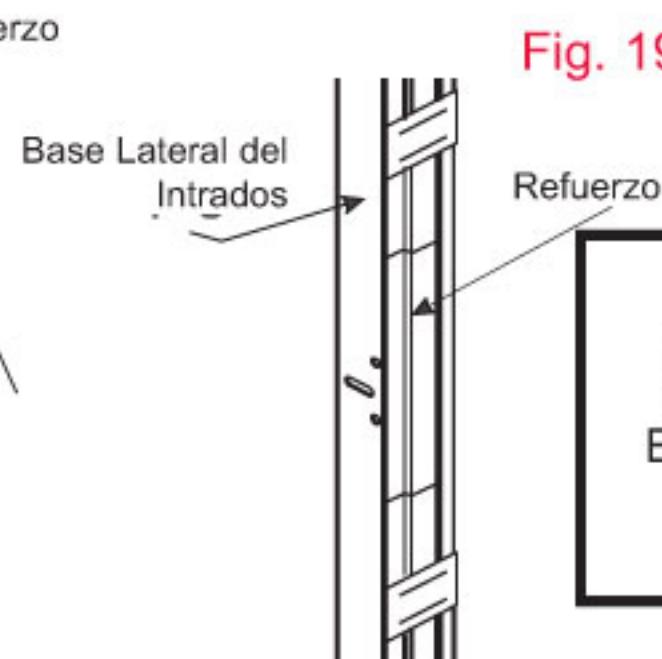


Fig. 19

ADVERTENCIA
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OPCIONES PARA CUBREFALTAS

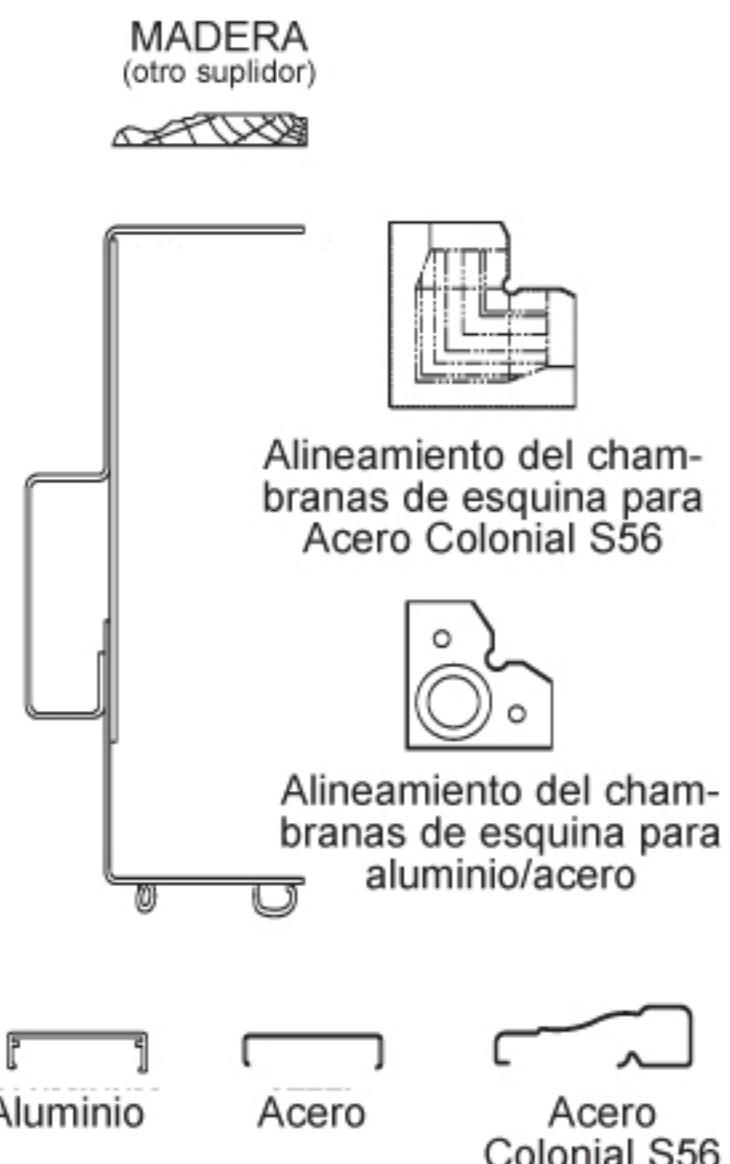
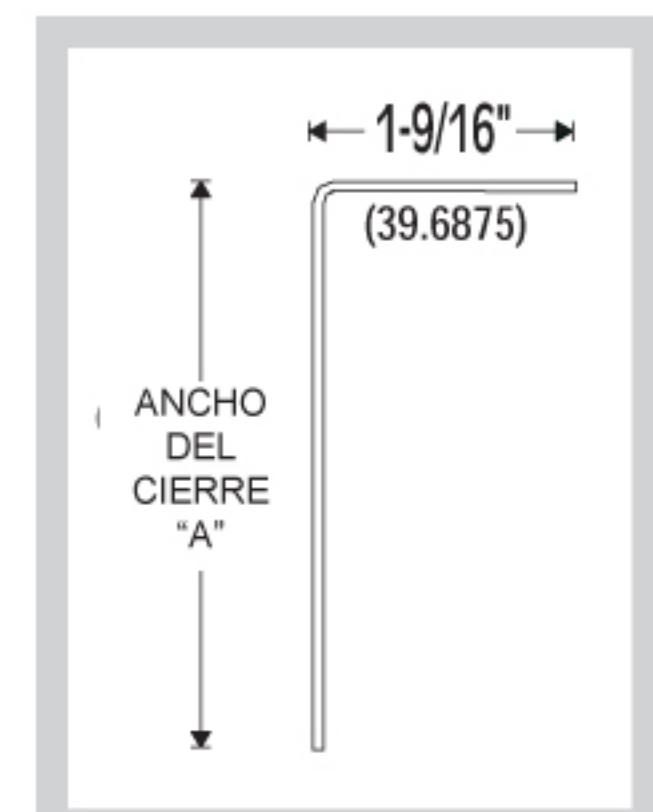


Fig. 12

TABLA DE ANCHO DE CIERRE

KERF REDIFLEX (cm)			
TAMAÑO DE PAREDANCHO DEL CIERRE "A"			
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7-1/2"-8-1/2"	(19.05-21.59)	5"	(12.7)
8-1/2"-9-1/2"	(21.59-24.13)	6"	(15.24)
9-1/2"-10-1/2"	(24.13-26.67)	7"	(17.78)
REGULAR REDIFLEX (cm)			
TAMAÑO DE PARED ANCHO DEL CIERRE "A"			
4"-5-1/4"	(10.16-13.335)	2"	(5.08)
5"-6-1/4"	(12.7-15.875)	3"	(7.62)
6"-7-1/4"	(15.24-18.415)	4"	(10.16)
7"-8-1/4"	(17.78-20.955)	5"	(12.7)
8"-9-1/4"	(20.32-23.495)	6"	(15.24)
9"-10-1/4"	(22.86-26.035)	7"	(17.78)



REFIERASE A ESTA
TABLA PARA VERIFICAR
LOS ANCHOS CORREC-
TOS DE CIERRE PARA
EL ANCHO DE LA
PARED

INSTALACION DEL REFUERZO DEL BRAZO DE CIERRE REGULAR

- 1 Posicione el refuerzo del cerrador mecanico regular en la parte del cabezal donde la zapata del cerrador de puerta va a ser instalada. (Fig. 13 & 14).
- 2 Instale el refuerzo parejo con la cara del cabezal.
- 3 Taladre 3/16" (4.7625) huecos pilotos en el cabezal a traves de los huecos pre marcados en el refuerzo y asegure con 1-1/4" (31.75) tornillos tipo "S" forma de trompeta autopenetrantes.
- 4 Instale el cubrefaltas del cabezal.
- 5 Posicione la zapata del cerrador mecanico en el marco y perfore agujeros pilotos a traves del cubrefaltas y refuerzo del cerrador mecanico.
- 6 Aterrase los agujeros segun las instrucciones de instalar el brazo mecanico.
- 7 Asegure la zapata del cerrador al marco.

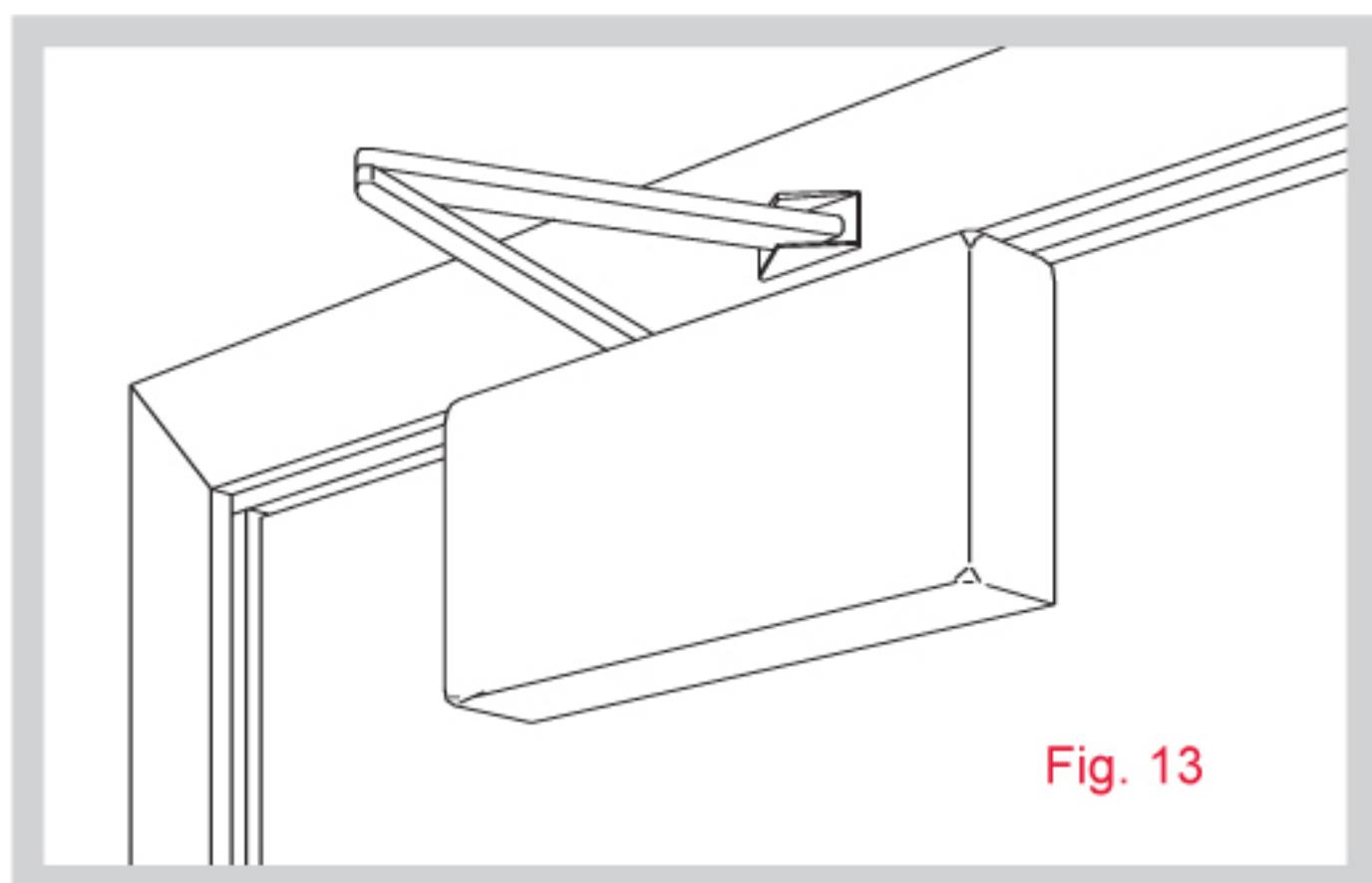


Fig. 13

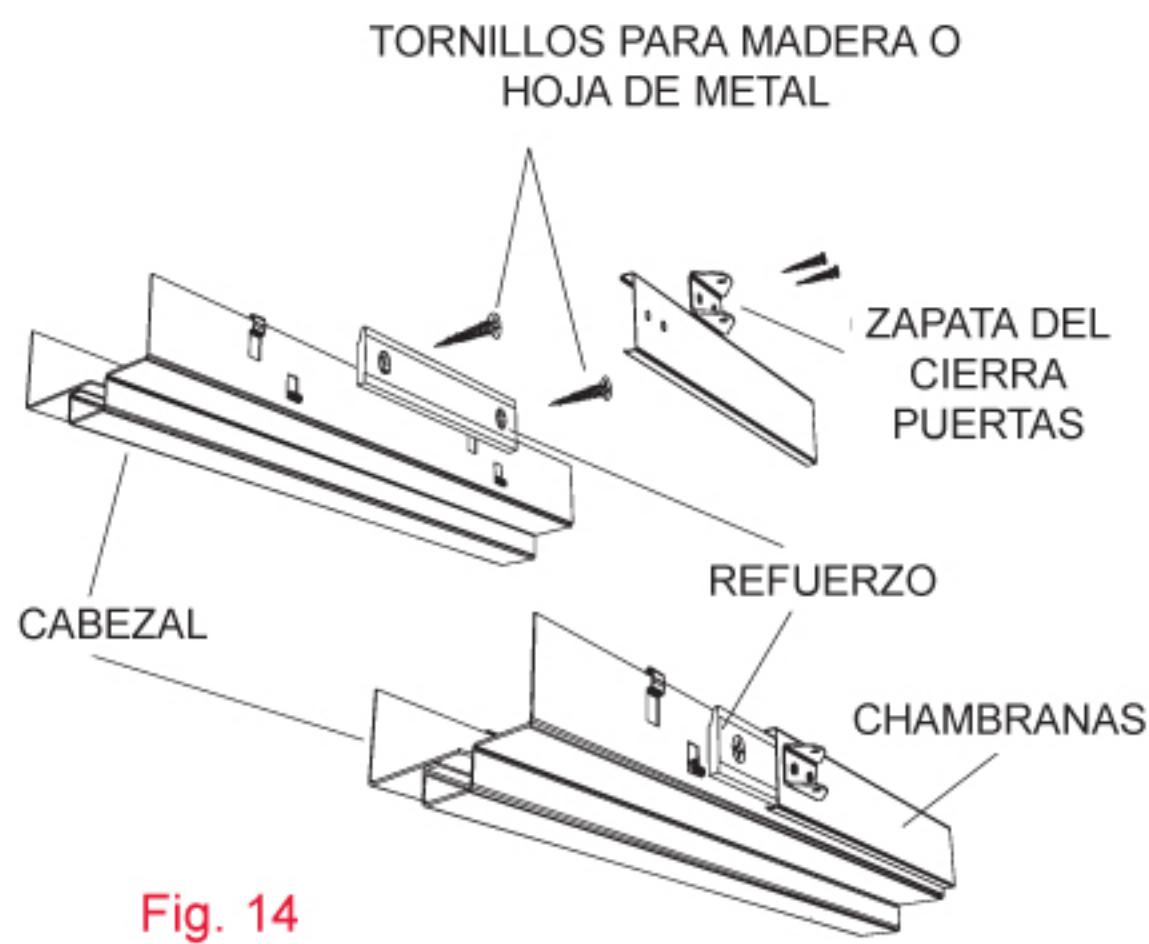


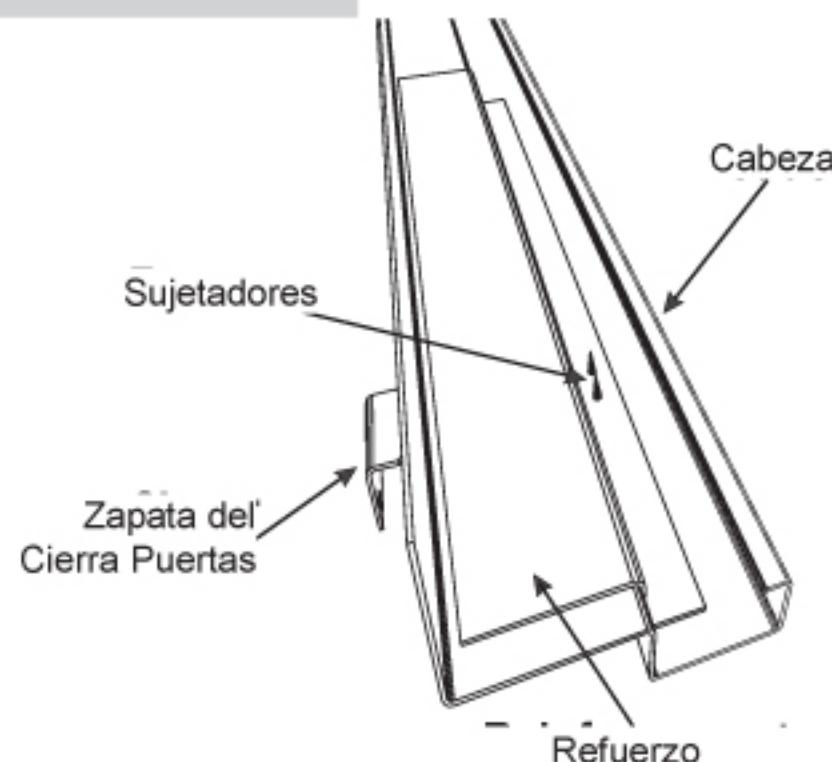
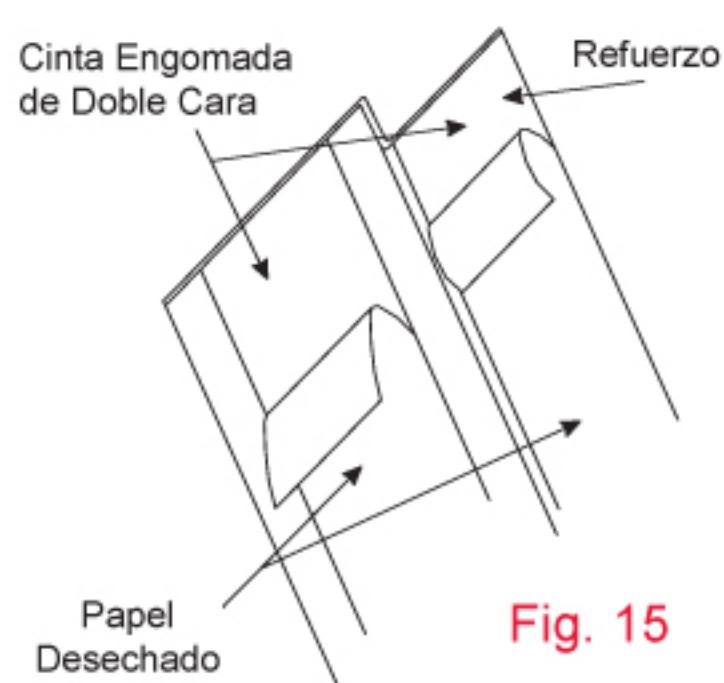
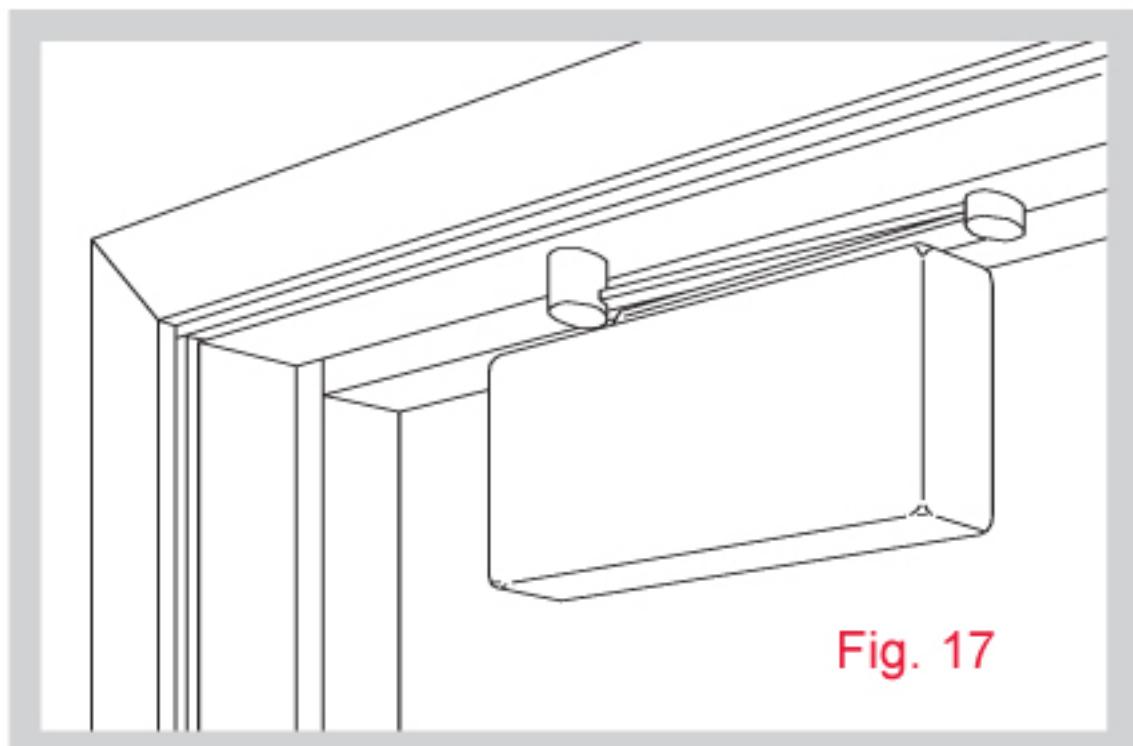
Fig. 14



MARCOS ENUMERADOS

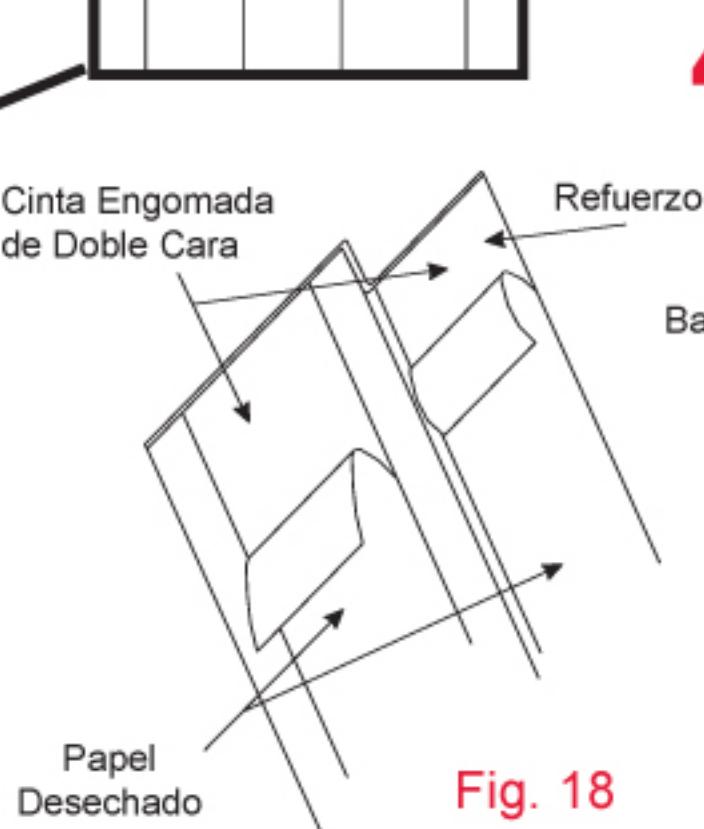
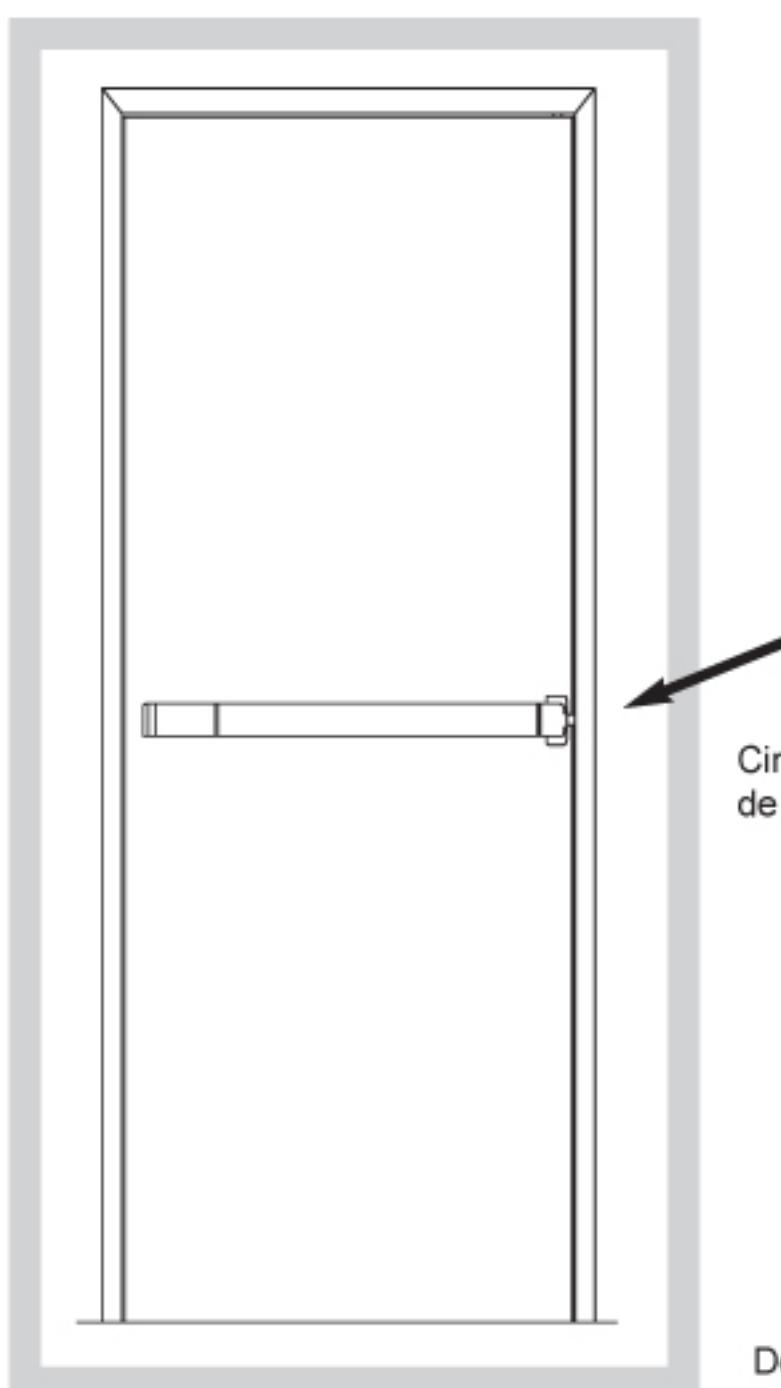
REFUERZOS DE EL CERRADOR SON OPCIONALES. SI NO SE USA REFUERZO, UN PERNO QUE ATRAVIESE SE REQUIERE SER UTILIZADO.

INSTALACION DEL REFUERZO DEL CERRADOR MECANICO PARALELO

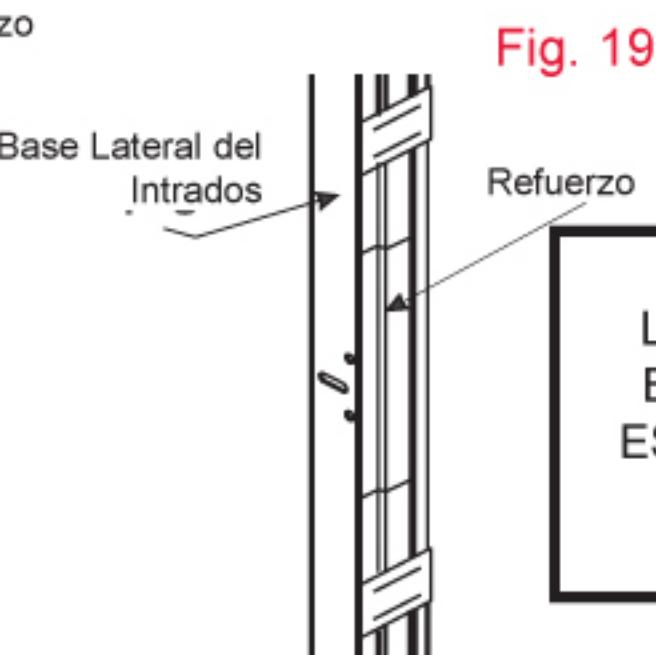


ADVERTENCIA
LA MANGA DE REFUREZO DEL BRAZO PARALELO DEL CERRADOR TIENE QUE ESTAR CONECTADO ANTES DE INSTALAR EL MARCO DE LA PUERTA.

INSTALACION DEL REFUERZO DEL BORDE DE SALIDA



- 1 Limpie con solvente el área general donde el refuerzo del borde de salida va a ser instalado en el intrados.
- 2 Remueva el papel de la cinta adhesiva en dos pedazos (Fig 18) y presione en posición para asegurar la manga al marco (Fig 19).
- 3 Taladre y aterrage a través del marco y refuerzo para conexión de los herrajes.
- 4 Instale el marco y la puerta de manera convencional.



ADVERTENCIA
LA MANGA DE REFUREZO DEL BORDE DE SALIDA TIENE QUE ESTAR CONECTADAS ANTES DE INSTALAR EL MARCO DE LA PUERTA.



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REDIFRAME™

Marco de Acero para
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PROCEDIMIENTO PARA LA INSTALACION DE MARCOS AJUSTABLES (REDIFLEX)

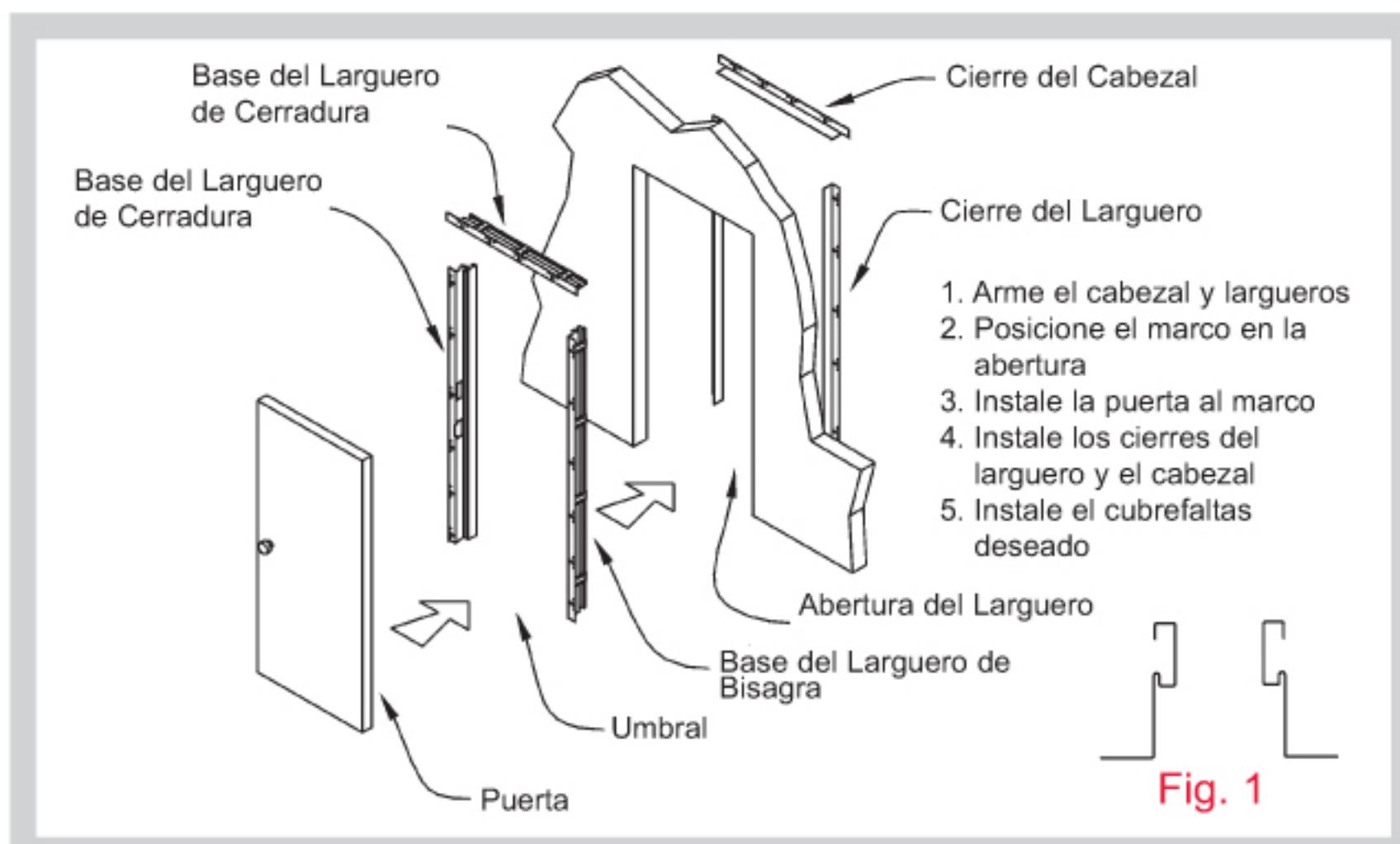


Fig. 1

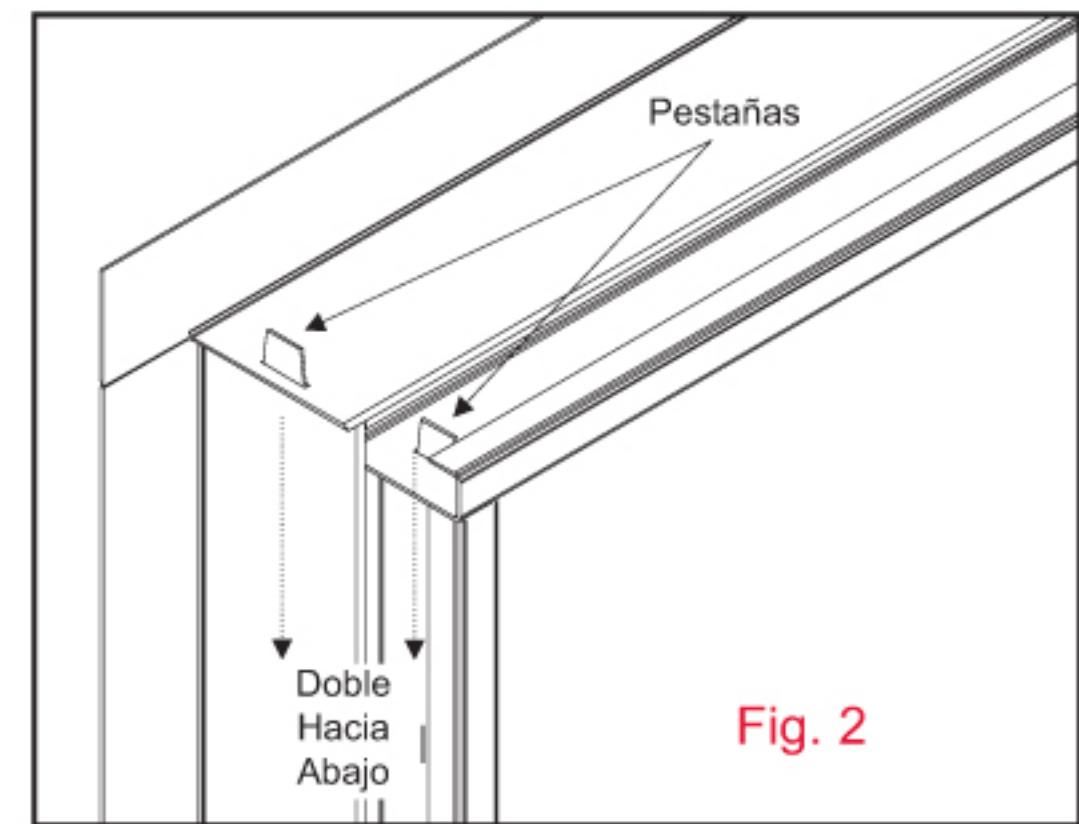


Fig. 2



Fig. 4



Fig. 5



Fig. 6

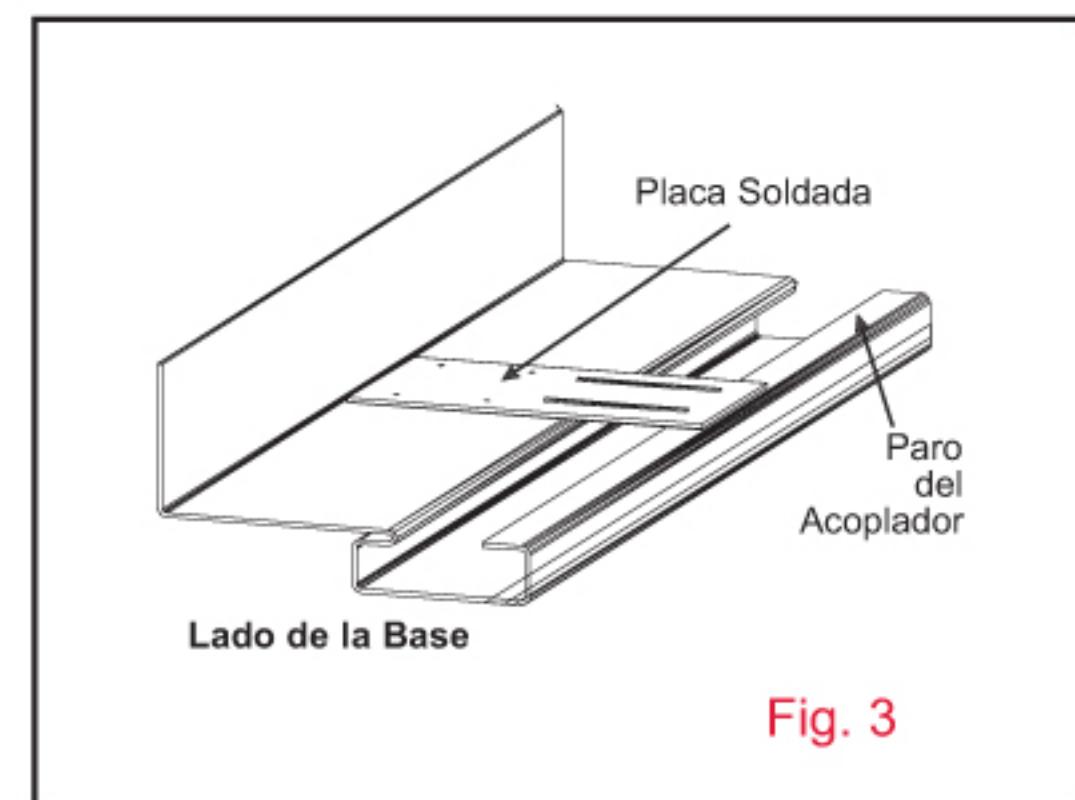


Fig. 3

1 Abra la caja y remueva todos los componentes del marco. Inspeccione por daños. Si hay daño aparente, notifique al representante de ventas o distribuidor inmediatamente para así acelerar el proceso de reemplazo.

2 Arme los lados de la base del marco (los cuales consisten de intrados de bisagra, intrados punzonado para cerradura y cabezal) colocando el punzonador de cara o plano en una superficie (Fig. 1). Inserte las pestañas localizadas a ambos extremos de los intrados en las ranuras del cabezal. Doble las pestañas hacia fuera y abajo para asegurar un acomodo seguro entre los intrados y el cabezal (fig 2). Pare el marco y posiciónelo en la abertura bruta. Nota: si usa el umbral, instálelo antes de poner el marco en la abertura bruta.

Cuadre el cabezal e intrados de bisagra utilizando un cuadrado de carpintero, entonces asegure la esquina del cabezal. Usando un nivel, asegúrese que el intrados de bisagra esté a plomo (empiece arriba). Repita el proceso para el intrados punzonado.

3 Instale la puerta y ajuste el marco utilizando la puerta como plantilla. Ajuste el marco a la puerta para que haya igualdad de espacio sobrante entre la puerta superior y los lados de la puerta que equivalgan entre 1/16" – 1/8" (1.5875–3.175). Después de ajustar propiamente, asegure con los tornillos recomendados.

4 Instale las piezas de cierre por la parte de atrás guiando el cierre entre plato y pare. Empiece en cualquier extremo de la pieza de cierre. Puede ser necesario el aplicar algo de presión a la parte de afuera del marco al punto de comienzo para permitir que el cierre se

deslice entre el plato y pare de la puerta.

5 Cuando todas las piezas del cierre sean instaladas y se haya establecido un espacio libre, asegúrelo a la pared. NOTA: Cuando instale la pieza de cierre, asegúrese que el cierre está entre el pare del acoplador y cada placa soldada individual del lado de la base del marco. (Fig 3)

6 Instale el burlete o junta aisladora de humo según se requiere, equipo de cerradura, y pieza ajustable para cerradura. Ajuste el orificio de cerradura para eliminar todo movimiento en la puerta después que cierre. Añada sujetadores adicionales si se requieren.

7 Para aplicaciones de cubrefaltas de Madera, localice la marca "T" en el frente del marco. Coloque el borde del cubrefaltas paralelo a la "T". Localice los clavos en el cubrefaltas aproximadamente 1/2" (12.7) atrás desde la parte de arriba de la "T" y centralice, entonces proceda a fijar. Esto permitirá clavar a través del marco y hueco ovalado. (Fig 10, 12).

8 Para aplicar cubrefaltas de acero, aluminio y acero colonial S56 deslice las piezas de alinear esquinas a las puntas del cabezal de tal manera que los bordes de los esquineros estén bien instalados dentro del canal del cubrefaltas. Centralice el cubrefaltas del cabezal al marco y encaje a presión en su lugar enganchando la esquina del cubrefaltas bajo la parte de afuera del corte del cubrefaltas, entonces presione sobre la parte interior del corte de cubrefaltas. **NO FUERZE EL CUBREFALTAS SOBRE AMBOS LADOS DEL CORTE SIMULTANEAMENTE.** Sujete el cubrefaltas de intrados a un ángulo leve hacia fuera y encaje las esquinas mitre sobre la pieza de esquina que sobresale

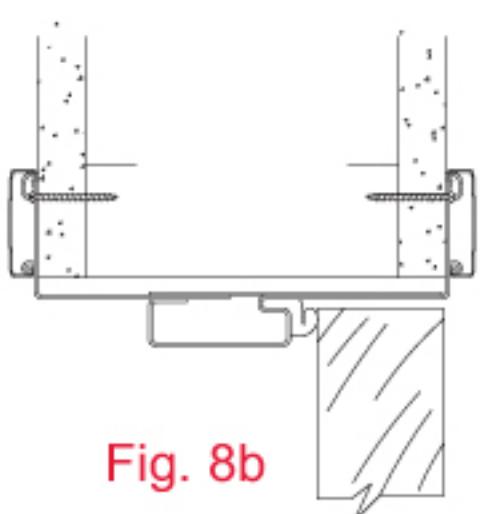
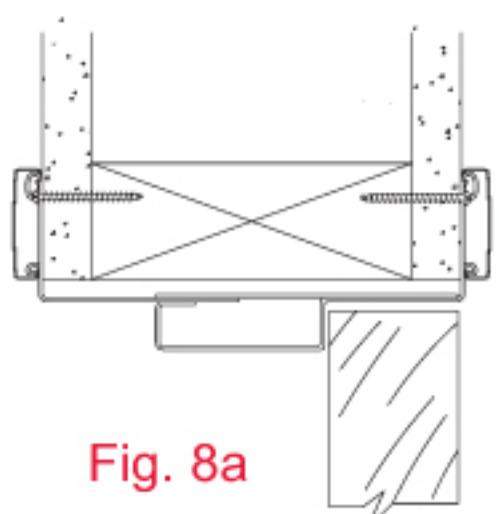
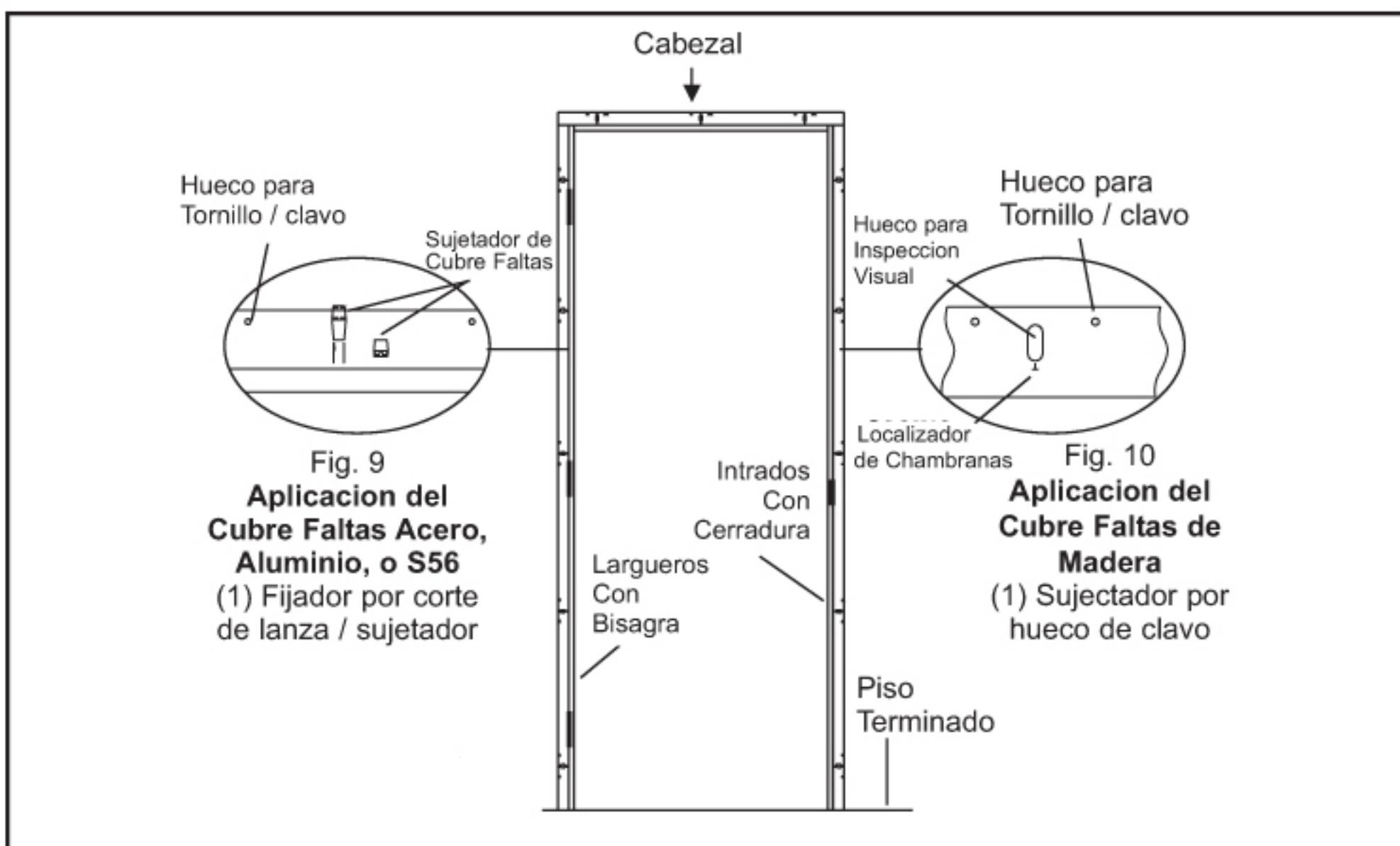
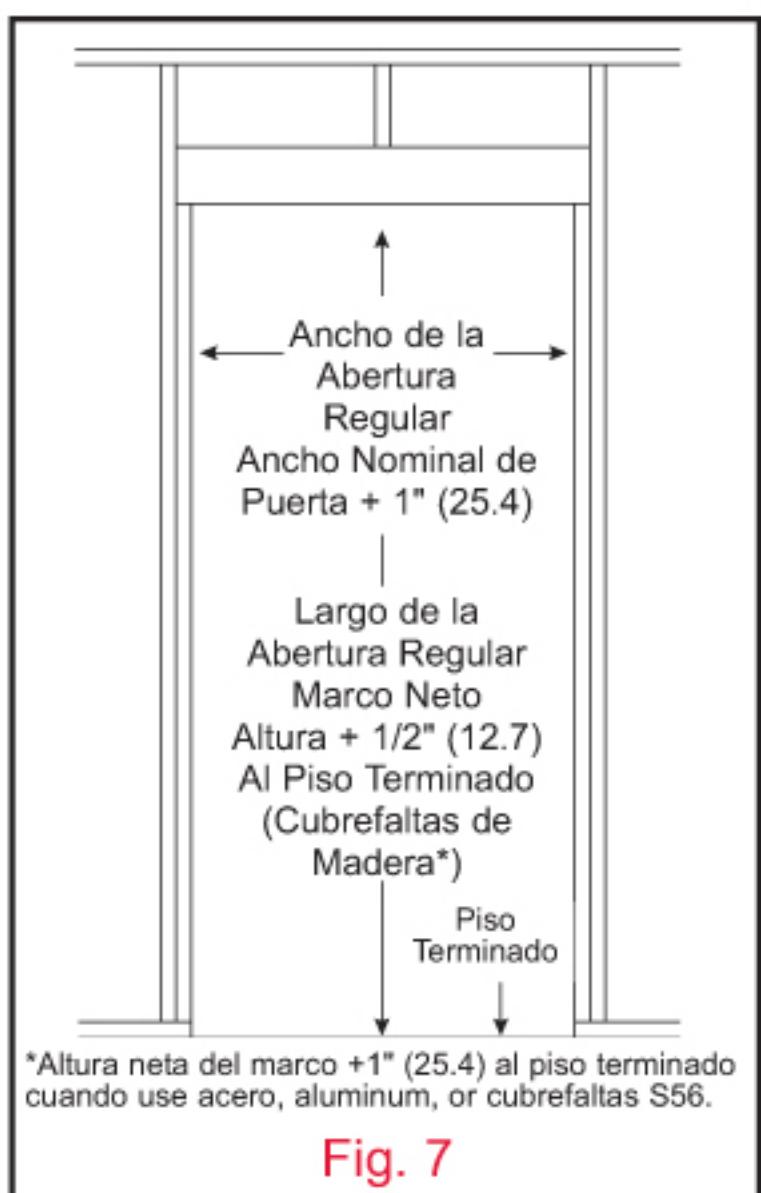
del cubrefaltas del cabezal; empuje hacia arriba para unir el corte mitre al cubrefaltas del cabezal. Asegúrese que el cubrefaltas del intrados esté alineado con los cortes del cubrefaltas (de toques al cabezal izquierdo o derecho con un martillo según necesite para manejarlo) y enganche el cubrefaltas sobre el corte de afuera. Inspeccione la unión mitre para un encaje seguro (ajuste el cubrefaltas del cabezal hacia derecha o izquierda según sea necesario), entonces enganche el cubrefaltas sobre la parte interior del corte y complete los lados opuestos. (Fig. 4,5,6,9, 12).

PARA REMOVER EL CUBREFALTAS. Use un destornillador común pequeño con punta de paleta o un cuchillo de esparrir macilla. Empiece en la parte de abajo del cubre faltas del intrados en la parte de adentro del marco. Suavemente inserte la punta del destornillador entre el cubre faltas y la pierna del marco. Despacio trabaje el destornillador hacia arriba del cubre faltas hasta el primer corte de lanza. Rote el destornillador en contra de las manecillas del reloj; el cubre faltas se desprenderá de dentro de la curva de lanza. Repita este procedimiento con los cortes de lanza restantes. Después que todos los cortes de lanza interior hayan sido despegados, suavemente saque el cubre faltas de abajo del corte de lanza exterior y remueva.

REQUISITOS PARA INSTALACION DE PRODUCTOS ESPECIALES

PINTURA: Unidades con capa de pintura preparatoria deben ser pintadas dentro de 30 (treinta) días con un esmalte a base de aceite (recomendado) o una de alta calidad con base de agua látex. Un inhibidor de moho se debe usar cuando utilice pintura a base de agua látex. Consulte la fabrica.

PROCEDIMIENTO PARA ASEGURAR EL MARCO REDIFLEX



Construcción de Pared:
Poste de Madera/ Piedra Seca
Sujetadores Recomendados:
1-1/4" (31.75) (min.)
Tornillos de Piedra Seca
Estrías separadas

Construcción de Pare
Postes de Metal/Piedra Seca
Sujetadores Recomendados:
1-1/4" (31.75) (min.) Tipo "S"
Tornillos Auto-penetrantes de forma de trompeta

Mínimo Para Pared de Poste-
Ancho del Chambranas + 1/2" (12.7)

Pared de Postes
Ejemplo:
Chambranas de Aluminio y Acero
1-1/2" (38.1) + 1/2" (12.7)
= 2" (50.8)
Chambranas S56
2-1/4" (57.15) + 1/2" (12.7)
= 2-3/4" (69.85)

12.7)

NOTA ANTES DE SUJETAR: Determine cuales son los herrajes y refuerzos a utilizarse (umbral, cierra puertas, etc.). Asegúrese de que el marco no esté torcido.

NOTA: EN MARCOS CON TASA A PRUEBA DE FUEGO, los sujetadores deben un mínimo de 1/2" (13) mas largo que el espesor de la pared de piedra seca o revestimiento aplicado al poste.

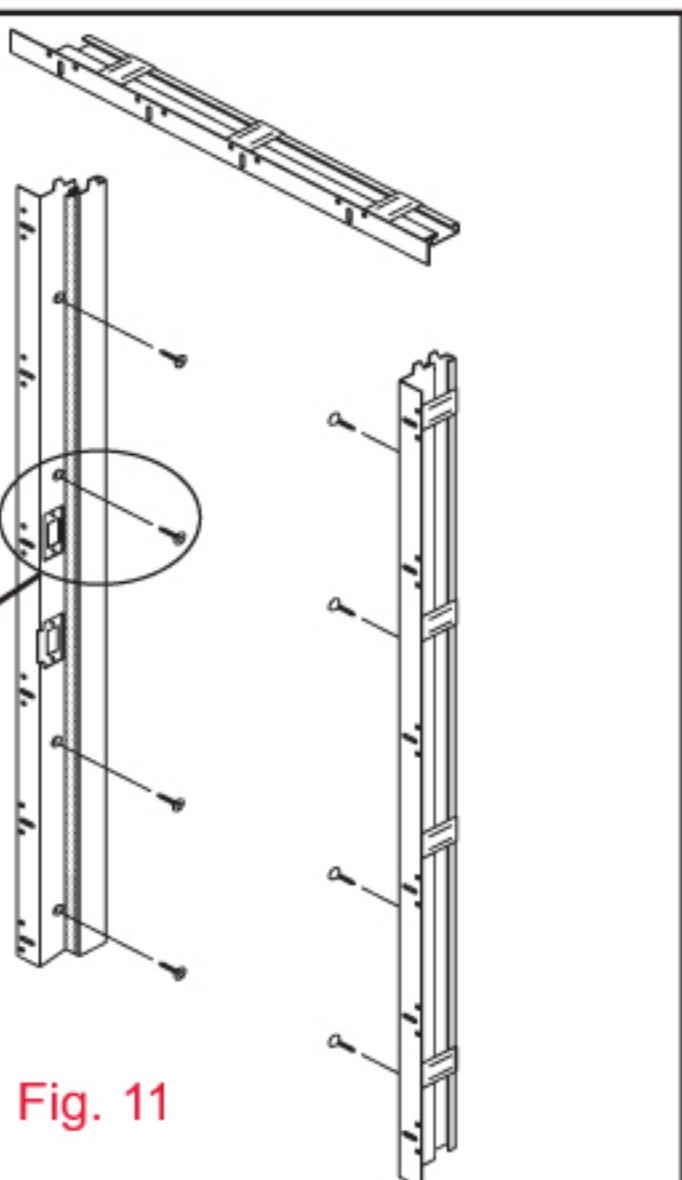
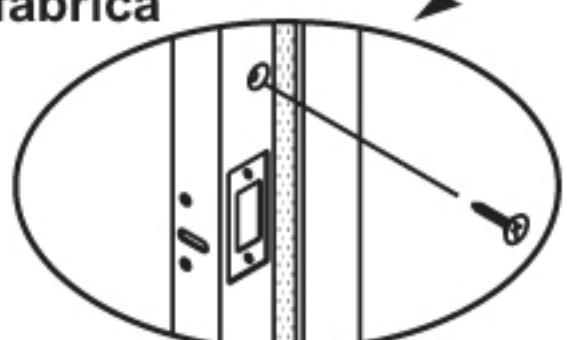
REQUISITOS DE PRESION POSITIVA:
Puertas categoría "A": No se requiere sellante de borde adicional.
Puertas categoría "B": Se requiere sellante de categoría "G" adicional según las instrucciones de instalación del sello de borde.
LA MARCA "S" ES VALIDA SOLAMENTE SI EL SELLO DE CONTROL DE CORRIENTE DE AIRE DE CATEGORIA "H" ES APLICADO.

ANCLAJES AVELLANADOS

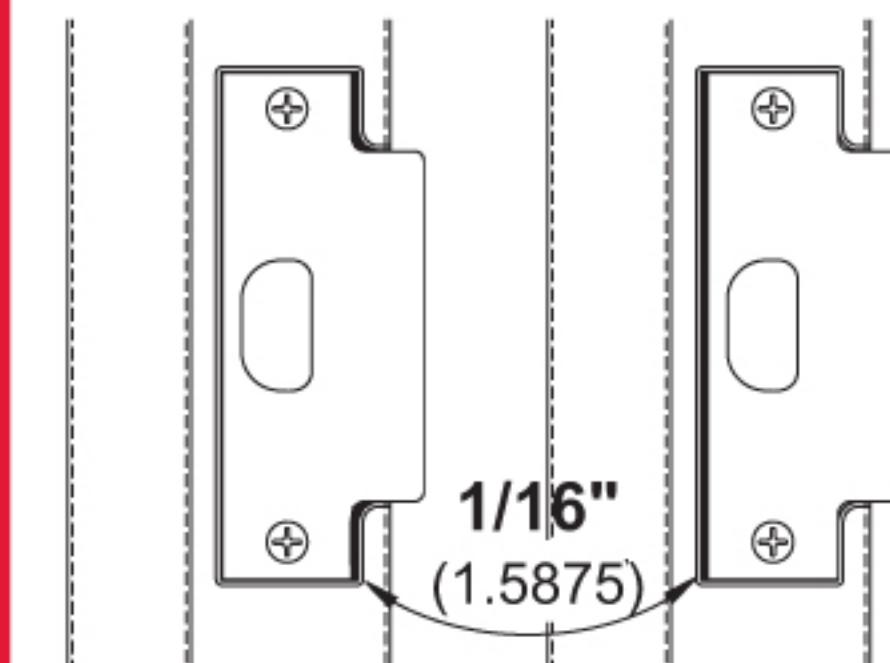
1 Si el marco es provisto con anclajes avellanados en el intrados utilice 1-1/4" (31.75) (min.) tornillos tip "S" auto-penetrantes con cabeza de trompeta.

2 No lo aprete excesivamente.

3 El no utilizar tornillos avellanados (trompeta) anula la tasa de fuego, consulte la fabrica (Fig. 11).



PLACA DE CERRADURA ASA AJUSTABLE Y PRE-ACUNADA



1 Afloje los tornillos

2 Ajuste el orificio de cerradura: La placa para la cerradura puede ser movida 1/16" (1.5875) horizontalmente para acomodar la posición del orificio de la cerradura.

3 Apriete los tornillos nuevamente.

4 Asegure no hay roce en la placa de la cerradura.

OPCIONES PARA CUBREFALTAS

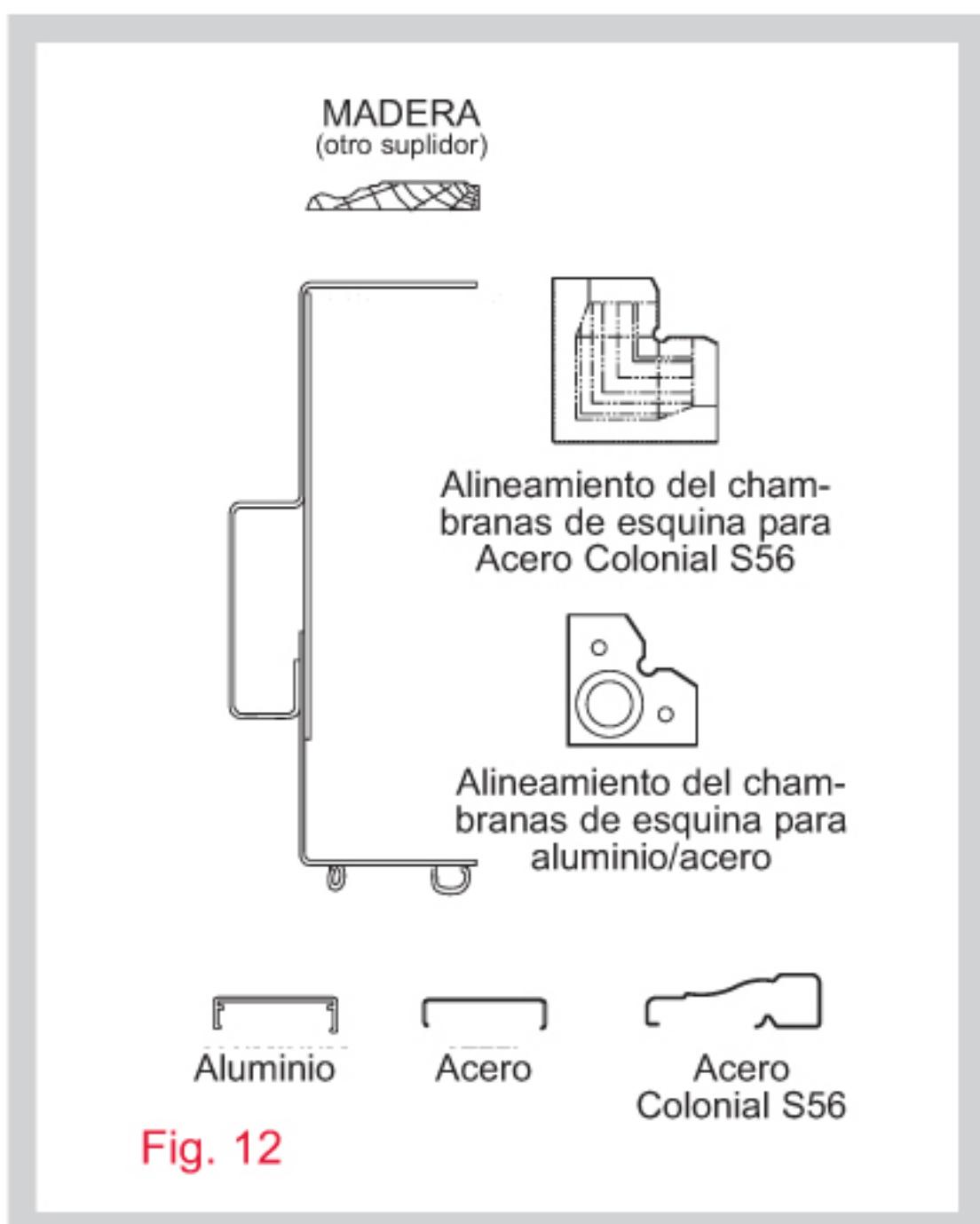
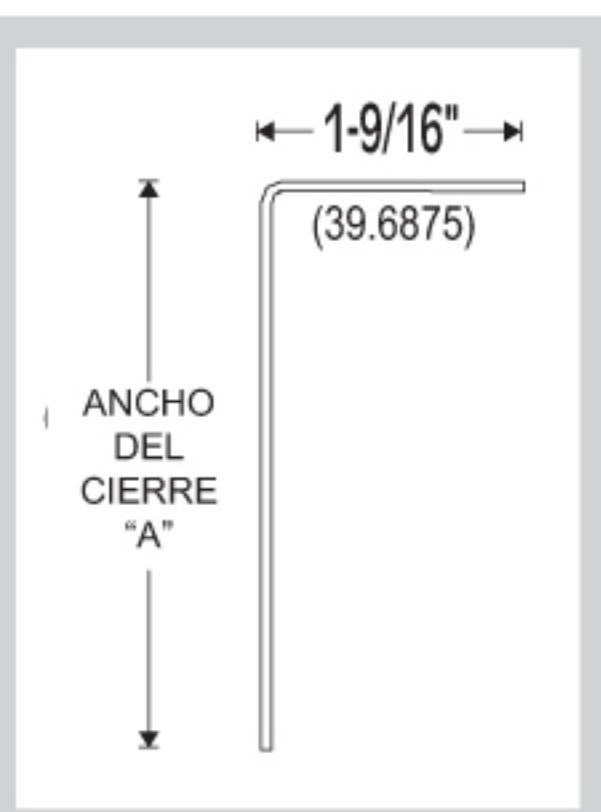


TABLA DE ANCHO DE CIERRE

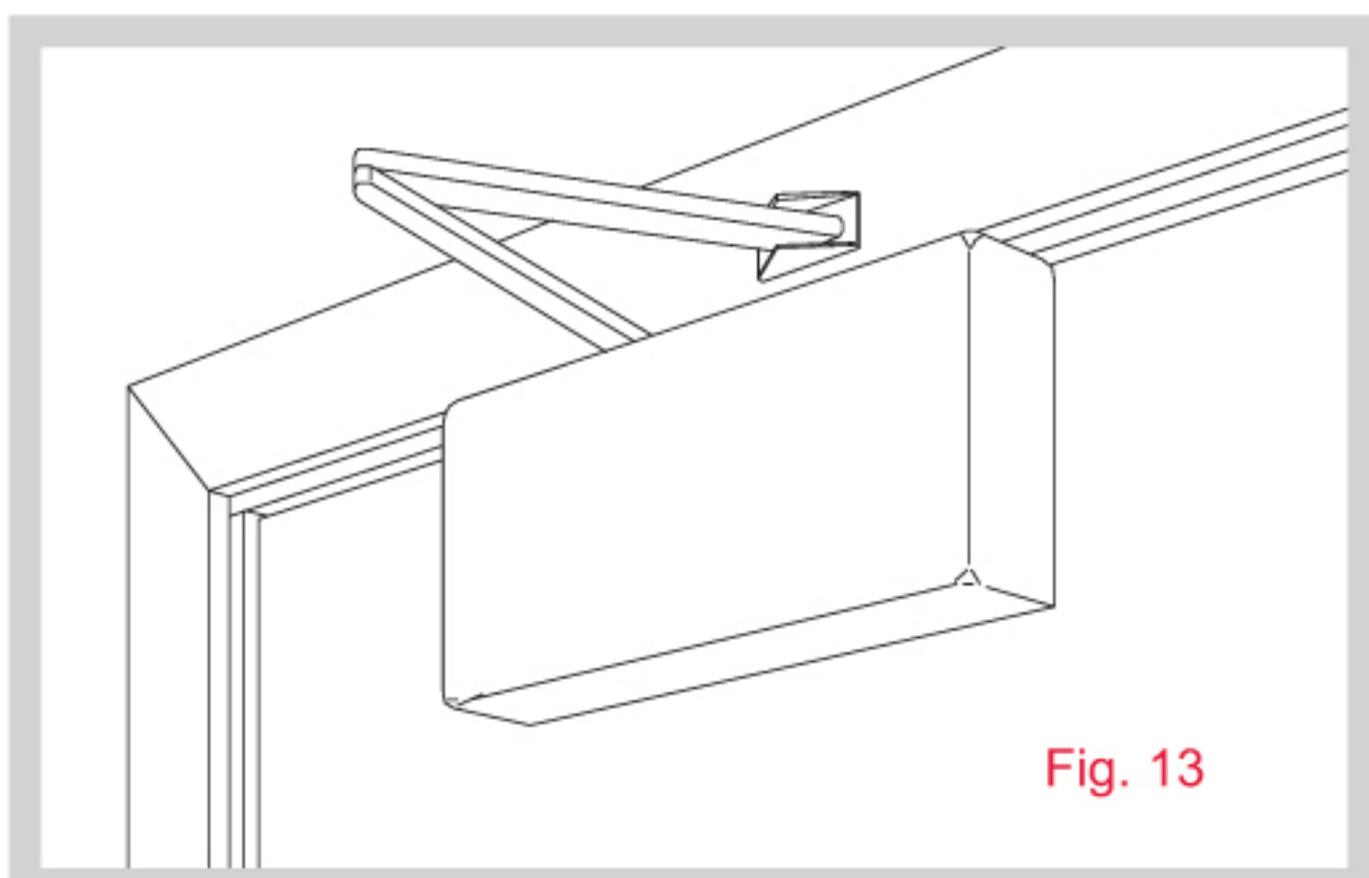
KERF REDIFLEX (cm)			
TAMAÑO DE PAREDANCHO DEL CIERRE "A"			
4"-5"	(10.16-12.7)	1-1/2"	(3.81)
4-1/2"-5-1/2"	(11.43-13.97)	2"	(5.08)
5-1/2"-6-1/2"	(13.97-16.51)	3"	(7.62)
6-1/2"-7-1/2"	(16.51-19.05)	4"	(10.16)
7-1/2"-8-1/2"	(19.05-21.59)	5"	(12.7)
8-1/2"-9-1/2"	(21.59-24.13)	6"	(15.24)
9-1/2"-10-1/2"	(24.13-26.67)	7"	(17.78)

REGULAR REDIFLEX (cm)			
TAMAÑO DE PARED	ANCHO DEL CIERRE "A"		
4"-5-1/4"	(10.16-13.335)	2"	(5.08)
5"-6-1/4"	(12.7-15.875)	3"	(7.62)
6"-7-1/4"	(15.24-18.415)	4"	(10.16)
7"-8-1/4"	(17.78-20.955)	5"	(12.7)
8"-9-1/4"	(20.32-23.495)	6"	(15.24)
9"-10-1/4"	(22.86-26.035)	7"	(17.78)

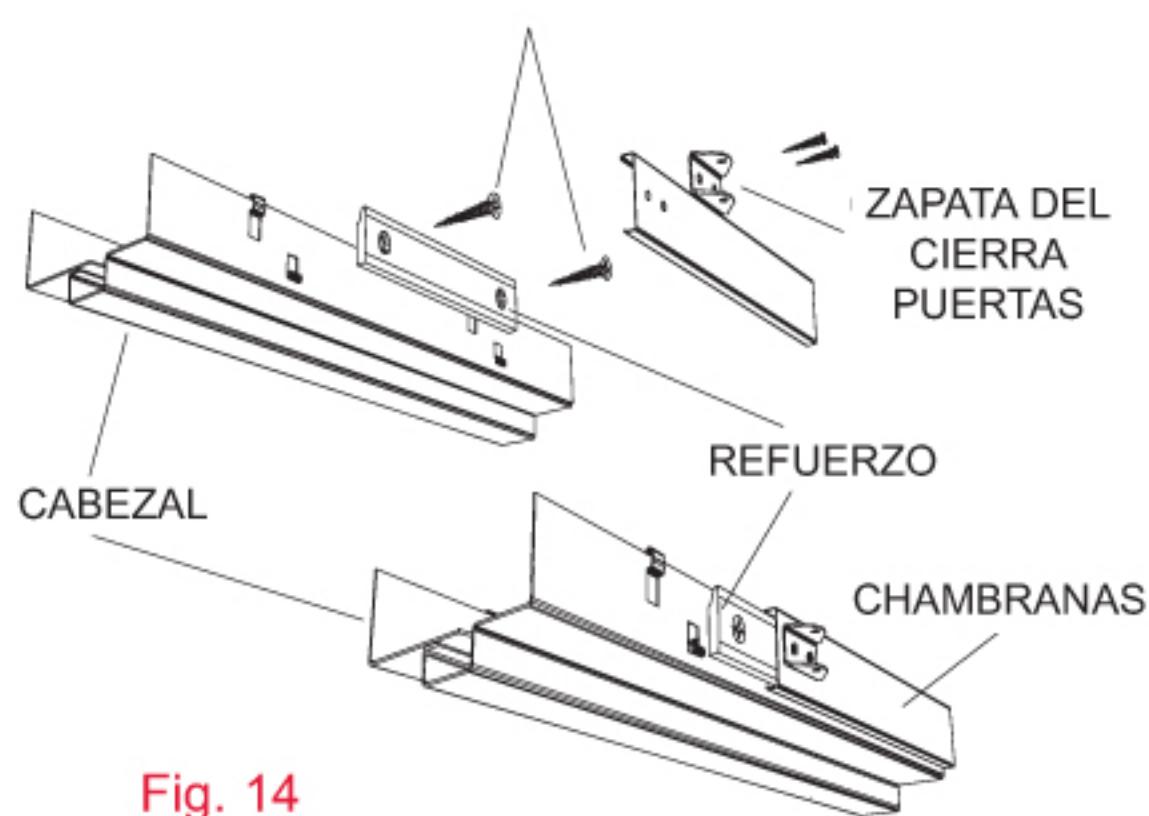


REFIERASE A ESTA
TABLA PARA VERIFICAR
LOS ANCHOS CORREC-
TOS DE CIERRE PARA
EL ANCHO DE LA
PARED

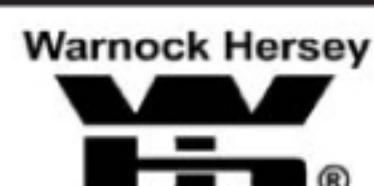
INSTALACION DEL REFUERZO DEL BRAZO DE CIERRE REGULAR



TORNILLOS PARA MADERA O
HOJA DE METAL



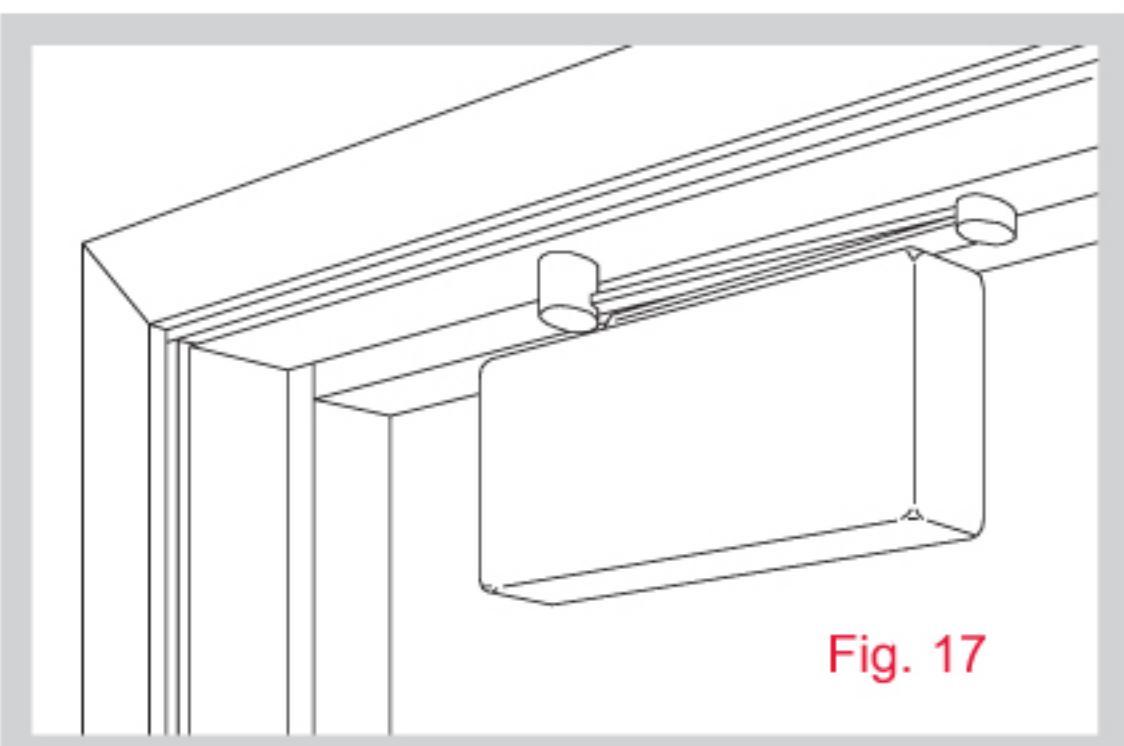
- 1 Posicione el refuerzo del cerrador mecanico regular en la parte del cabezal donde la zapata del cerrador de puerta va a ser instalada. (Fig. 13 & 14).
- 2 Instale el refuerzo parejo con la cara del cabezal.
- 3 Taladre 3/16" (4.7625) huecos pilotos en el cabezal a traves de los huecos pre marcados en el refuerzo y asegure con 1-1/4" (31.75) tornillos tipo "S" forma de trompeta autopenetrantes.
- 4 Instale el cubrefaltas del cabezal.
- 5 Posicione la zapata del cerrador mecanico en el marco y perfore agujeros pilotos a traves del cubrefaltas y refuerzo del cerrador mecanico.
- 6 Aterrase los agujeros segun las instrucciones de instalar el brazo mecanico.
- 7 Asegure la zapata del cerrador al marco.



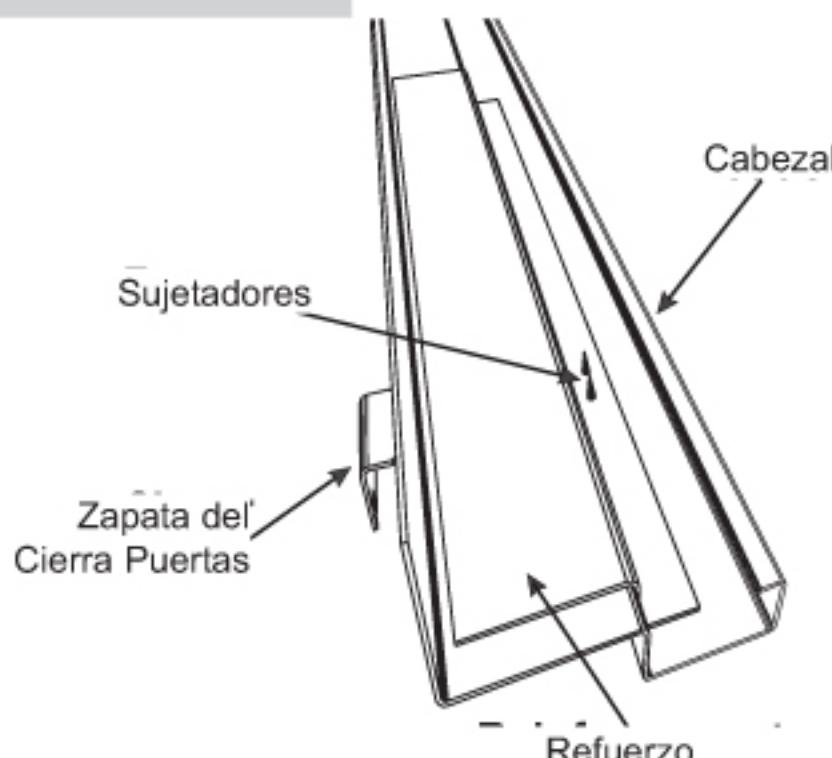
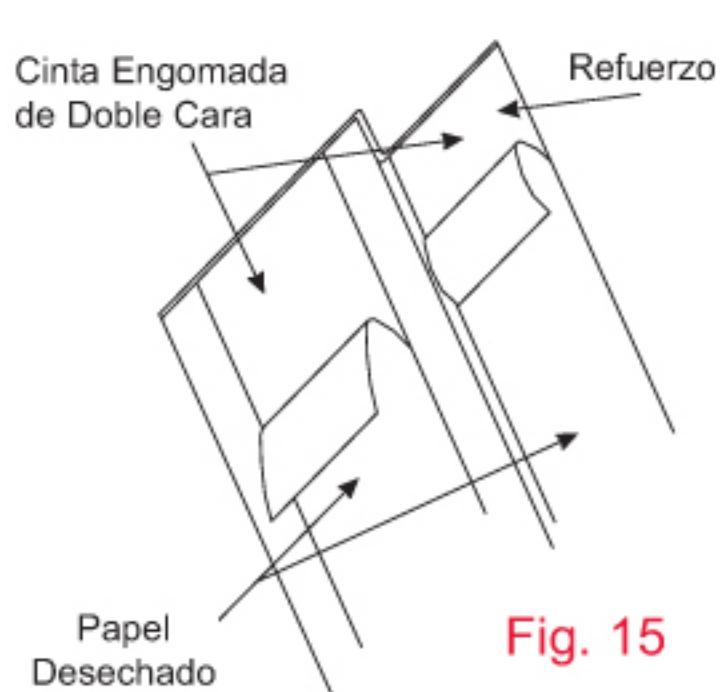
MARCOS ENUMERADOS

REFUERZOS DE EL CERRADOR SON OPCIONALES. SI NO SE USA REFUERZO, UN PERNO QUE ATRAVIESE SE REQUIERE SER UTILIZADO.

INSTALACION DEL REFUERZO DEL CERRADOR MECANICO PARALELO

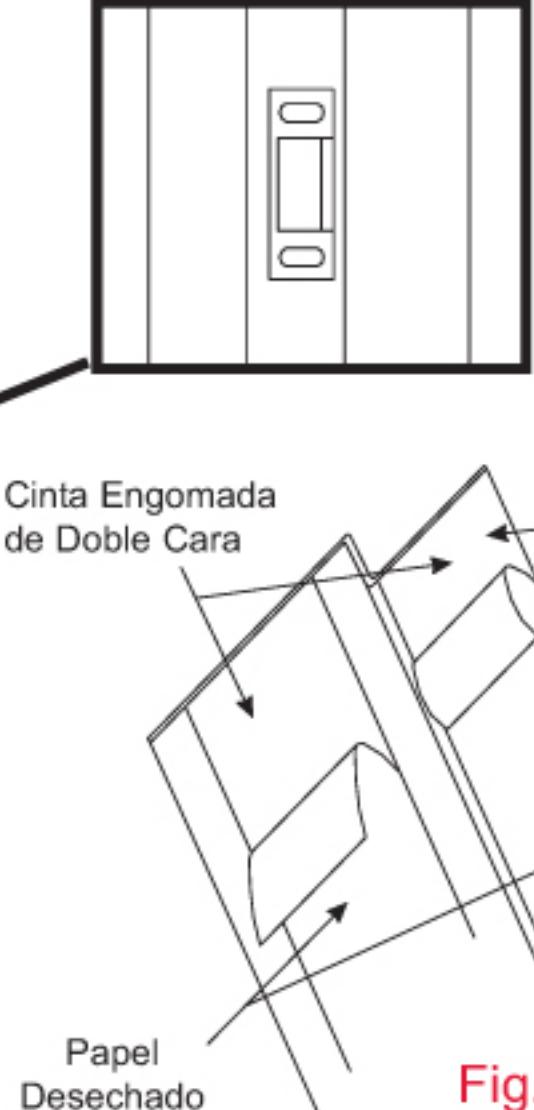
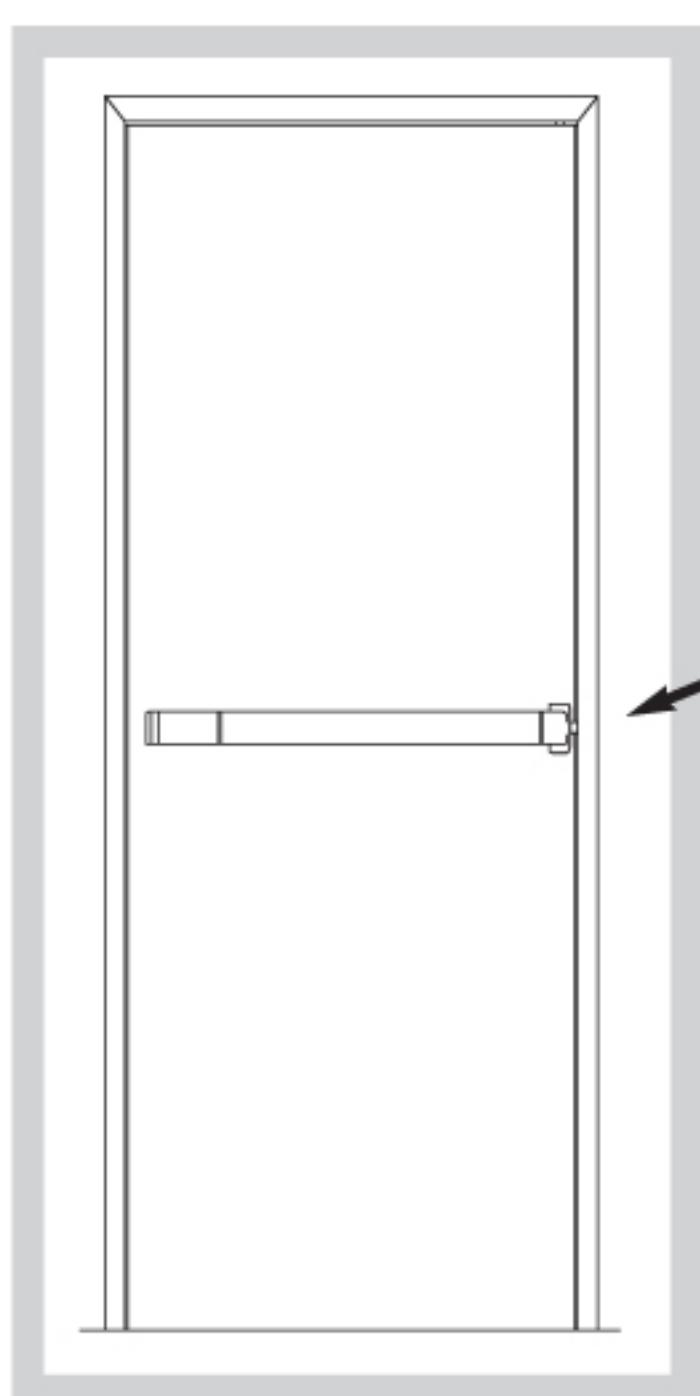


- 1 Limpie con solvente el área del cabezal donde le refuerzo del cerrador mecánico paralelo va a ser instalado.
- 2 Exponga la cinta engomada de doble cara removiendo el papel trasero en dos pedazos (fig 15) presione en posición para asegurar la manga al cabezal (Fig 16).
- 3 Taladre y aterrage a través del marco y el refuerzo para la conexión de los herrajes. (Fig 17)
- 4 Instale el marco y la puerta de manera convencional.

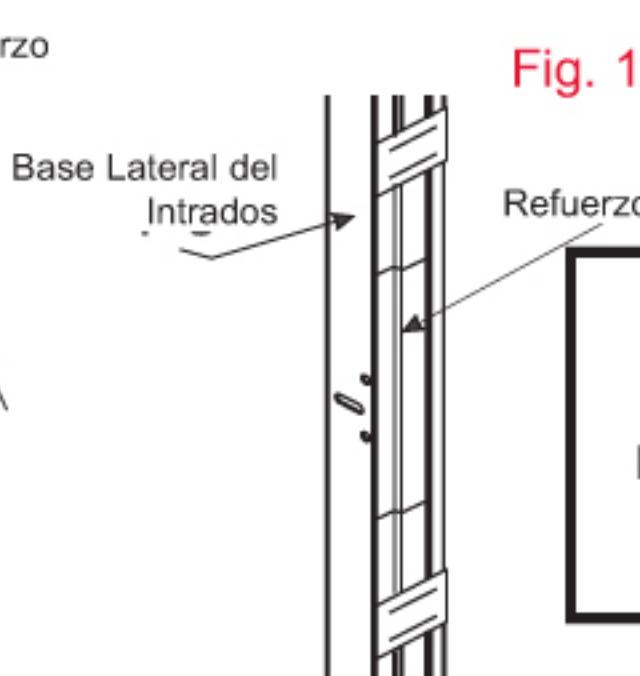


ADVERTENCIA
LA MANGA DE REFUREZO DEL BRAZO PARALELO DEL CERRADOR TIENE QUE ESTAR CONECTADO ANTES DE INSTALAR EL MARCO DE LA PUERTA.

INSTALACION DEL REFUERZO DEL BORDE DE SALIDA



- 1 Limpie con solvente el área general donde el refuerzo del borde de salida va a ser instalado en el intrados.
- 2 Remueva el papel de la cinta adhesiva en dos pedazos (Fig 18) y presione en posición para asegurar la manga al marco (Fig 19).
- 3 Taladre y aterrage a través del marco y refuerzo para conexión de los herrajes.
- 4 Instale el marco y la puerta de manera convencional.



ADVERTENCIA
LA MANGA DE REFUREZO DEL BORDE DE SALIDA TIENE QUE ESTAR CONECTADAS ANTES DE INSTALAR EL MARCO DE LA PUERTA.



REDIFRAME™

Marco de Acero para Puertas de Apertura Fija

Todos los incrementos se enseñan en milímetros (paréntesis) a menos que se indique. Dimensiones imperiales y métricas puede que no sean equivalentes.

P.O. Box 8577 Dothan, AL 36304-0577
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www.dunbarton.com rediframe@dunbarton.com



DUNBARTON

REDIFRAME™

Steel Door Frames

ASSEMBLY OF PREHANG KIT

BASE PACKAGE TO CONTAIN:

- (1) header base
- (1) hinge base
- (1) strike base
- (1) vinyl riser
- (1) weatherstrip set
- (1) prehang hardware bag
- (1) accessory hardware bag
- (1) prehang instructions

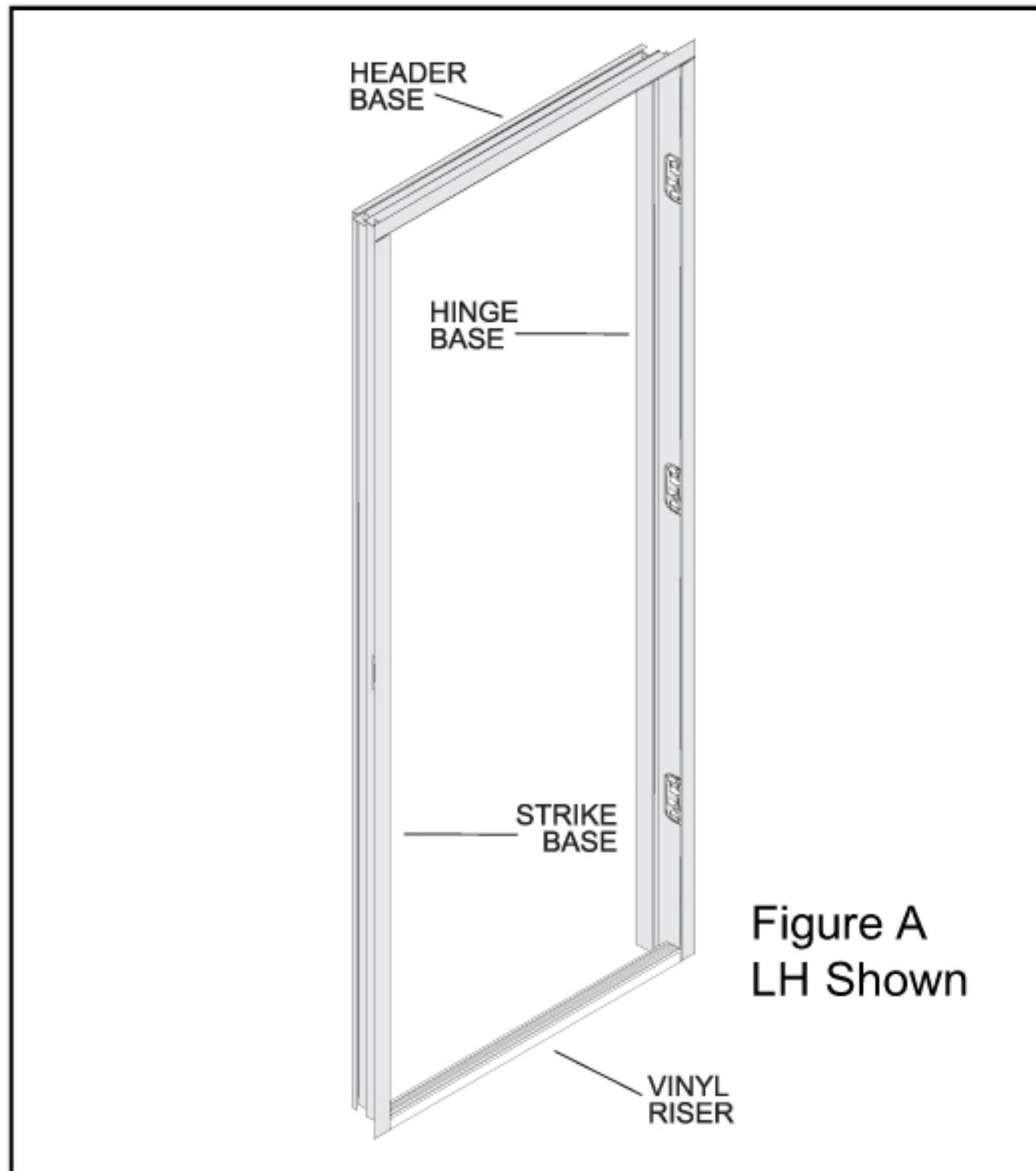


Figure A
LH Shown

FRAME PREPARATION

1 Frame Component Selection

- Frame components. *Figure A*
- Position frame on work surface. *Figure B*

2 Assemble Base Side of Frame

- Bend tabs down and out towards throat side of frame. *Figure C*

3 Attach Vinyl Riser

- (4) #6 x 1-1/2" (38mm) pan head Phillips type 17 face frame screws required.
Figure D

Note: Turn entire preassembled unit over after this step. *Figure E*

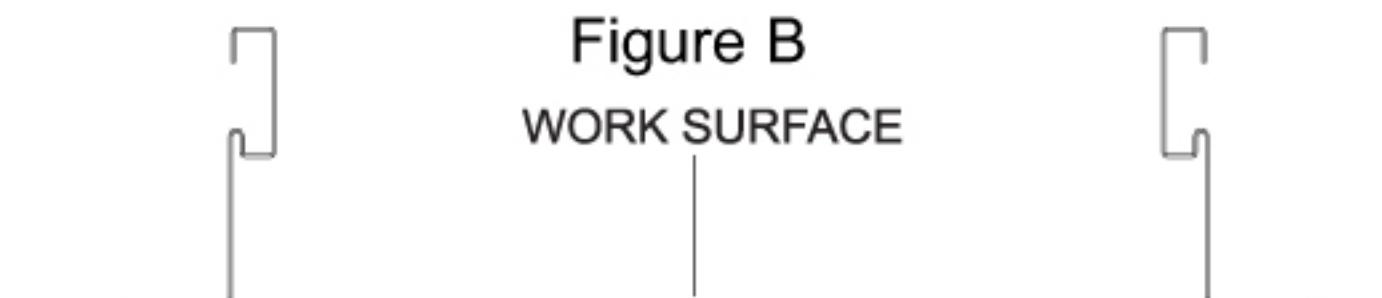


Figure B
WORK SURFACE

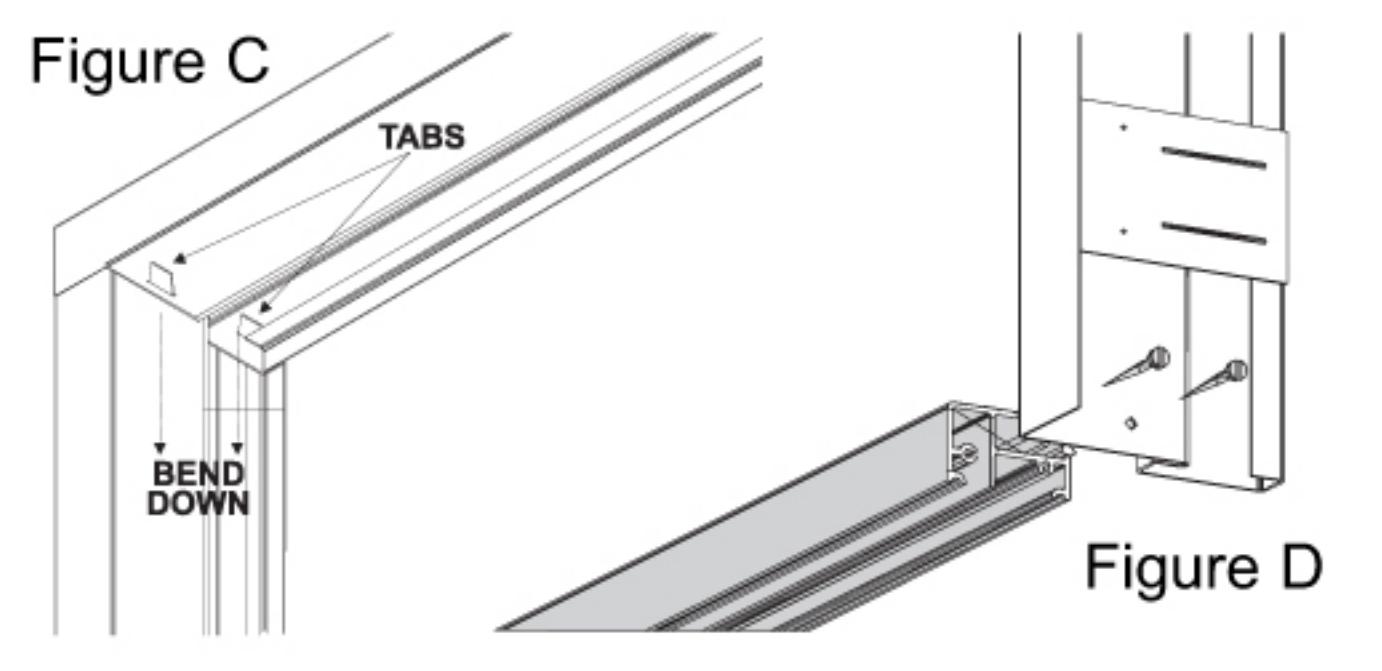


Figure C

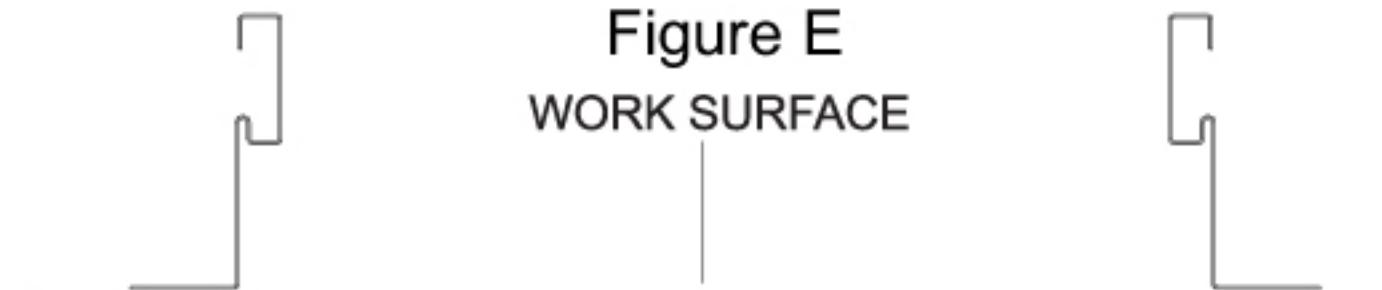


Figure D

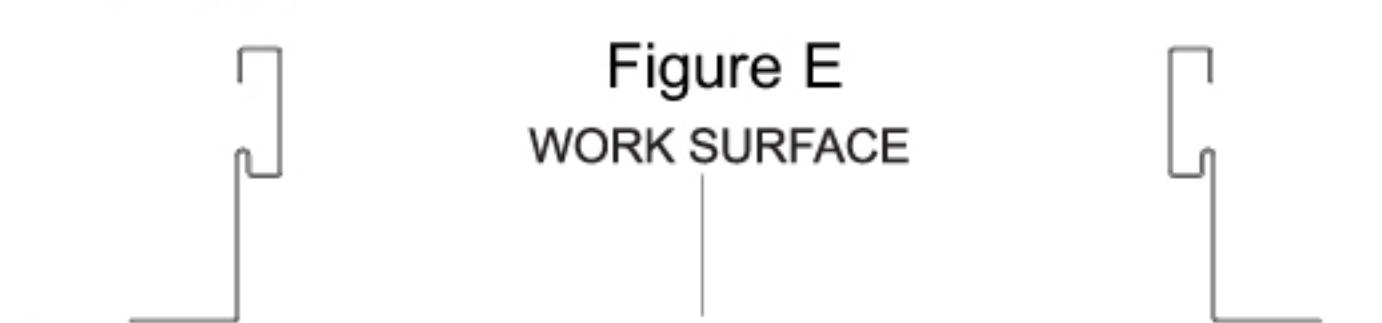


Figure E
WORK SURFACE



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4 Attach Hinges to Frame

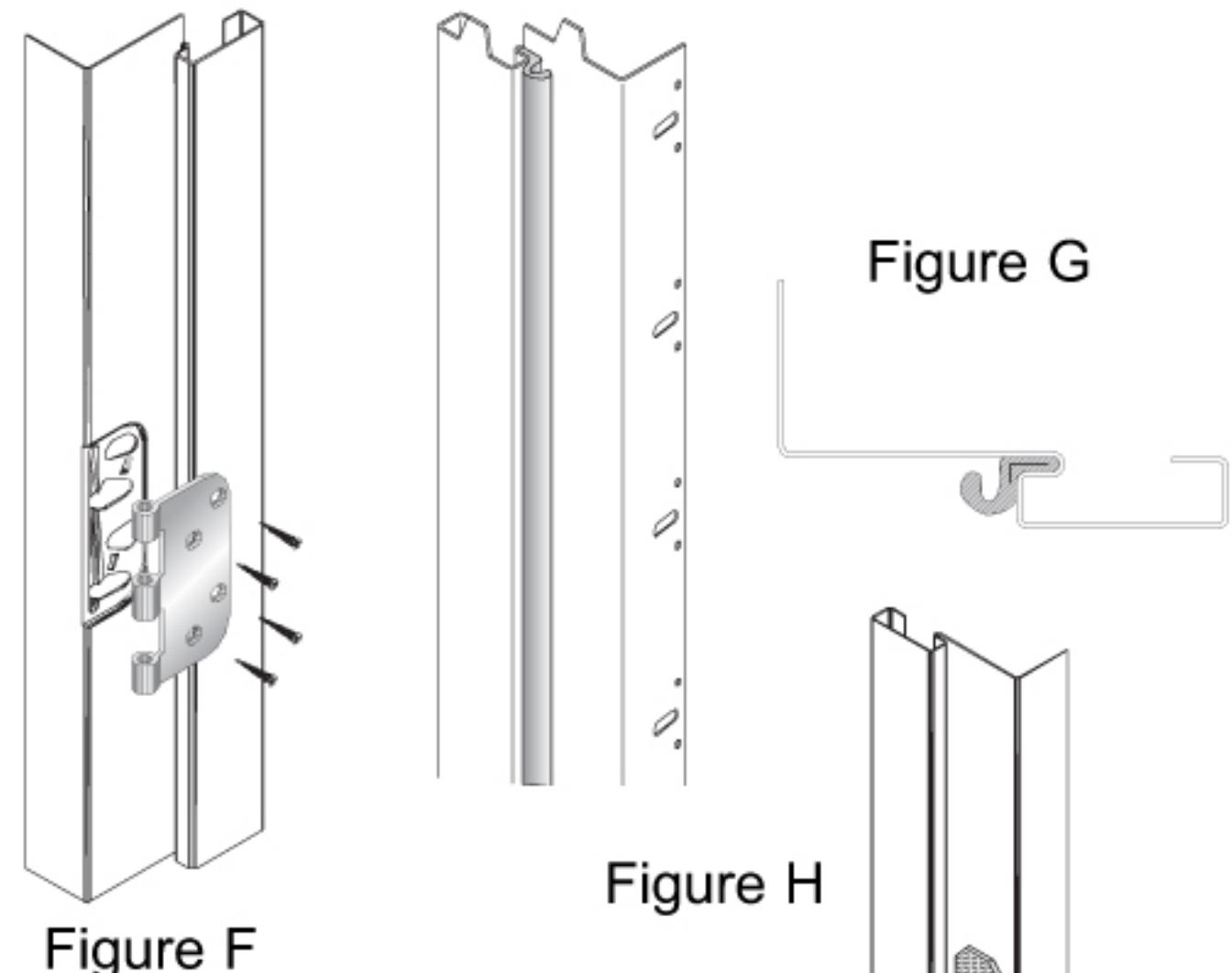
- #10-24 x 1/2" (13mm) machine screws required. *Figure F*

5 Install Weatherstrip

- NOTE: Carefully cut weatherstrip to length. *Figure G*

6 Apply Corner Seals

- (1) required on hinge base and (1) on strike base. *Figure H*



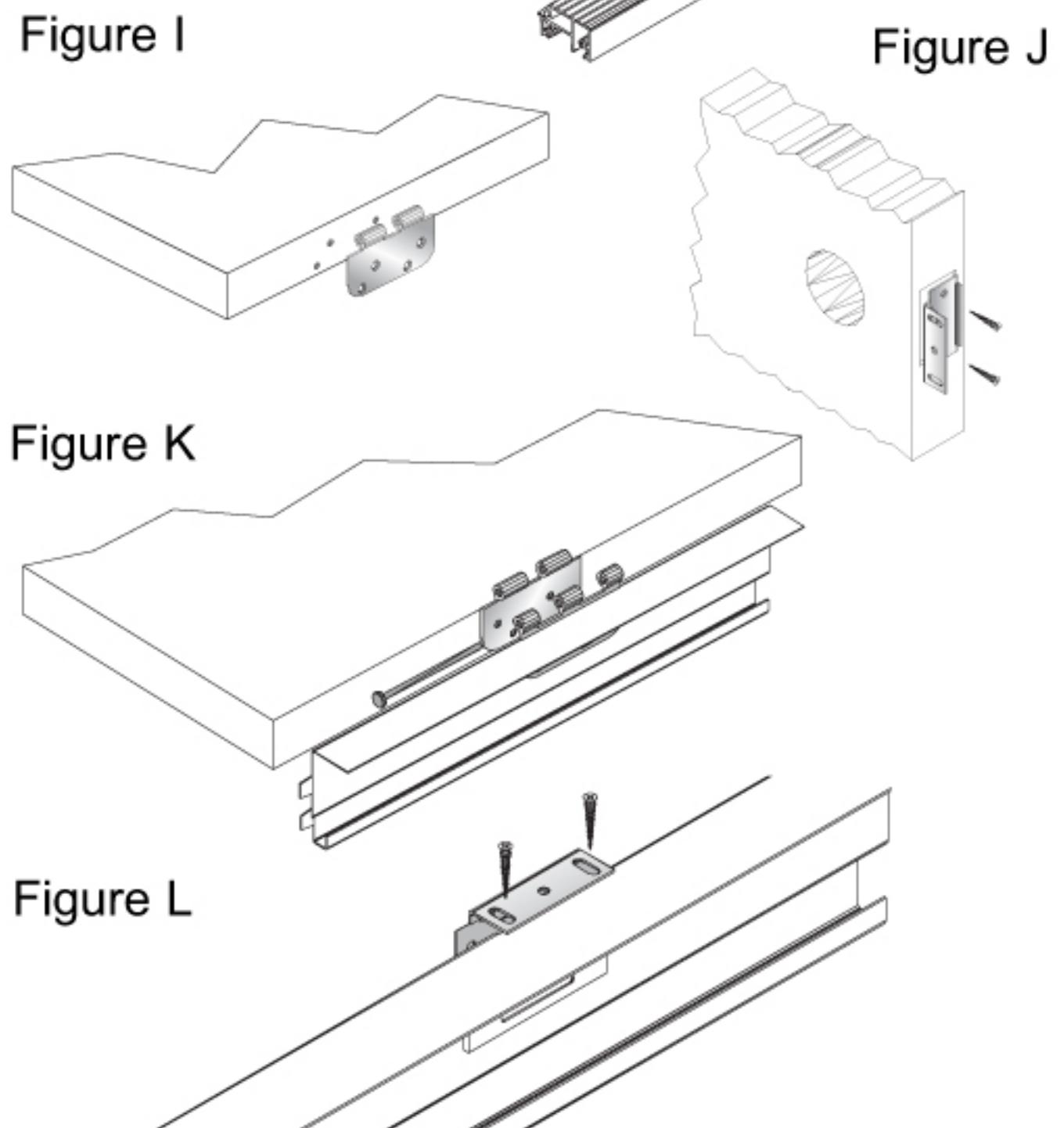
DOOR PREPARATION

1 Install Hinges

- #10-24 x 3/4" (19mm) wood screws (or to door manufacturers specifications) required. *Figure I*

2 Install Prehang Bracket

- (2) #6 x 3/4" (19mm) pan head truss head screws required. *Figure J*



FINAL ASSEMBLY

1 Install Door Into Frame

- Place door in frame.
- Insert (3) hinge pins. *Figure K*

2 Attach Prehang Bracket To Frame

- (2) #6 x 1/2" (13mm) TEK screws required. *Figure L*

Refer to "Installation of Assembled Prehang Kit" (P/N 6217023 or RF404) for insertion into wall opening.

SPECIAL PRODUCT APPLICATION REQUIREMENTS
PAINT: Primed units should be painted within 30 (thirty) days with either an oil base paint (recommended) or a high quality water base latex. A flash rust inhibitor must be used with water base latex method. Consult factory.
ADHESIVE WEATHERSTRIP (Non-Kerf): Products such as Ultra or Schlegel that compress to 1/16" (2mm) max. is recommended. NOT meeting this requirement COULD result in hinge bind.



Steel Door Frames



REDIFRAME™

Adjustable Steel
Door Frames (Rediflex)

INSTALLATION OF ASSEMBLED PREHANG KIT

CLOSURE PACKAGE TO CONTAIN:

- (2) upright closures
- (1) header closure
- (1) aluminum extender
- (1) strike package hardware bag
- (1) installation sheet

1 Install Prehung Unit Into Wall Opening

- Set clearances and attach to wall using the recommended fasteners. *Figure A*

2 Install Closures

- Set clearances and attach to wall using the recommended fasteners.
- Note: While installing closure pieces, make sure the closure goes between the stop return and each individual weld plate of the base side of the frame. *Figure B*

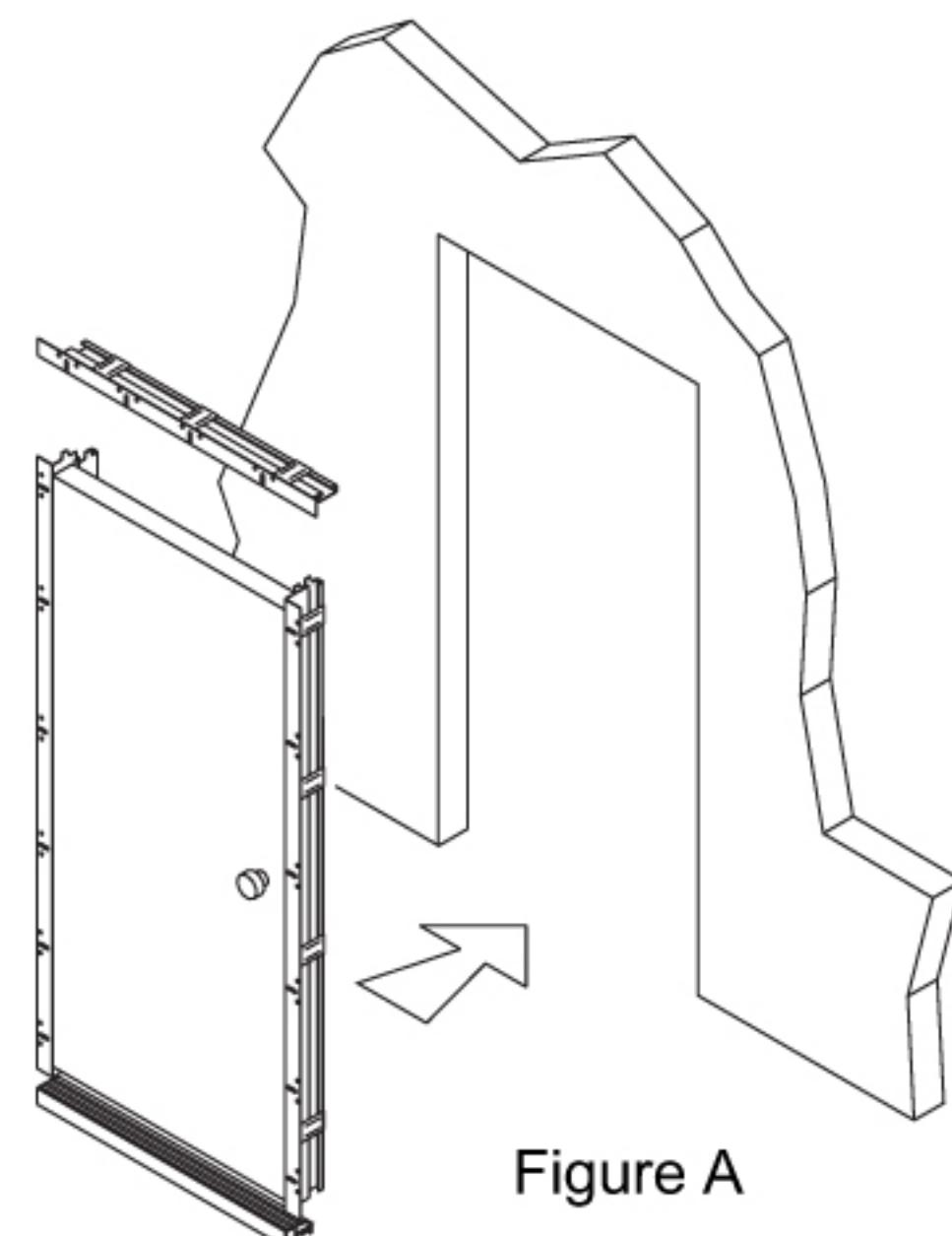
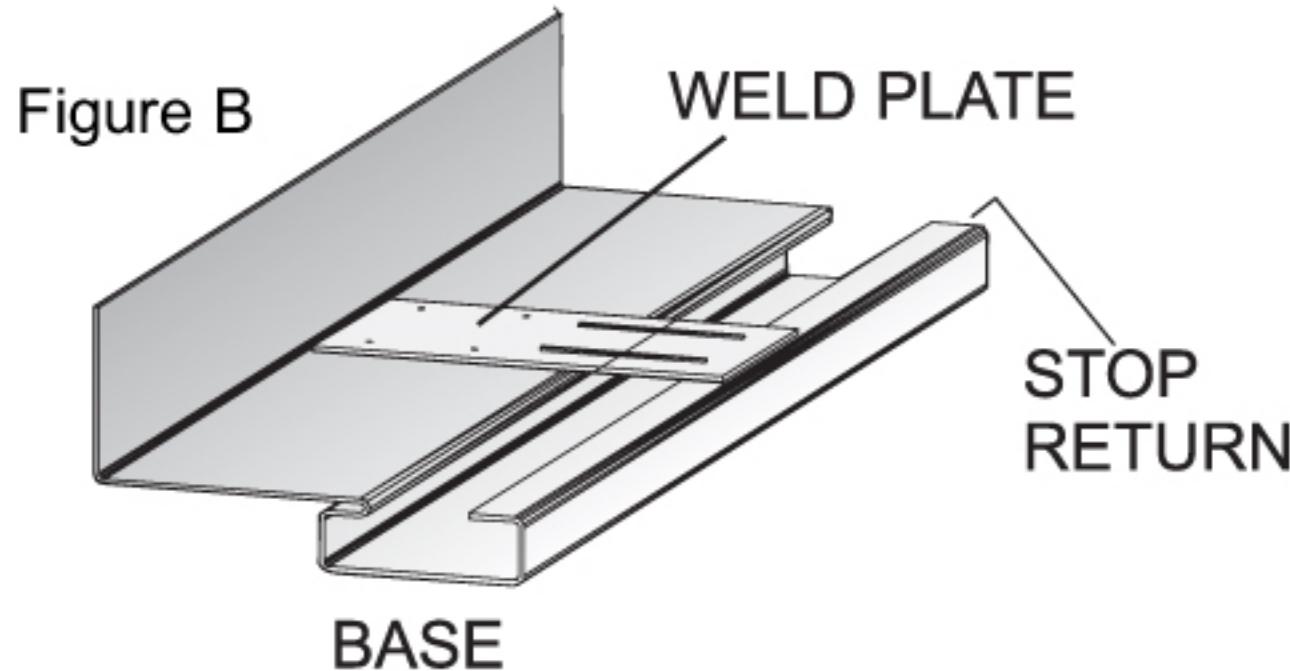
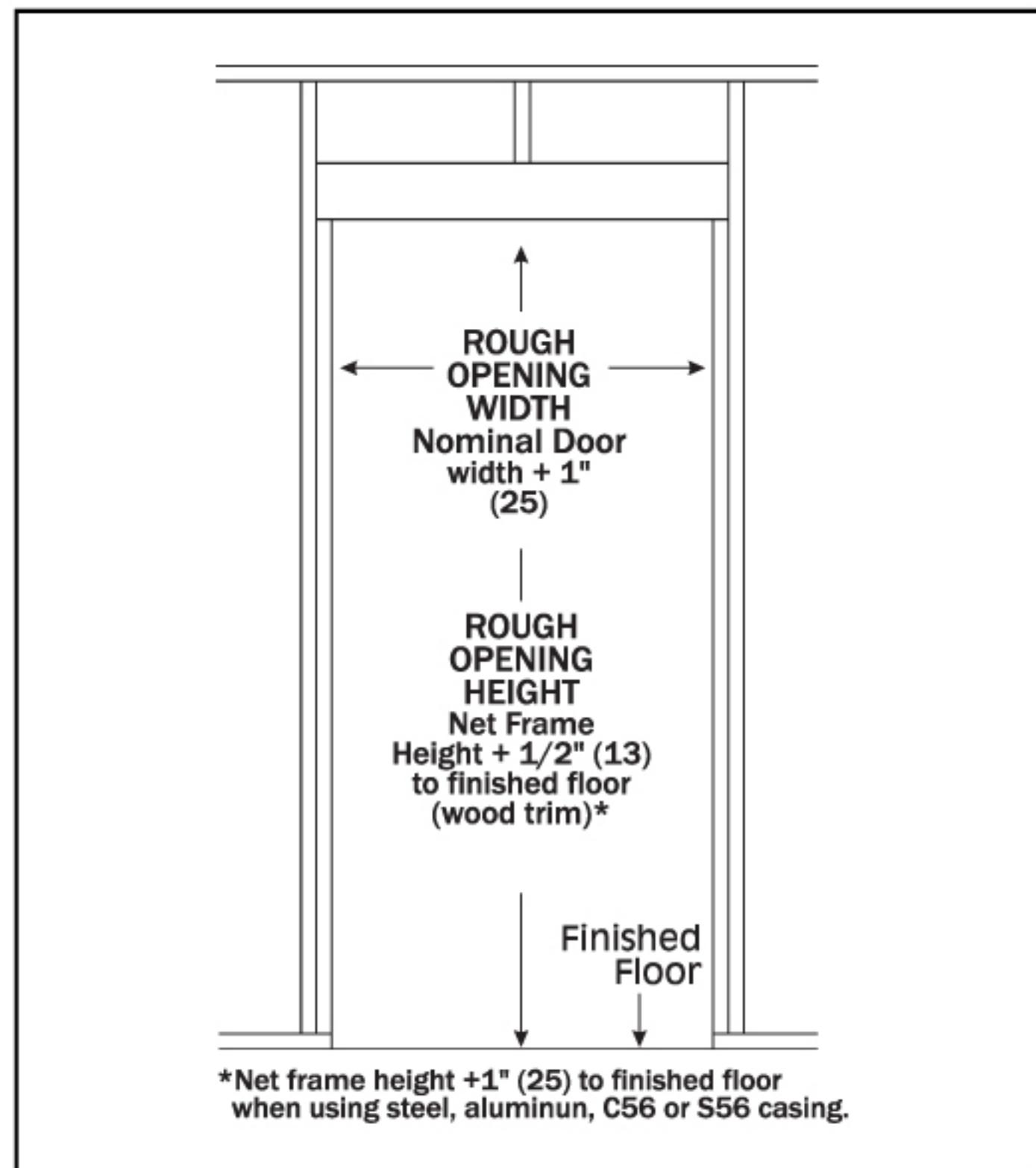


Figure A



REDIFRAME™

Adjustable Steel Door Frames



*Commercial
Residential
Adjustable Steel or
Wood Jambs
Steel or Fiberglass
Doors
Rated / Non-Rated*



PRE-HUNG ENTRY DOOR SYSTEMS



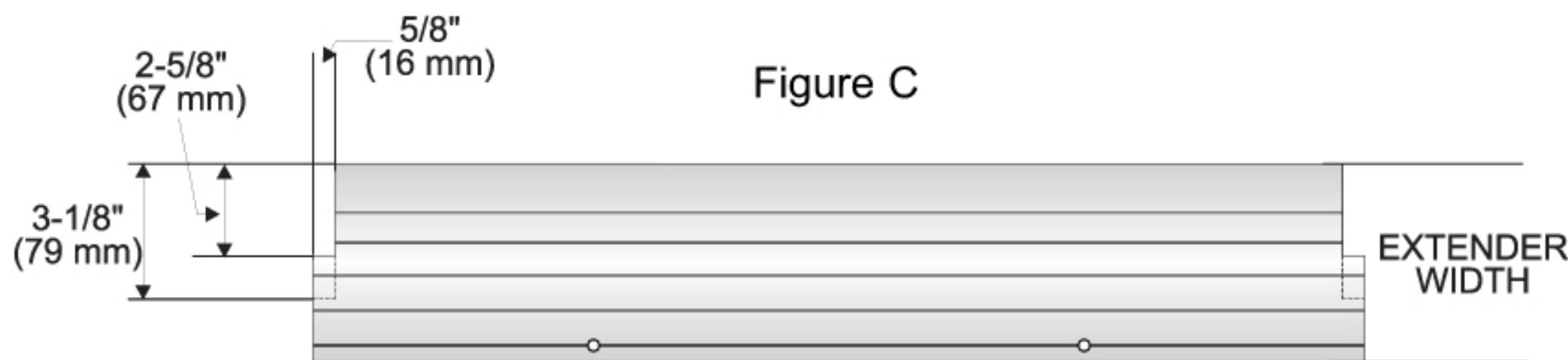
ACHIEVER

Entry Systems

3 Install Aluminum Threshold Extender

- Extenders are factory-notched for the listed wall sizes. *Figure C*

Kerf Wall Size	Non-Kerf Wall Size	Extender Width	Extender Wall Size as Notched
4-1/2" > 5-1/2" 114 mm > 140 mm	4" > 5-1/4" 102 mm > 133 mm	3-3/4" 95 mm	5" 127 mm
5-1/2" > 6-1/2" 140 mm > 165 mm	5" > 6-1/4" 127 mm > 159 mm	4-3/4" 121 mm	6" 152 mm
6-1/2" > 7-1/2" 165 mm > 191 mm	6" > 7-1/4" 152 mm > 184 mm	5-3/4" 146 mm	7" 178 mm

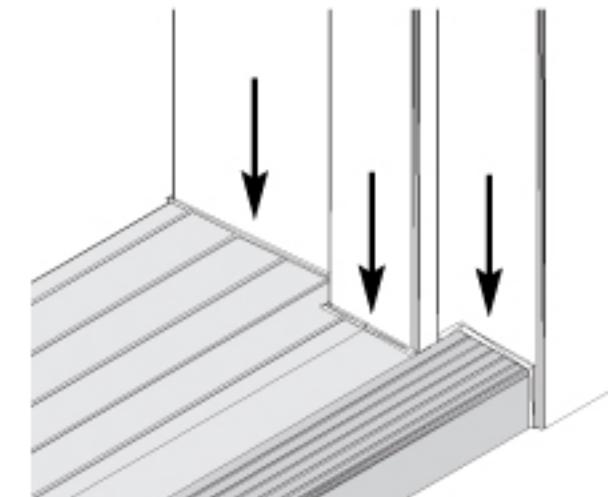
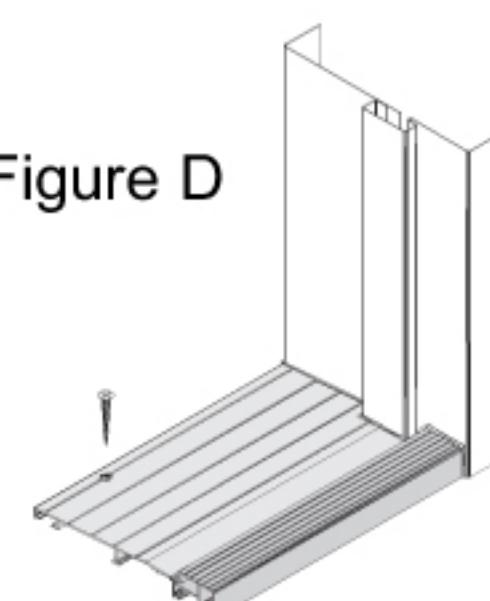


- The extenders can be notched in the field for a smaller wall size. See below for notching details.

Extender Width	Wall Size (Factory Set)	Notch Depth (Factory Set)	Minimum Wall Size	Notch Depth (In Field)
3-3/4" 95 mm	5" 127 mm	2-5/8" 67 mm	4-1/2" 114 mm	3-1/8" 79 mm
4-3/4" 121 mm	6" 152 mm	2-5/8" 67 mm	5-1/2" 140 mm	3-1/8" 79 mm
5-3/4" 146 mm	7" 178 mm	2-5/8" 67 mm	6-1/2" 165 mm	3-1/8" 79 mm

- Slip extender into vinyl riser.
- Drill a 3/6" (.190") diameter hole in the aluminum extender approximately 2" – 3" (51 mm - 76 mm) from each end for (2) #10 x 1-1/2" (38 mm) flat head Phillips screws (provided). *Figure D*
- Caulk entire joint between frame and threshold. *Figure E*

WARNING: Extender must be attached to the floor or warranty is voided.



SPECIAL PRODUCT APPLICATION REQUIREMENTS

PAINT: Primed units should be painted within 30 (thirty) days with either an oil base paint (recommended) or a high quality water base latex. A flash rust inhibitor must be used with water base latex method. Consult factory.

ADHESIVE WEATHERSTRIP (Non-Kerf): Products such as Ultra or Schlegel that compress to 1/16" (2mm) max. is recommended. NOT meeting this requirement COULD result in hinge bind.



REDIFRAME™

Adjustable Steel Door Frames

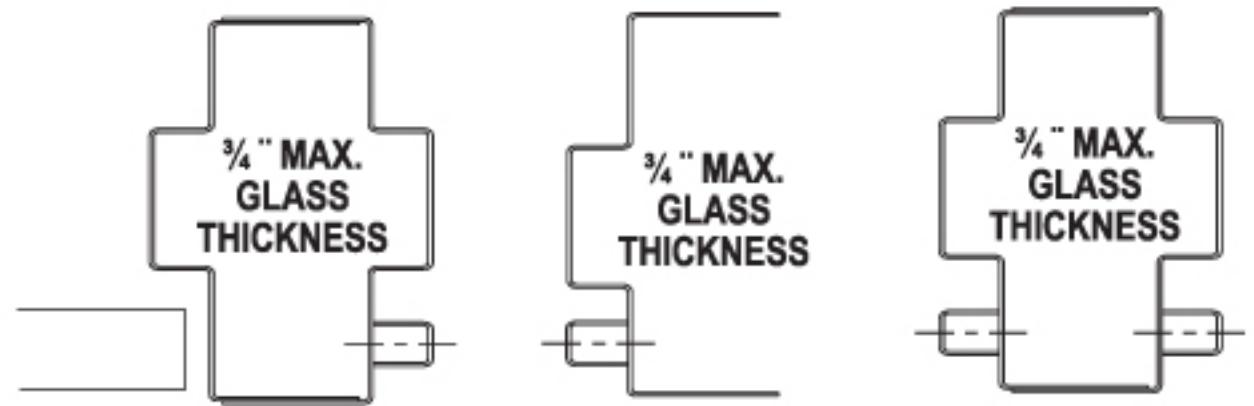
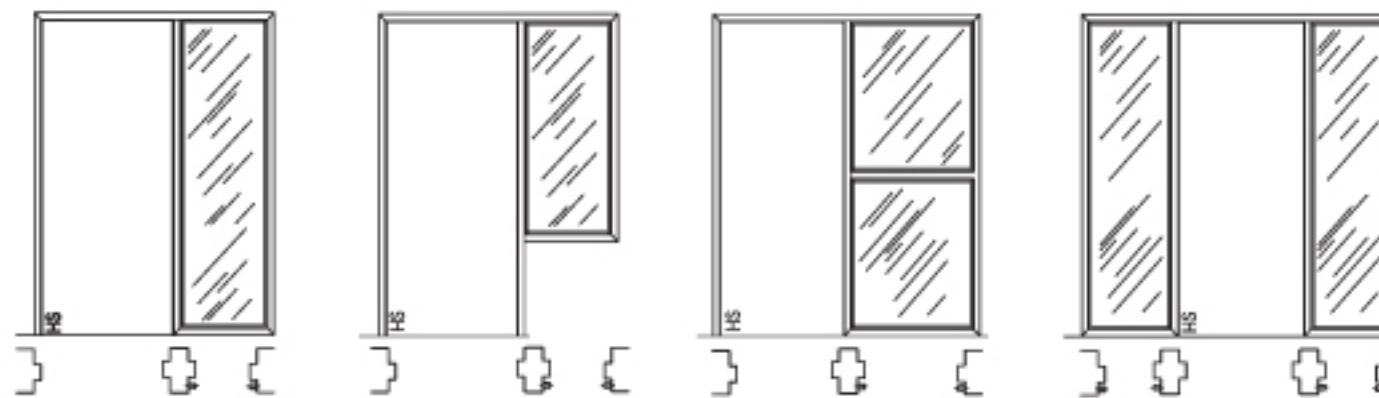
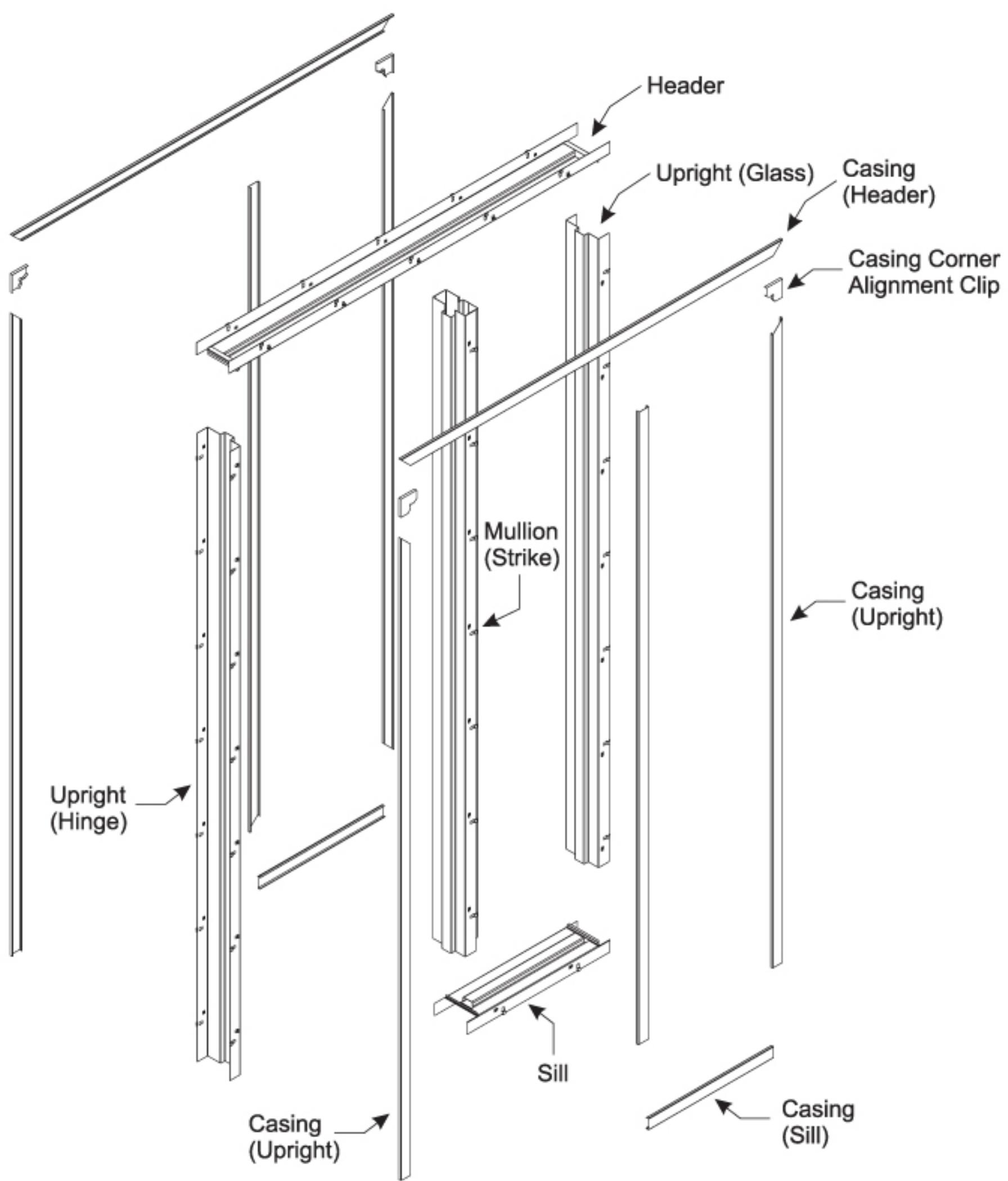
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SIDELITE INSTALLATION PROCEDURE



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Door Frames



Chelsey

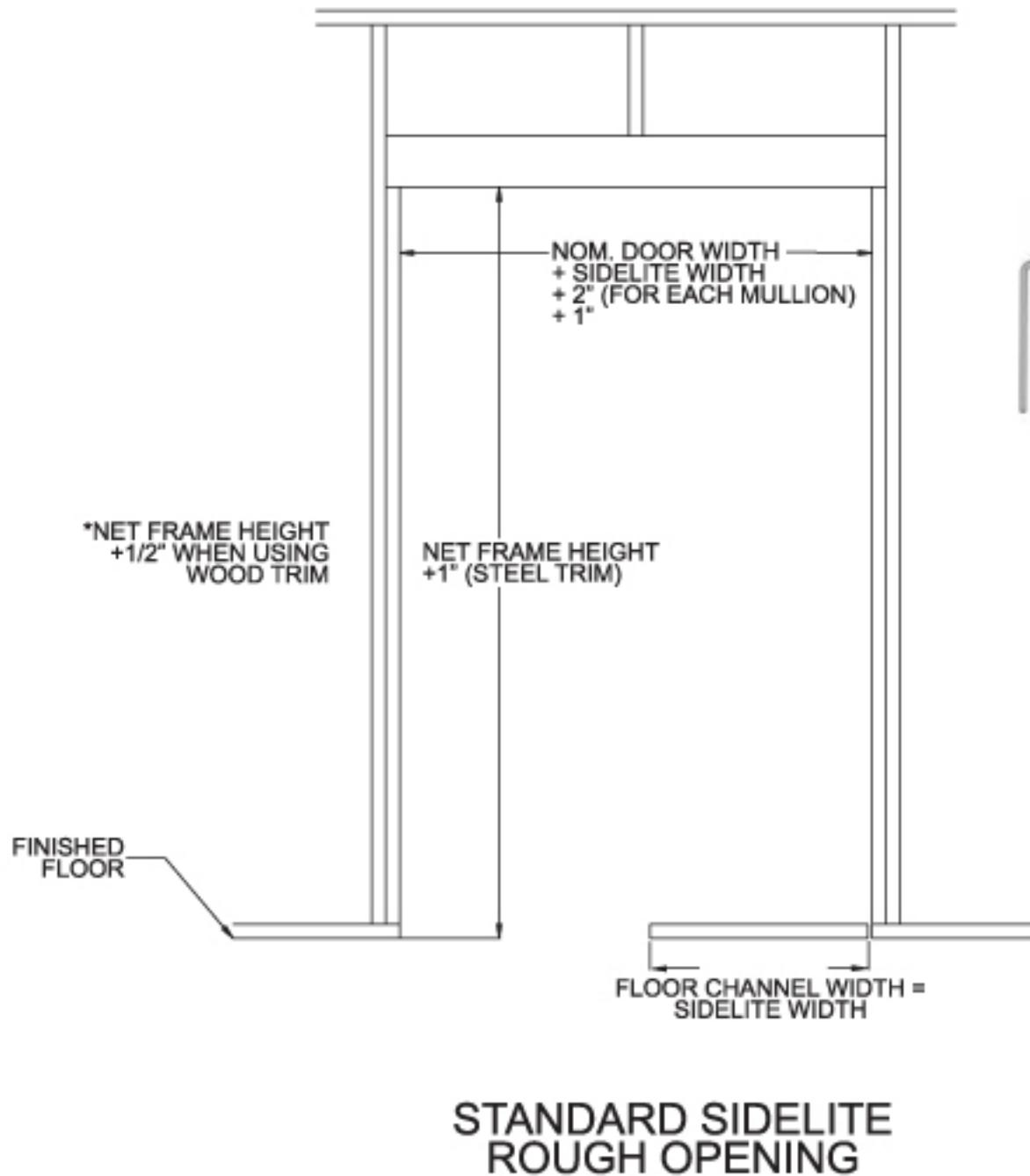
College athlete, heart patient

After experiencing episodes of rapid heartbeat, fainting and fatigue, college volleyball player Chelsey and her parents turned to Via Christi for answers. When she discovered that Via Christi's Electrophysiology Lab was dedicated to diagnosing and treating conditions like hers, she was hopeful that their expertise could bring her heart — and her game — back into perfect rhythm.

See her story at Via-Christi.org/Chelsey

BEFORE YOU BEGIN

PLEASE FOLLOW ALL INSTRUCTIONS AND ALWAYS USE
PROTECTIVE EYEWEAR WHEN INSTALLING A DOOR SYSTEM.
PLEASE READ INSTRUCTIONS COMPLETELY.



STANDARD SIDELITE
ROUGH OPENING

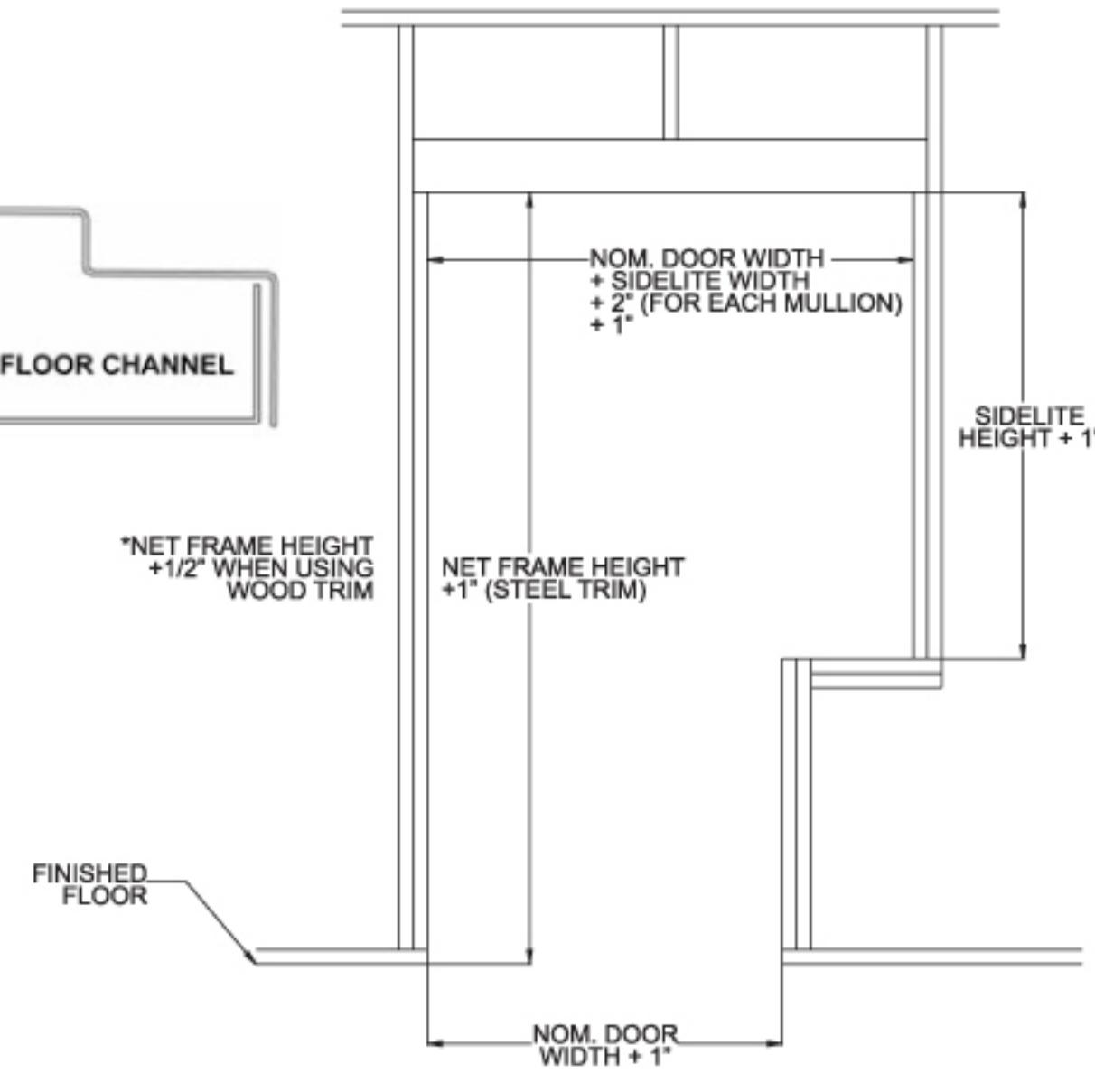


FIGURE 1 PARTIAL SIDELITE
ROUGH OPENING

Rough Opening

(Figure 1)

Step 1

Verify that the opening is plumb, square and level. To determine rough opening, add width of door to width of glass insert and add 3" for rough opening width.

(Example: $36" + 2" \text{ [mullion]} + 18" + 1" = 57" \text{ W.}$
(Figure 2)

Step 2

Add 1" to net height of frame for rough opening height. (Example: $80" + 1" = 81" \text{ H}$)

Installation of Floor Channel (Figure 1)

Step 1

Install the floor channel or 2x4 stub wall. The floor channel is installed first. It is **important** that the floor channel be strongly fastened to the floor as the sidelite will be attached to it and cannot be allowed to move.

(Example: sidelite width 18"; Length of floor channel: 18")

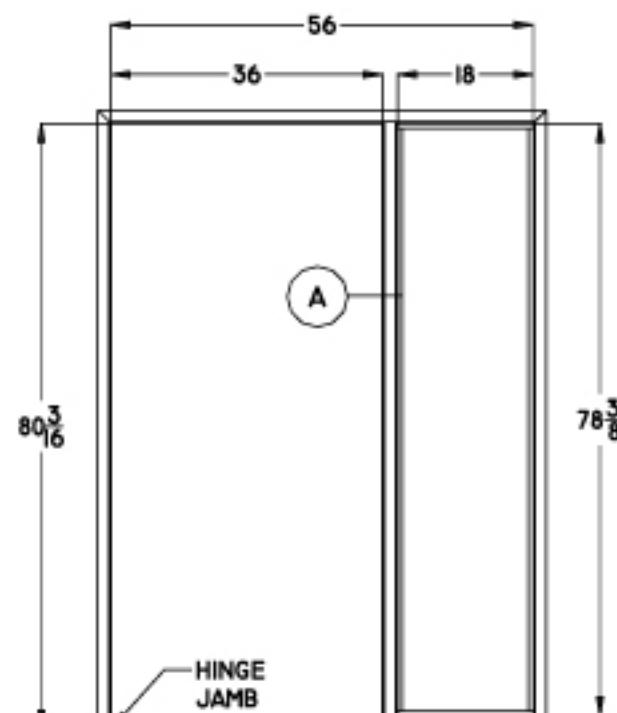


FIGURE 2

Mullion Clip Installation

Step 1

Select frame members that will receive mullion brackets (head on elevation shown).

Determine center line of mullion and scribe a line across the stop. (Figure 3)

Important: All measurements should be made from the same end of the frame sections in the installed position.

Step 2

Position mullion bracket so scribe line centers in diamond window and the depressed tab rests firmly against the stop on the 1-3/4" & 1-3/8" rabbets.

(Figure 4)

Step 3

Install screws as shown.

(Figure 5)

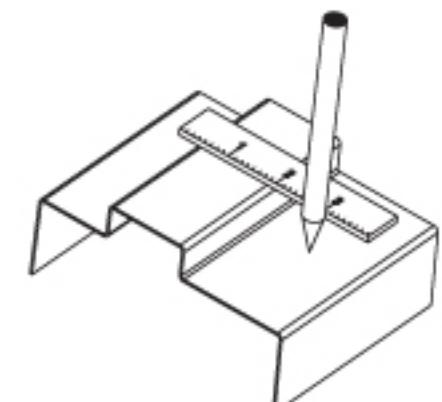


FIGURE 3

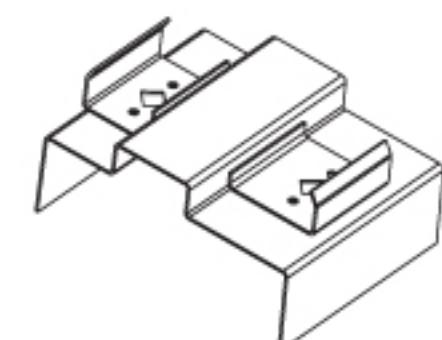


FIGURE 4

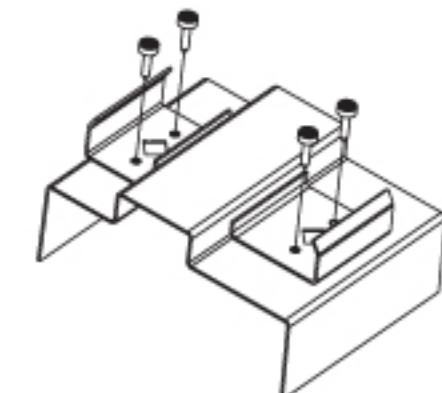


FIGURE 5

Installation of Frame

Step 1

Sleeve top header over wall
(Figure 4).



FIGURE 4

Step 2

Sleeve bottom header over sill.

Step 3

Sleeve upright members over wall
(Figure 5).



FIGURE 5

Step 4

Position mullion post (Figure 6).

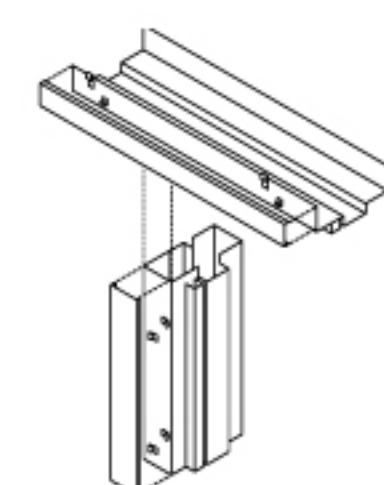


FIGURE 6

Step 5

Bring top header down to upright sections, locking them together with alignment tabs and fitting the mullion post firmly on to the mullion bracket (Figure 7).

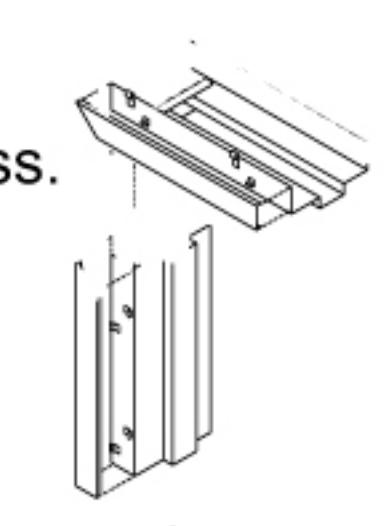


FIGURE 7

Step 6

With a self-tapping screw, attach mullion to mullion clip (Figure 8) on both sides.

Step 7

Hang door and align for squareness.

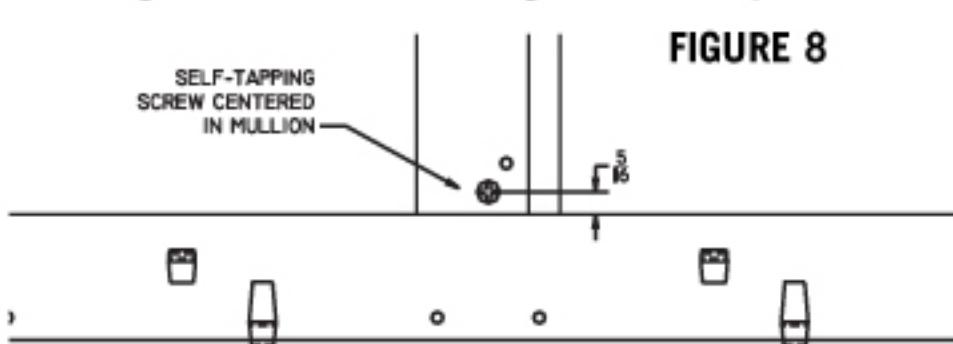
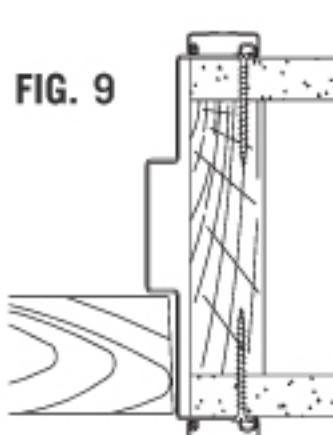


FIGURE 8

FIG. 9



Fastening Instructions

Wall Construction: (Figure 9)
Wood Studs & Drywall

Recommended Frame Fasteners:
1-1/4" Min. Drywall Screws, Coarse Threads

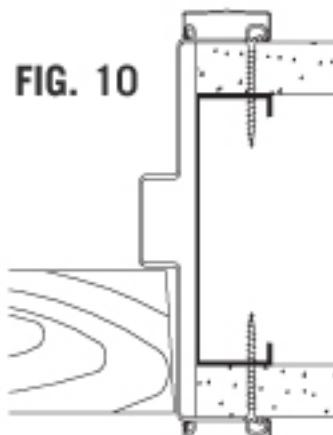


FIG. 10

Wall Construction: (Figure 10)
Steel Studs & Drywall

Recommended Frame Fasteners:
1-1/4" (min.) Type "S" Bugle Head Self-Tapping Screws

Fasten unit to wall as follows (Figure 11):

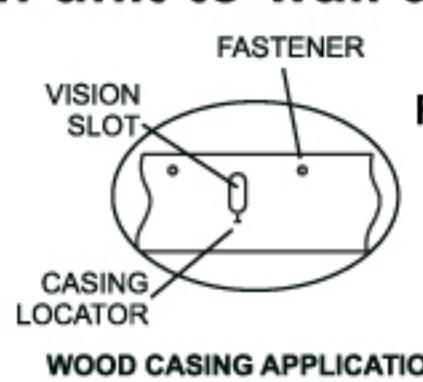
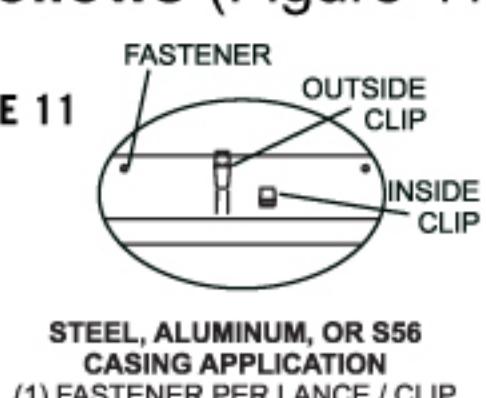


FIGURE 11



STEEL, ALUMINUM, OR S56
CASING APPLICATION
(1) FASTENER PER LANCE / CLIP

Step 1

To secure header, fasten header above hinge upright and proceed toward strike side. Apply one (1) fastener per lance / nail hole. (Figure 12)



FIGURE 12

To secure sill, apply one fastener per lance/nail hole.

Step 3

To secure hinge upright, proceed downward from upper end of hinge upright. Apply one (1) fastener per lance / nail hole (Figure 12).

Step 4

To secure upright (glass), proceed downward from upper end of glass upright. Apply one fastener per lance / nail hole.

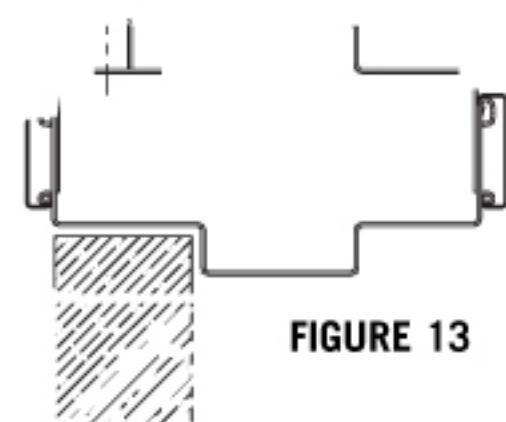


FIGURE 13

Step 5

Install glass, glazing, and glass stop. (Figure 13) See Fire Rating Chart for correct glazing material application (pg. 4). (Figure 14)

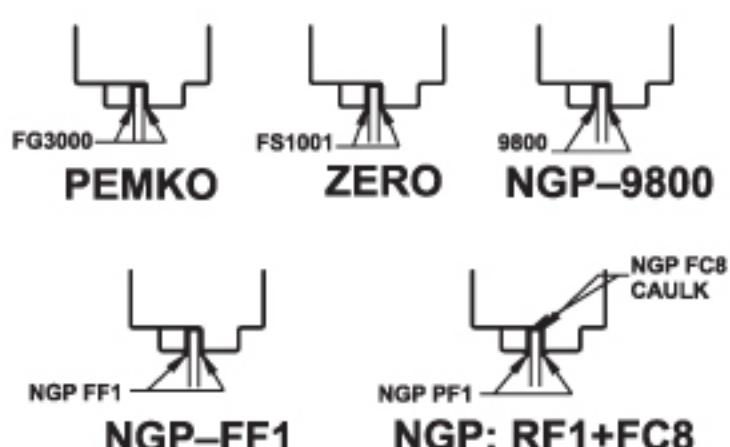


FIGURE 14

Step 6

Apply trim, taking care to hook over outside clip roll and snap over the inside clip. Do not force over both ends of clip simultaneously (Figures 15, 16 & 17).



FIGURE 15



FIGURE 16



FIGURE 17

To remove casing, use a small common screwdriver with a flat edge or a stiff putty knife. Start at the bottom of the upright casing on the **inside** of the frame. Gently insert the edge of the screwdriver between the casing and the leg of the frame. Slowly work the screwdriver up the casing to the first lance. Rotate the screwdriver in a counterclockwise motion; the casing will pop off the inside curl of the lance. Repeat this procedure with remaining lances. After all inside lances have been cleared, gently ease the casing from under the **outside** lance curl and remove.

FIRE RATINGS

45-MINUTE SIDELITE / TRANSOM ASSEMBLY FRAMES (1-3/4" DOORS)

Maximum Assembly Size: 10' wide x 10' height / UL 10B (Neutral Pressure) and UL 10C (Positive Pressure)

RATING	MINIMUM WALL SIZE	MAXIMUM GLASS WIDTH	MAXIMUM GLASS HEIGHT	FRAME GAUGE	GLASS TYPE	TEST STANDARD	MAXIMUM DOOR SIZE	GLAZING MATERIAL	MAX. ASSEMBLY SIZE
45 min.	3-1/2"	24"	106"	18 or 20	Wire	Neutral	3'0" x 9'0"	Not Required	10'0" x 10'0"
45 min.	3-1/2"	36"	36"	18 or 20	Wire	Neutral	3'0" x 9'0"	Not Required	10'0" x 10'0"
45 min.	3-1/2"	36"	94"	18 or 20	Ceramic	Neutral	3'0" x 9'0"	Listed	10'0" x 10'0"
45 min.	3-1/2"	24"	106"	18 or 20	Wire	Positive	3'0" x 9'0"	Listed	10'0" x 10'0"
45 min.	3-1/2"	36"	94"	18 or 20	Ceramic	Positive	3'0" x 9'0"	Listed	10'0" x 10'0"



WARRANTY

The Warranty for Steel Frames manufactured by REDIFRAME® PRODUCTS DIVISION is to the original consumer purchaser to be free from defects in material and workmanship for a period of one (1) year from the date of purchase.

This warranty is applicable only when the product(s) covered by it have been installed in accordance with the recommended written installation instructions of REDIFRAME® PRODUCTS DIVISION and with established building practices, have been accorded treatment which is considered good practice in the building industry regarding storage and maintenance, and have been subject only to normal use. Because REDIFRAME® PRODUCTS DIVISION cannot control the manner in which its products are handled after leaving its premises, this warranty does not apply to the finish or accessories of any product.

ANY AND ALL IMPLIED WARRANTIES HERETO ARE LIMITED TO ONE (1) YEAR FROM THE DATE OF PURCHASE.

Some states do not allow limitations on how long an implied warranty lasts, so the above limitations may not apply to you. In

the event the original consumer purchaser of any REDIFRAME® product believes that the frame or any parts thereof covered by this warranty are defective, a letter outlining the alleged defect should be sent postage prepaid to the following address:

**REDIFRAME PRODUCTS DIVISION
Division of the Dunbarton Corporation
P.O. Box 8577 Dothan, Alabama 36304-0577**

Any REDIFRAME® Products Steel Frame, or any parts thereof covered by this warranty which, upon inspection by an authorized representative of REDIFRAME® PRODUCTS DIVISION, are found by said representative to be defective will be repaired, replace, or at the option of REDIFRAME® PRODUCTS DIVISION, the purchase price of the frame or part will be refunded and does not include labor, installation costs, finishing costs, or indirect or consequential damages of any nature. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.



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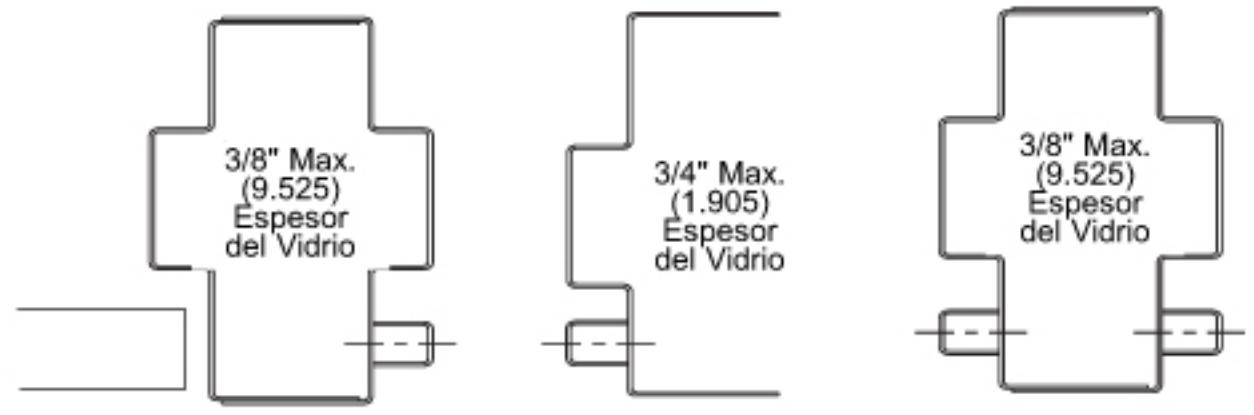
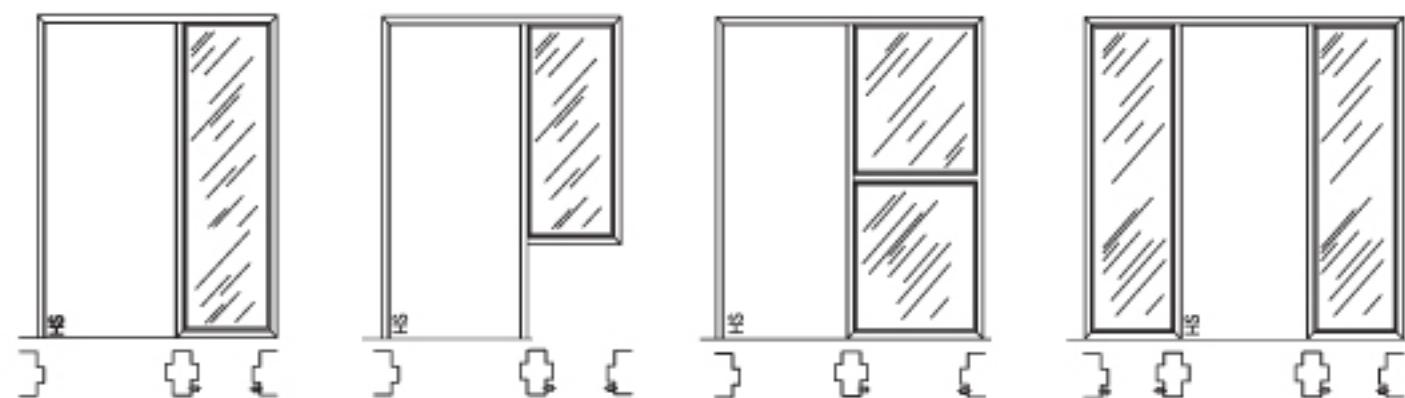
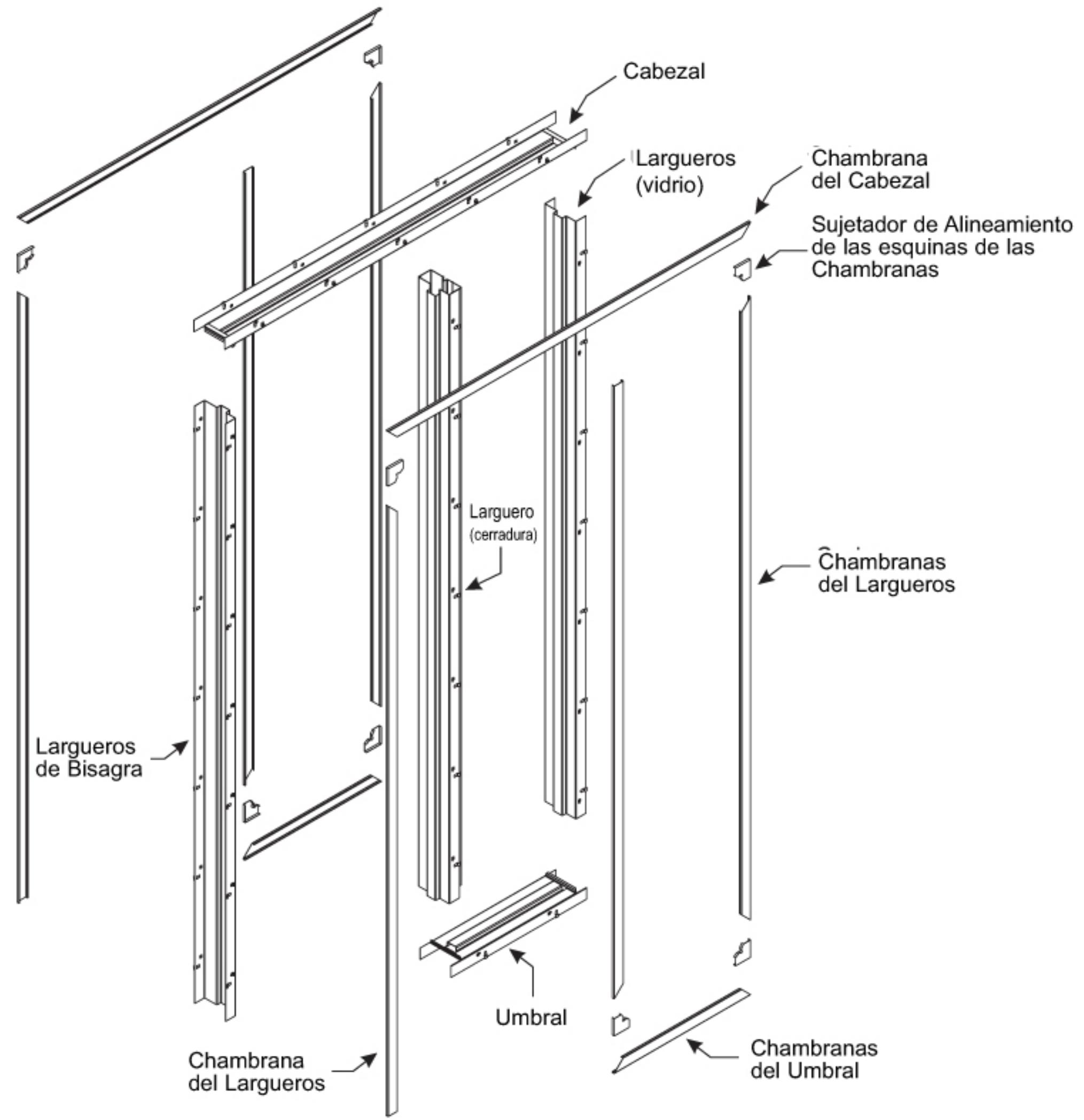
Door Frames



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PROCEDIMIENTO DE INSTALACION DE VENTANILLA LATERAL

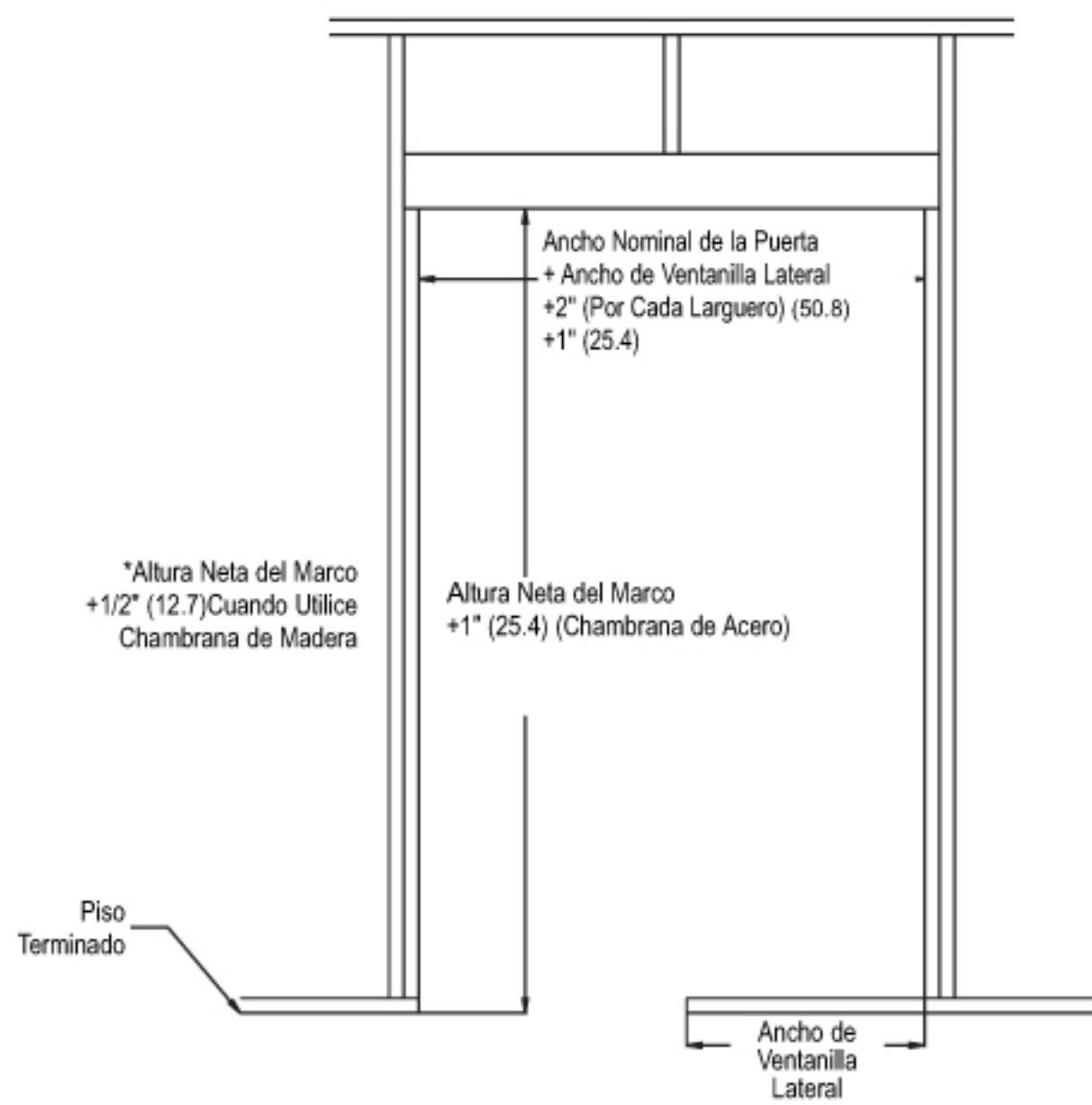


REDIFRAME™

Door Frames

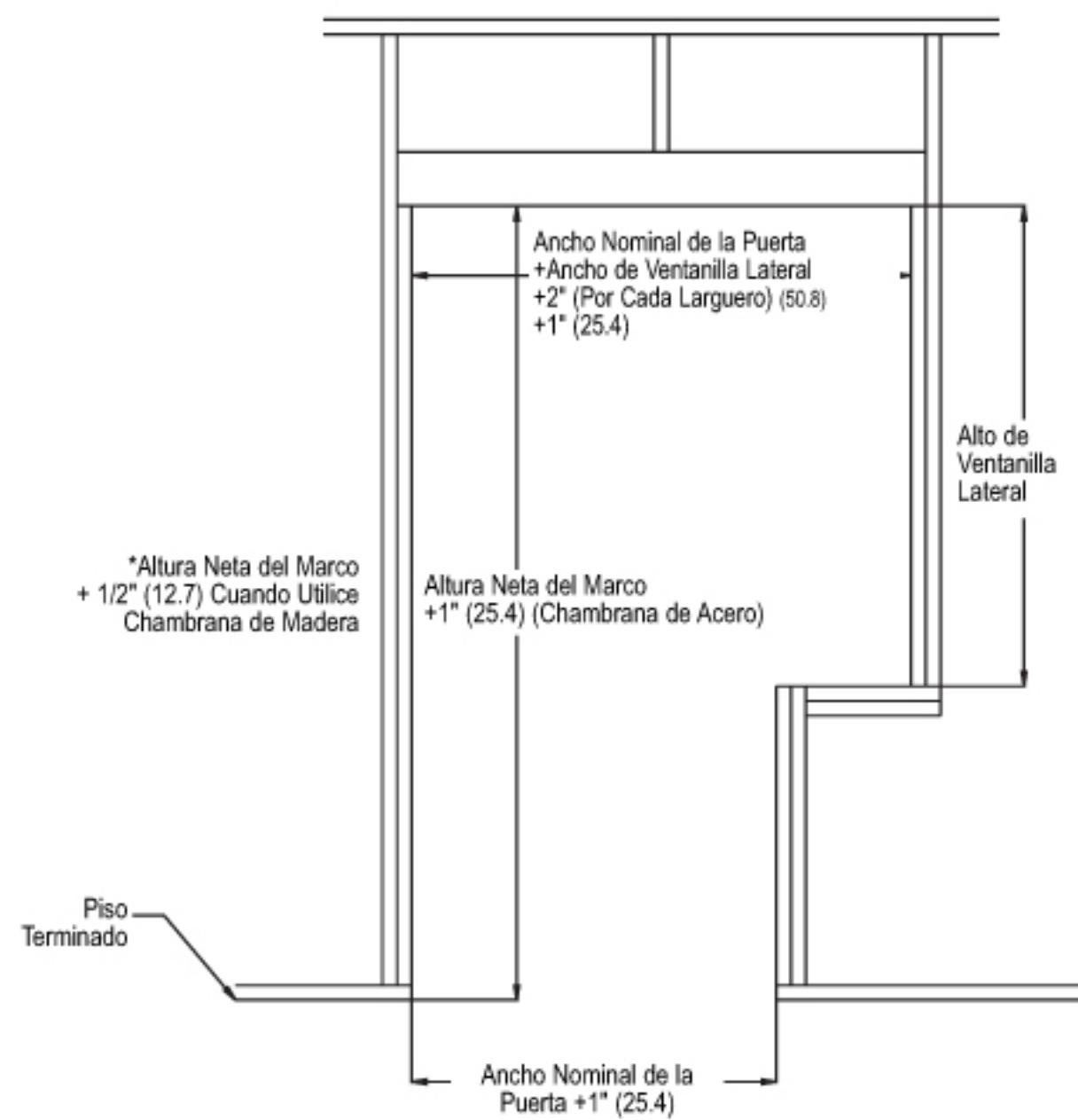
ANTES DE EMPEZAR

FAVOR DE SEGUIR TODAS LAS INSTRUCCIONES Y UTILIZAR EQUIPO DE PROTECCIÓN DE OJOS CUANDO INSTALE UN SISTEMA DE PUERTAS. FAVOR DE LEER COMPLETAMENTE LAS INSTRUCCIONES.



Abertura Bruta de la Ventanilla Lateral

FIGURA 1



Abertura Bruta Parcial de la Ventanilla Lateral

ABERTURA BRUTA

(Figura 1) Paso 1

Verifique que la abertura este a plomo, cuadrada y nivelada. Para determinar la abertura bruta, añada el ancho de la puerta al ancho de la lama de cristal y añada 3 pulgadas para el ancho bruto de la abertura.

(Ejemplo: 36" (91.44cm) + 2" (5.08cm) [languero] + 18" (45.72cm) + 1" (2.54cm) = 57" (144.78cm) ancho. (Fig. 2)

Paso 2

Añada 1" a la altura neta del marco para la altura bruta de la abertura.

(Ejemplo: 80" (203.2cm) + 1" (2.54cm) = 81" (205.74cm) altura)

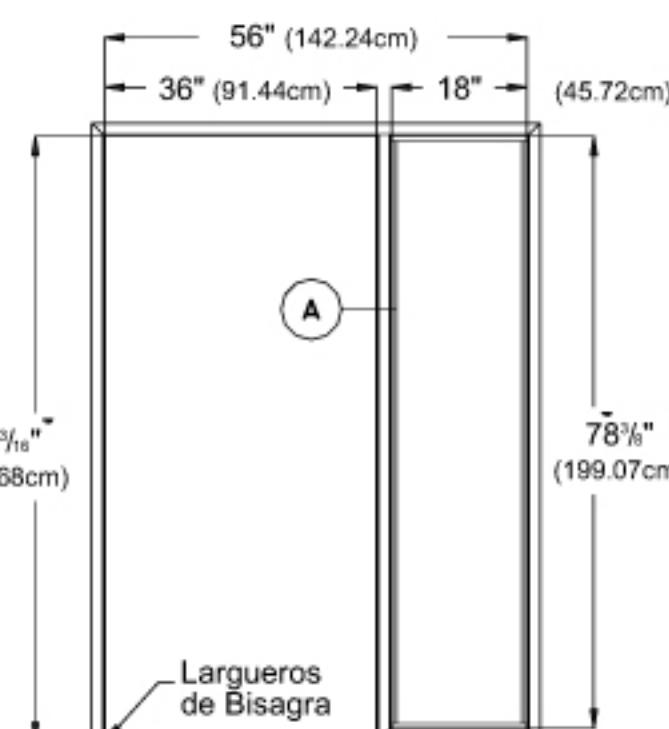


FIGURA 2

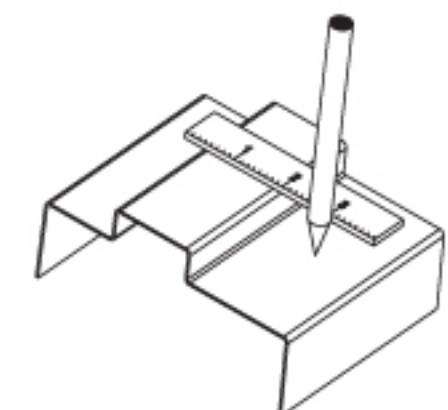
Paso 3

Instale el umbral al piso junto al poste del lado del languero del vidrio.

Instalación del Sujetador del Languero

Paso 1

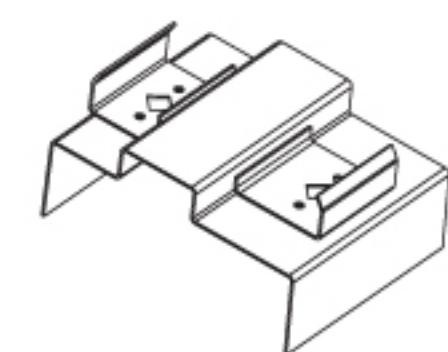
Determine la línea central del languero y trace una línea a lo largo del cierre de la puerta. (Figura 3)



Importante: Todas las medidas deben ser hechas del mismo extremo de las secciones del marco en la posición instalada.

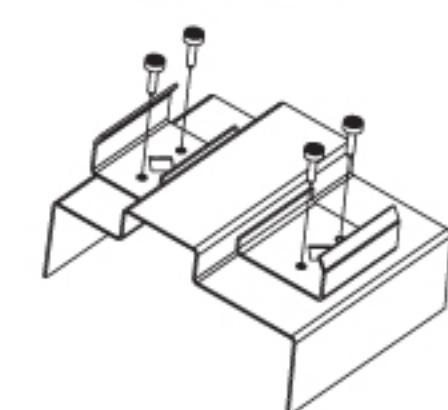
Paso 2

Posicione el ancón del languero de modo que la línea trazada se centralice en la ventanilla en forma de diamante y la pestaña hundida descance firmemente en contra del cierre del reborde de 1 3/4" (44.45) y 1 3/8" (34.925). (Figura 4)



Paso 3

Instale los tornillos como se demuestra. (Figura 5)



Instalación del Umbral

(Figura 1) Paso 1

Para la instalación de la ventanilla lateral; se requiere un umbral. Este debe de ser un 2x estándar cortado a el ancho neto de la pared.

(Ejemplo: ancho de la ventanilla lateral 18" [45.72cm]; ancho del umbral: 18" [45.72cm])

Instalación del Marco

Paso 1

Instale la manga de cabezal sobre la pared. (Fig. 4).



FIGURA 4

Paso 2

Instale la manga del cabezal inferior sobre el umbral.

Paso 3

Instale la manga del largueros sobre la pared (Fig. 5).



FIGURA 5

Paso 4

Posicione el poste del largueros (Fig. 6).

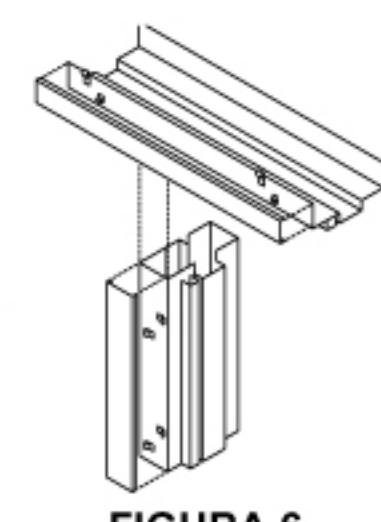


FIGURA 6

Paso 5

Hale el cabezal hacia abajo hasta que se sujeten con las secciones de largueros mediante las pestañas de alineamiento y encajando el poste del larguero firmemente al ancón. (Fig. 7).

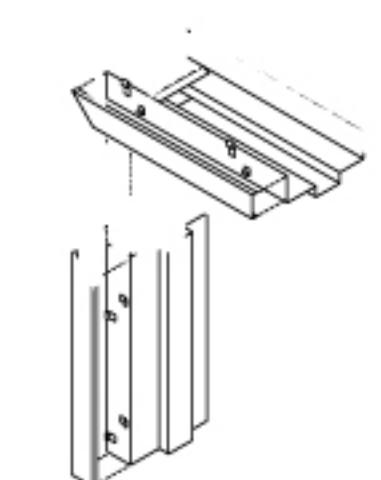


FIGURA 7

Paso 6

Con un tornillo auto penetrante conecte el sujetador de larguero a larguero (Fig. 8) en ambos lados.

Paso 7

Instale la puerta y verifique que este cuadrada.

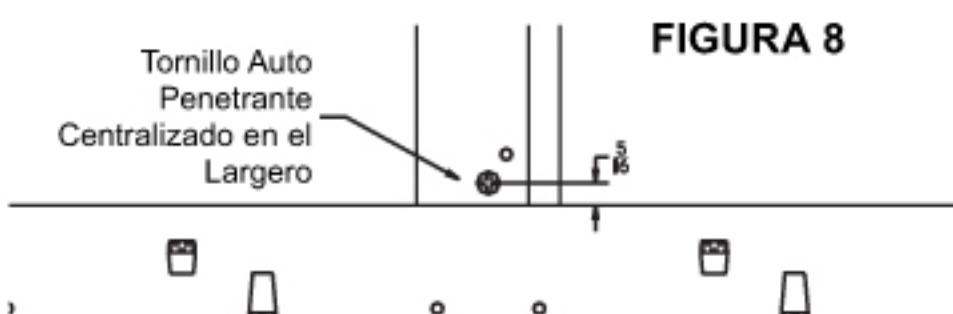


FIGURA 8

Instrucciones de Anclaje

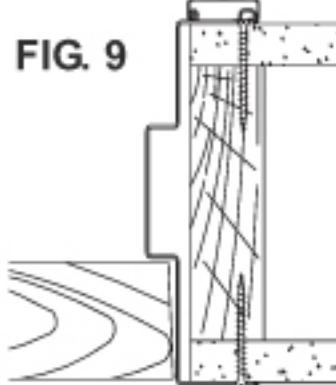


FIG. 9

Construcción de pared: (Fig. 9)
Postes de Madera y Pared de Piedra Seca

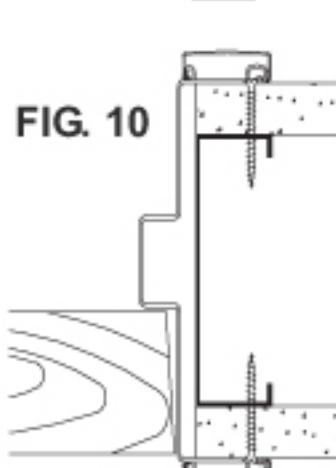


FIG. 10

Anclajes Recomendados para el Marco: 1-1/4" (31.75mm) Min. Tornillos para Pared de Piedra Seca, Estrías Separadas.

Construcción de Pared: (Fig. 10)
Postes de Acero y Pared de Piedra Seca

Anclaje recomendados para el Marco: 1-1/4" (31.75mm) (min.) Tipo "S" Auto penetrante de Cabeza Tipo Trompeta.

Ancle la unidad a la pared como sigue: (Fig. 11):

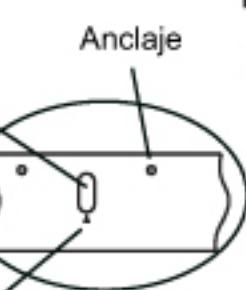
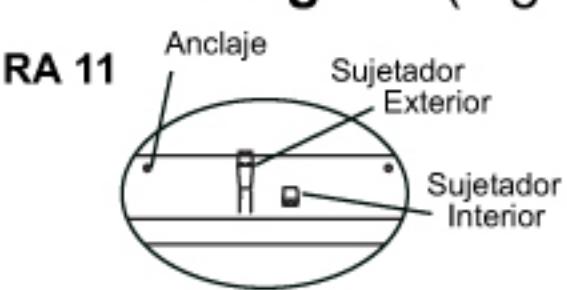


FIGURA 11

Aplicacion de Chambranas de Madera
(1) Sujetador Por Hueco de Clavo



Aplicacion de Chambranas de Acero,
Aluminio o S56 (1) Sujetador Por
Lanza/Abrazadera

Paso 1

Para Asegurar el Cabezal, asegure el cabezal arriba del larguero de bisagra y proceda al lado del larguero de cerradura. Aplique (1) sujetador por hueco de clavo. (Fig. 12)



FIGURA 12

Para asegurar el umbral, aplique un sujetador por hueco de clavo.

Paso 2

Para asegurar el larguero de bisagra, proceda hacia abajo desde la esquina superior del larguero de bisagra. Aplique (1) sujetador por hueco de clavo. (Fig. 12).

Paso 3

Para asegurar el larguero de vidrio, proceda hacia abajo desde la esquina del larguero de vidrio. Aplique (1) sujetador por hueco de clavo.

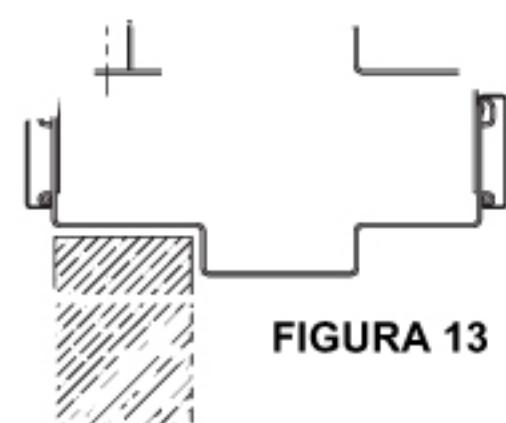


FIGURA 13

Para asegurar el larguero (vidrio), proceda hacia abajo desde la esquina del larguero de vidrio. Aplique (1) sujetador por hueco de clavo.

Paso 4

Instale el vidrio, vidriado y reborde del vidrio. (Fig. 13) Véase la tabla de clasificación de fuego para la aplicación del material de vidriado correcto. (pag. 4). (Fig. 14)

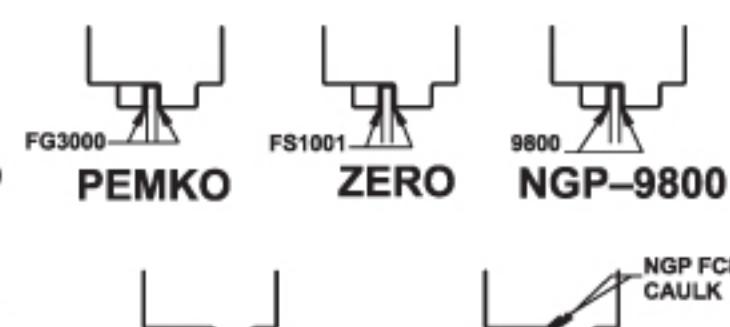


FIGURA 14

Paso 6

Aplique la chambrana tomando cuidado de engancharlo sobre el sujetador exterior, gire y enganche sobre el sujetador interior. No lo fuerce simultáneamente sobre ambas esquinas del sujetador. (Fig. 15, 16, 17)



FIGURA 15



FIGURA 16



FIGURA 17

Para remover la chambrana, utilice un destornillador común pequeño con punta plana o una espátula de esparcir pasta. Empiece en la parte de abajo de la chambrana de larguero de la parte de adentro de marco. Suavemente inserte la punta del destornillador hacia arriba del chambrana hasta el primer corte de lanza. Rote el destornillador en dirección en contra de las manecillas del reloj. El chambrana se desprenderá de adentro de la curva de la lanza. Repita este procedimiento con los cortes de lanza restantes. Después que todos los cortes de lanza interiores hayan sido despegados, suavemente saque el chambrana de abajo del corte de lanza **exterior** y remueva.

CLASIFICACIONES DE FUEGO

CONJUNTO DE VENTANILLA LATERAL TRAGALUZ 45 MINUTOS (1-3/4" [44.45 cm] PUERTAS) UL 10B (PRESION NEUTRAL) and UL 10C (PRESION POSITIVA)

TAMAÑO MAXIMO DE CONJUNTO: 10' X 10' (304.8 cm x 304.8 cm)

CLASIFICACION	TAMAÑO PARED MIN	ANCHO MAX VIDRIO	ALTO MAX VIDRIO	CALIBRE DE MARCO	DE TIPO VIDRIO	PRUEBE el ESTANDAR	TAMAÑO MAX DE PUERTA	MATERIAL DE VIDRIADO	TAMAÑO MAX DEL CONJUNTO
45 min.	3-1/2" (8.89 cm)	24" (60.96 cm)	106" (269.24 cm)	18 or 20	Wire	Neutral	3'0" x 9'0" (91.44 x 274.32 cm)	Not Required	10'0" x 10'0" (304.8 cm x 304.8 cm)
45 min.	3-1/2" (8.89 cm)	36" (91.44 cm)	36" (91.44 cm)	18 or 20	Wire	Neutral	3'0" x 9'0" (91.44 x 274.32 cm)	Not Required	10'0" x 10'0" (304.8 cm x 304.8 cm)
45 min.	3-1/2" (8.89 cm)	36" (91.44 cm)	94" (238.76 cm)	18 or 20	Ceramic	Neutral	3'0" x 9'0" (91.44 x 274.32 cm)	Listed	10'0" x 10'0" (304.8 cm x 304.8 cm)
45 min.	3-1/2" (8.89 cm)	24" (60.96 cm)	106" (269.24 cm)	18 or 20	Wire	Positive	3'0" x 9'0" (91.44 x 274.32 cm)	Listed	10'0" x 10'0" (304.8 cm x 304.8 cm)
45 min.	3-1/2" (8.89 cm)	36" (91.44 cm)	94" (238.76 cm)	18 or 20	Ceramic	Positive	3'0" x 9'0" (91.44 x 274.32 cm)	Listed	10'0" x 10'0" (304.8 cm x 304.8 cm)



GARANTIA

La garantía de marcos de acero manufacturados por la División de Productos Rediframe garantiza al comprador consumidor original que el producto estará libre de defectos en material o mano de obra por un periodo de un año desde la fecha de compra.

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CUALQUIER Y TODAS LAS GARANTIAS IMPLICADAS QUE APLIQUEN SON LIMITADAS A UN (1) AÑO DESDE LA FECHA DE COMPRA.

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Todos los incrementos se enseñan en paréntesis milímetros a menos que se indique. Dimensiones imperiales y métricas puede que no sean equivalentes.

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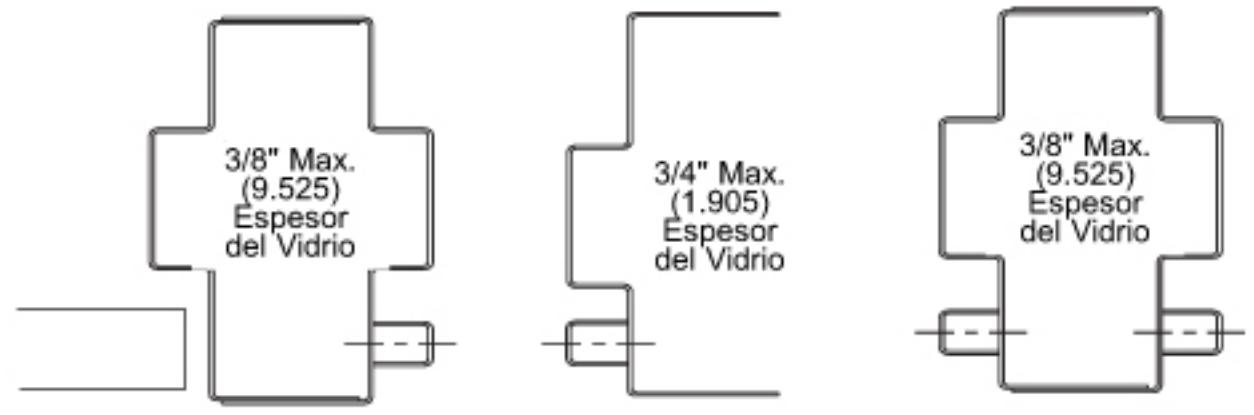
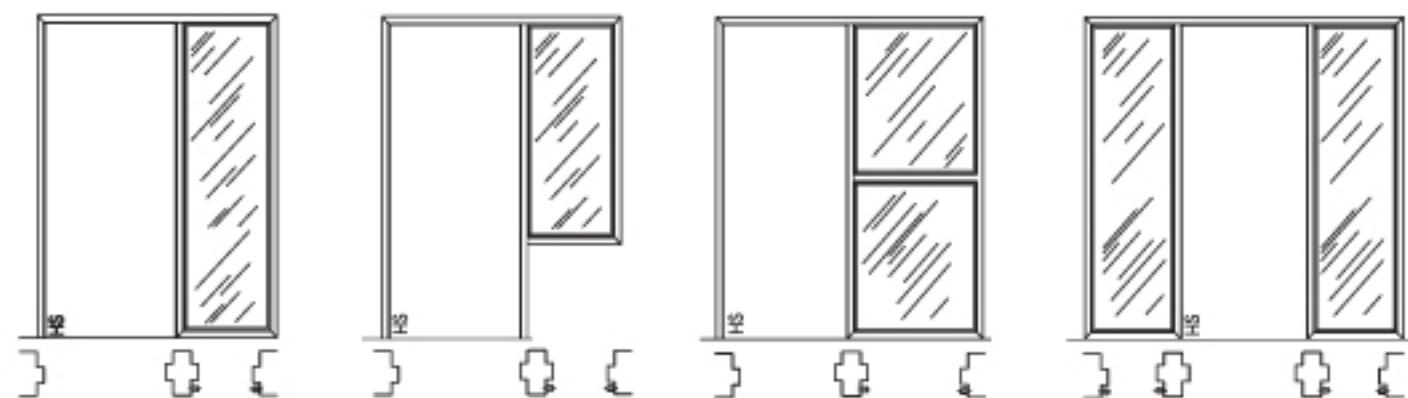
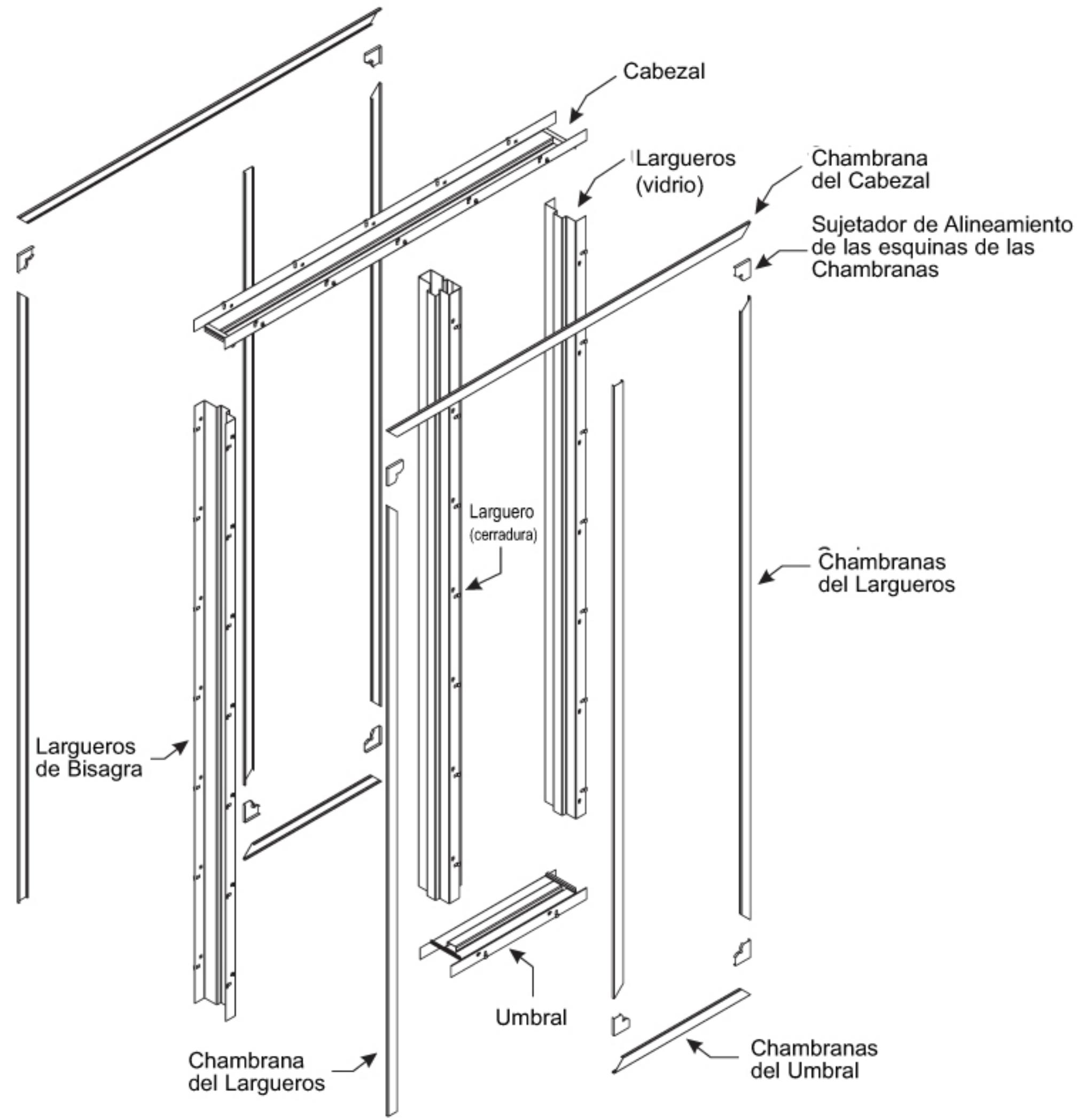
Door Frames



DUNBARTON

REDIFRAME™

PROCEDIMIENTO DE INSTALACION DE VENTANILLA LATERAL



REDIFRAME™

Door Frames



ACHIEVER™

Entry Systems

For over Fifty Years DUNBARTON Door and Entry Systems has been an innovative influence in the industry by pushing new ideas, improving production capabilities and inventing new building solutions. DUNBARTON Door and Entry Systems has worked to make a positive change in our industry in the way that architects and builders think of doors and frames.

With this, DUNBARTON Door and Entry Systems, proudly combines its AtHome® steel or fiberglass doors with your choice of frames: Rediflex®, the most trusted name for adjustable steel door frames in the business, or primed wood frames (stain grade available, also). The result is Achiever™ Door Entry Systems, an innovative entry solution that is as secure as it is beautiful.

Achiever™ Steel and Fiberglass Door Entry Systems are available in factory-finish colors or prime. Custom colors are available!



Achiever™ Entry Systems offer beauty, security, and durability.

Achiever™ Entry Systems with Rediflex® steel frames are available non-rated or with a 20- or 90-minute fire rating. Achiever with wood frame jambs are available non-rated or with a 20-minute fire rating. AtHome™ Steel doors are offered in a white prime finish, or pre-finished for fast on-site installation. AtHome™ Fiberglass doors are available with a smooth skin for painting or woodgrain texture for staining (select styles). Factory finishing is available.

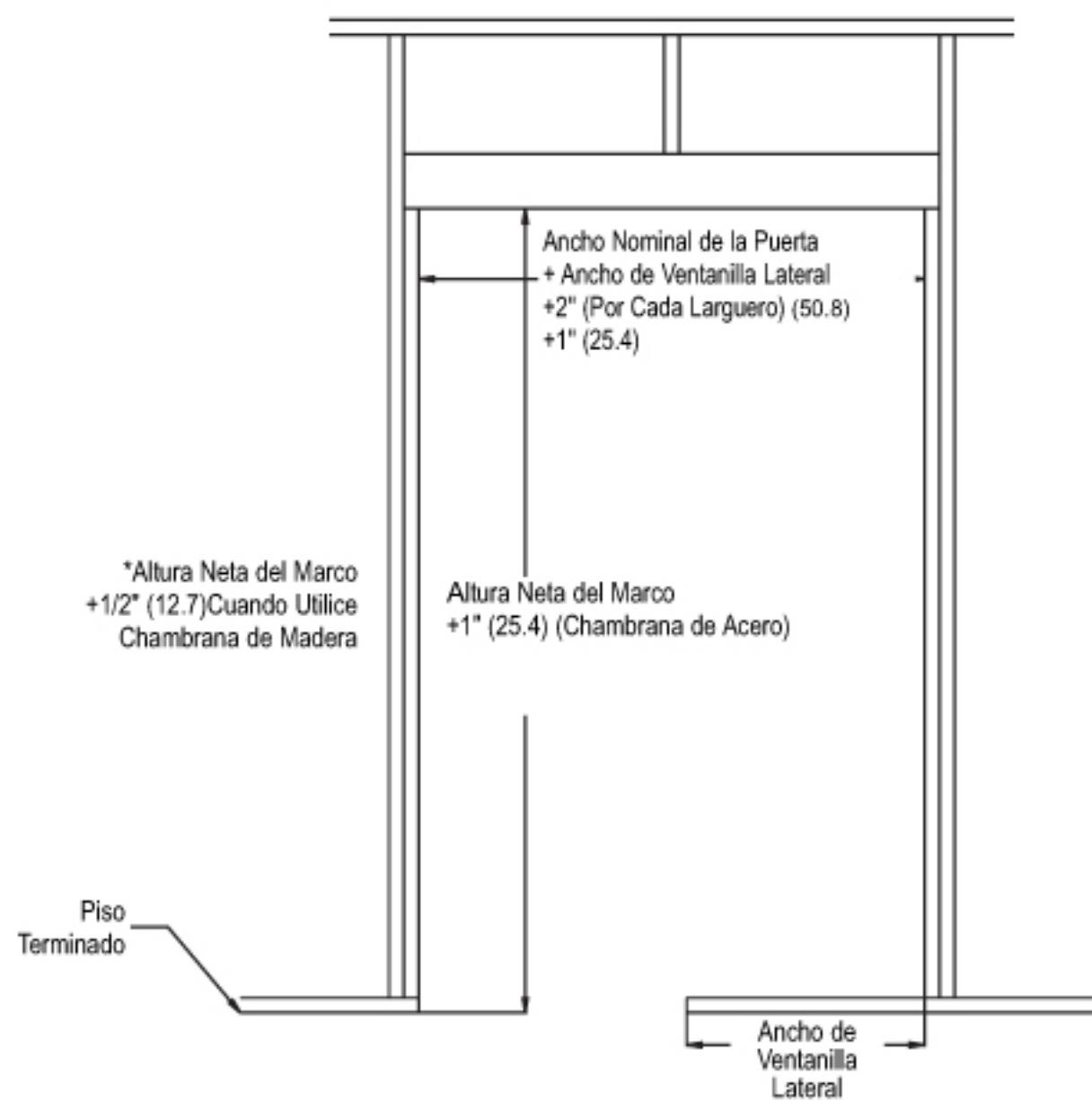
Achiever Entry Systems are engineered to secure your confidence!

Exterior and Interior

*Light Commercial /
Residential / Multi-Family
Offices
Condominiums
Hospitality
Assisted Living
Dormitories
Public Housing*

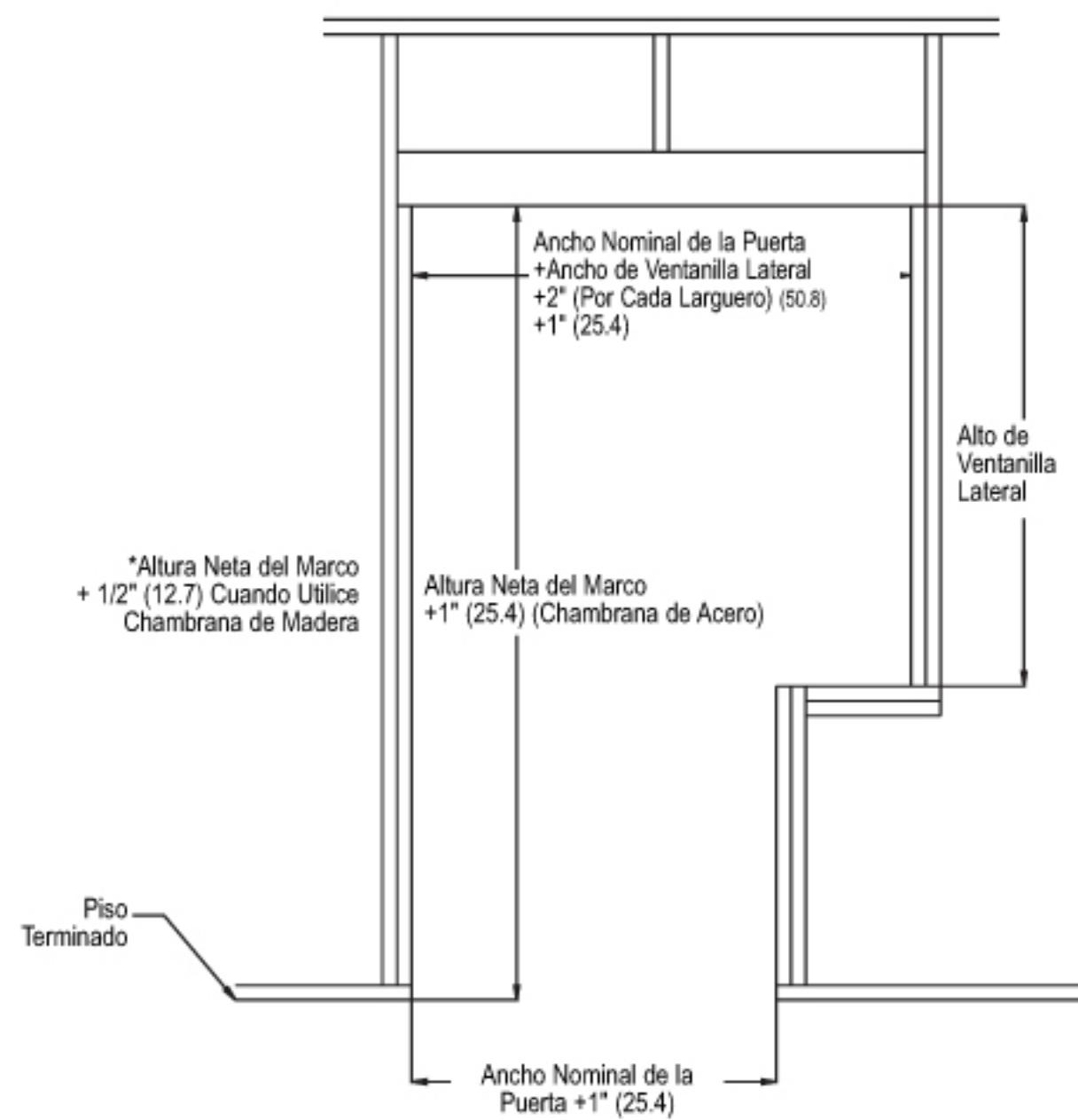
ANTES DE EMPEZAR

FAVOR DE SEGUIR TODAS LAS INSTRUCCIONES Y UTILIZAR EQUIPO DE PROTECCIÓN DE OJOS CUANDO INSTALE UN SISTEMA DE PUERTAS. FAVOR DE LEER COMPLETAMENTE LAS INSTRUCCIONES.



Abertura Bruta de la Ventanilla Lateral

FIGURA 1



Abertura Bruta Parcial de la Ventanilla Lateral

ABERTURA BRUTA

(Figura 1) Paso 1

Verifique que la abertura este a plomo, cuadrada y nivelada. Para determinar la abertura bruta, añada el ancho de la puerta al ancho de la lama de cristal y añada 3 pulgadas para el ancho bruto de la abertura.

(Ejemplo: 36" (91.44cm) + 2" (5.08cm) [languero] + 18" (45.72cm) + 1" (2.54cm) = 57" (144.78cm) ancho. (Fig. 2)

Paso 2

Añada 1" a la altura neta del marco para la altura bruta de la abertura.

(Ejemplo: 80" (203.2cm) + 1" (2.54cm) = 81" (205.74cm) altura)

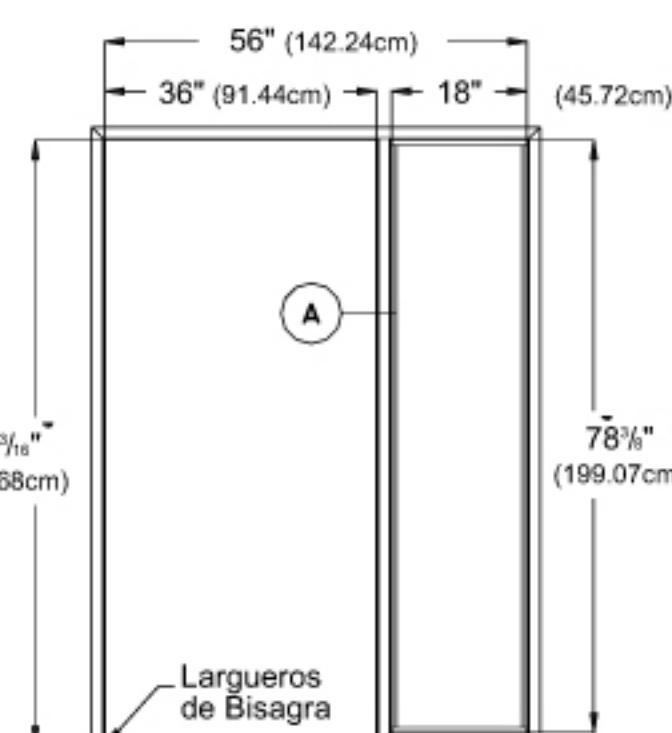


FIGURA 2

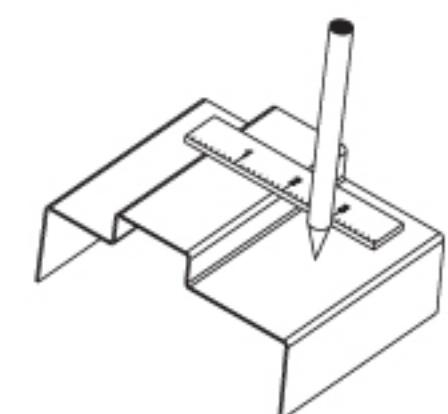
Paso 3

Instale el umbral al piso junto al poste del lado del languero del vidrio.

Instalación del Sujetador del Languero

Paso 1

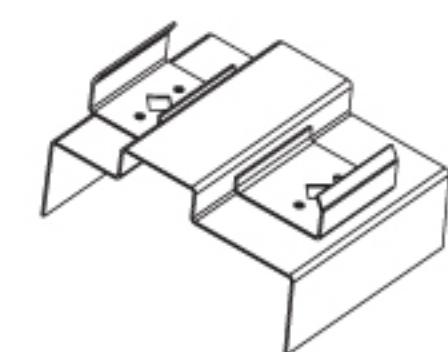
Determine la línea central del languero y trace una línea a lo largo del cierre de la puerta. (Figura 3)



Importante: Todas las medidas deben ser hechas del mismo extremo de las secciones del marco en la posición instalada.

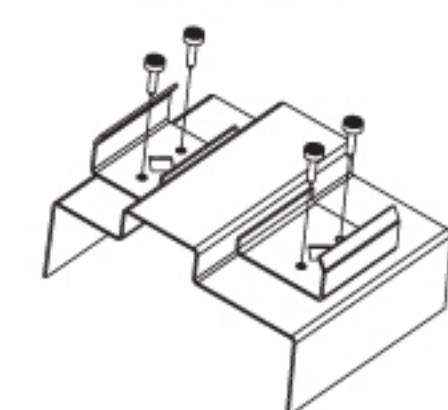
Paso 2

Posicione el ancón del languero de modo que la línea trazada se centralice en la ventanilla en forma de diamante y la pestaña hundida descance firmemente en contra del cierre del reborde de 1 3/4" (44.45) y 1 3/8" (34.925). (Figura 4)



Paso 3

Instale los tornillos como se demuestra. (Figura 5)



Instalación del Umbral

(Figura 1) Paso 1

Para la instalación de la ventanilla lateral; se requiere un umbral. Este debe de ser un 2x estándar cortado a el ancho neto de la pared.

(Ejemplo: ancho de la ventanilla lateral 18" [45.72cm]; ancho del umbral: 18" [45.72cm])

Instalación del Marco

Paso 1

Instale la manga de cabezal sobre la pared. (Fig. 4).



FIGURA 4

Paso 2

Instale la manga del cabezal inferior sobre el umbral.

Paso 3

Instale la manga del largueros sobre la pared (Fig. 5).



FIGURA 5

Paso 4

Posicione el poste del largueros (Fig. 6).

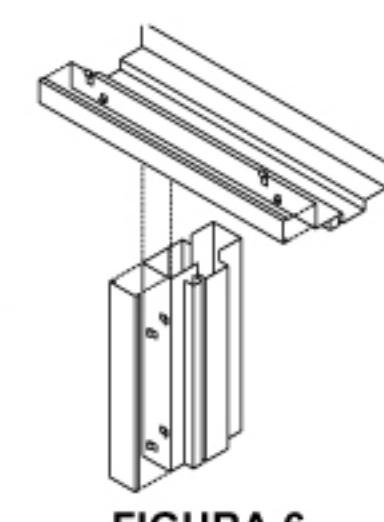


FIGURA 6

Paso 5

Hale el cabezal hacia abajo hasta que se sujeten con las secciones de largueros mediante las pestañas de alineamiento y encajando el poste del larguero firmemente al ancón. (Fig. 7).

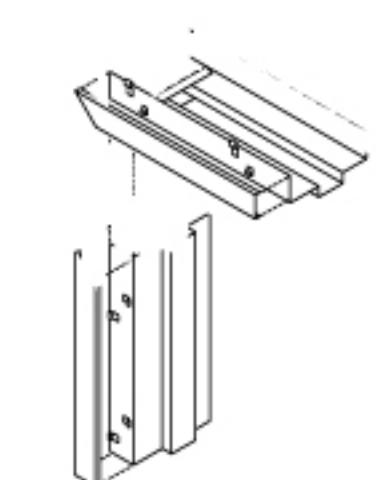


FIGURA 7

Paso 6

Con un tornillo auto penetrante conecte el sujetador de larguero a larguero (Fig. 8) en ambos lados.

Paso 7

Instale la puerta y verifique que este cuadrada.

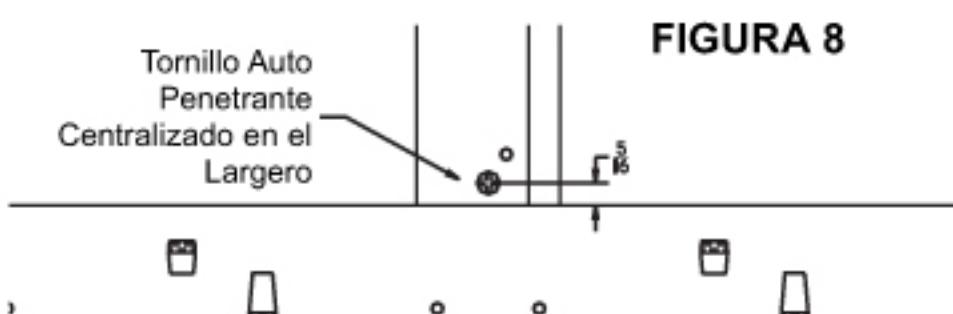


FIGURA 8

Instrucciones de Anclaje

Construcción de pared: (Fig. 9)

Postes de Madera y Pared de Piedra Seca

Anclajes Recomendados para el Marco: 1-1/4" (31.75mm) Min. Tornillos para Pared de Piedra Seca, Estrías Separadas.



Construcción de Pared: (Fig. 10)

Postes de Acero y Pared de Piedra Seca

Anclaje recomendados para el Marco: 1-1/4" (31.75mm) (min.) Tipo "S" Auto penetrante de Cabeza Tipo Trompeta.

Ancle la unidad a la pared como sigue: (Fig. 11):



FIGURA 11



Aplicacion de Chambranas de Acero, Aluminio o S56 (1) Sujetador Por Lanza/Abrazadera

Paso 1

Para Asegurar el Cabezal, asegure el cabezal arriba del larguero de bisagra y proceda al lado del larguero de cerradura. Aplique (1) sujetador por hueco de clavo. (Fig. 12)



FIGURA 12

Para asegurar el umbral, aplique un sujetador por hueco de clavo.

Paso 2

Para asegurar el larguero de bisagra, proceda hacia abajo desde la esquina superior del larguero de bisagra. Aplique (1) sujetador por hueco de clavo. (Fig. 12).

Paso 3

Para asegurar el larguero de vidrio, proceda hacia abajo desde la esquina del larguero de vidrio. Aplique (1) sujetador por hueco de clavo.

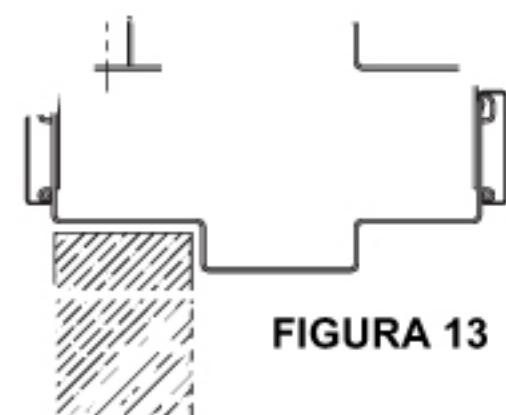


FIGURA 13

Para asegurar el larguero (vidrio), proceda hacia abajo desde la esquina del larguero de vidrio. Aplique (1) sujetador por hueco de clavo.

Paso 4

Instale el vidrio, vidriado y reborde del vidrio.

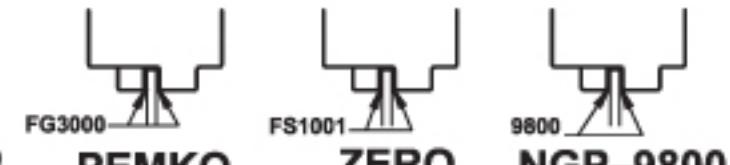
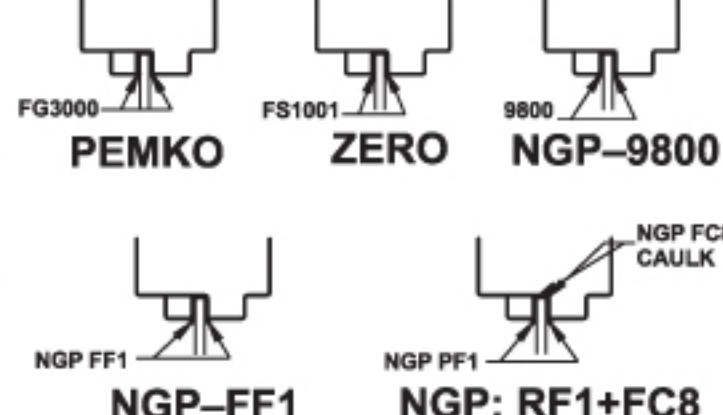


FIGURA 14

(Fig. 13) Véase la tabla de clasificación de fuego para la aplicación del material de vidriado correcto. (pag. 4). (Fig. 14)



Paso 6

Aplique la chambrana tomando cuidado de engancharlo sobre el sujetador exterior, gire y enganche sobre el sujetador interior. No lo fuerce simultáneamente sobre ambas esquinas del sujetador. (Fig. 15, 16, 17)



FIGURA 15



FIGURA 16



FIGURA 17

Para remover la chambrana, utilice un destornillador común pequeño con punta plana o una espátula de esparcir pasta. Empiece en la parte de abajo de la chambrana de larguero de la parte de adentro de marco. Suavemente inserte la punta del destornillador hacia arriba del chambrana hasta el primer corte de lanza. Rote el destornillador en dirección en contra de las manecillas del reloj. El chambrana se desprenderá de adentro de la curva de la lanza. Repita este procedimiento con los cortes de lanza restantes. Después que todos los cortes de lanza interiores hayan sido despegados, suavemente saque el chambrana de abajo del corte de lanza **exterior** y remueva.

CLASIFICACIONES DE FUEGO

CONJUNTO DE VENTANILLA LATERAL TRAGALUZ 45 MINUTOS (1-3/4" [44.45 cm] PUERTAS) UL 10B (PRESION NEUTRAL) and UL 10C (PRESION POSITIVA)

TAMAÑO MAXIMO DE CONJUNTO: 10' X 10' (304.8 cm x 304.8 cm)

CLASIFICACION	TAMAÑO PARED MIN	ANCHO MAX VIDRIO	ALTO MAX VIDRIO	CALIBRE DE MARCO	DE TIPO VIDRIO	PRUEBE el ESTANDAR	TAMAÑO MAX DE PUERTA	MATERIAL DE VIDRIADO	TAMAÑO MAX DEL CONJUNTO
45 min.	3-1/2" (8.89 cm)	24" (60.96 cm)	106" (269.24 cm)	18 or 20	Wire	Neutral	3'0" x 9'0" (91.44 x 274.32 cm)	Not Required	10'0" x 10'0" (304.8 cm x 304.8 cm)
45 min.	3-1/2" (8.89 cm)	36" (91.44 cm)	36" (91.44 cm)	18 or 20	Wire	Neutral	3'0" x 9'0" (91.44 x 274.32 cm)	Not Required	10'0" x 10'0" (304.8 cm x 304.8 cm)
45 min.	3-1/2" (8.89 cm)	36" (91.44 cm)	94" (238.76 cm)	18 or 20	Ceramic	Neutral	3'0" x 9'0" (91.44 x 274.32 cm)	Listed	10'0" x 10'0" (304.8 cm x 304.8 cm)
45 min.	3-1/2" (8.89 cm)	24" (60.96 cm)	106" (269.24 cm)	18 or 20	Wire	Positive	3'0" x 9'0" (91.44 x 274.32 cm)	Listed	10'0" x 10'0" (304.8 cm x 304.8 cm)
45 min.	3-1/2" (8.89 cm)	36" (91.44 cm)	94" (238.76 cm)	18 or 20	Ceramic	Positive	3'0" x 9'0" (91.44 x 274.32 cm)	Listed	10'0" x 10'0" (304.8 cm x 304.8 cm)



GARANTIA

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Todos los incrementos se enseñan en paréntesis milímetros a menos que se indique. Dimensiones imperiales y métricas puede que no sean equivalentes.

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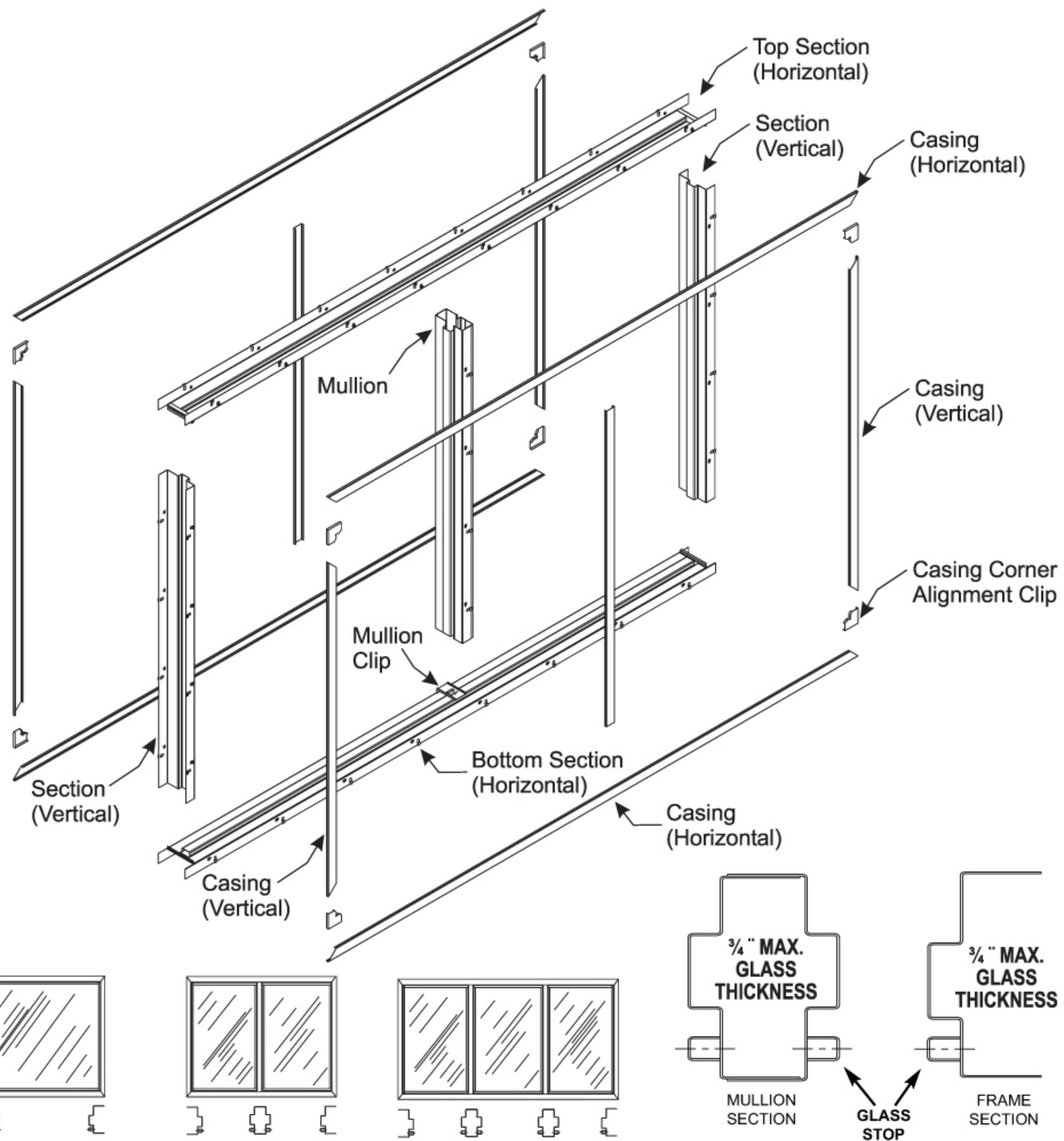
Door Frames



DUNBARTON

REDIFRAME™

BORROWED LITE INSTALLATION PROCEDURE



DUNBARTON

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Door Frames

BEFORE YOU BEGIN

PLEASE FOLLOW ALL INSTRUCTIONS AND ALWAYS USE
PROTECTIVE EYEWEAR WHEN INSTALLING A DOOR SYSTEM.
PLEASE READ INSTRUCTIONS COMPLETELY.

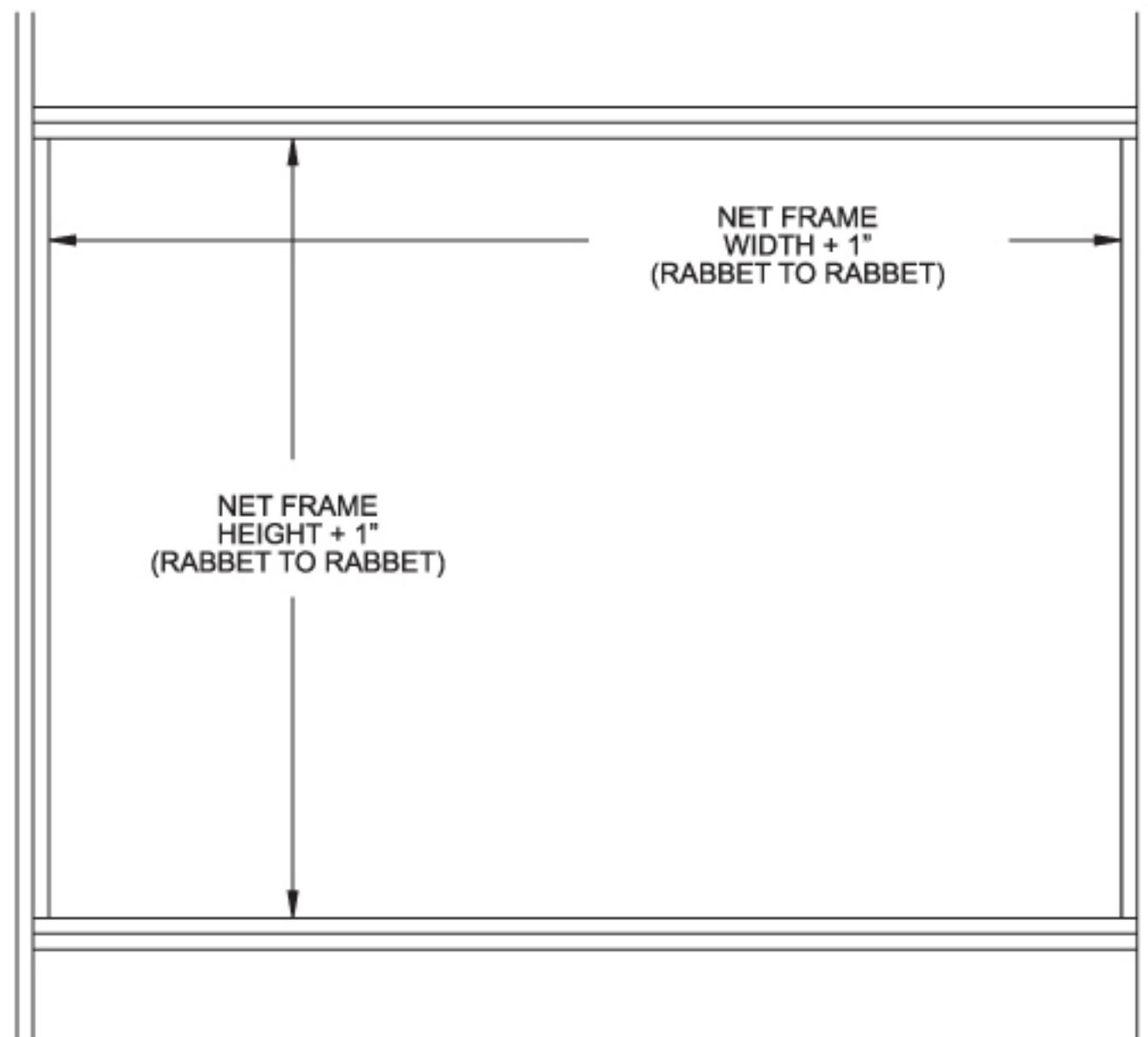


FIGURE 1

BORROWED LITE ROUGH OPENING

Rough Opening

(Figure 1)

Step 1

Verify that the opening is plumb, square and level.

Vertical Mullion:

Add 1" (once only) to total of the combined glass sizes in width. Then add 2" more for each mullion used. Add 1" to height of glass size.

(Example: 36"+36"+2" [mullion] + 1" = 75" W; 48"+1" = 49" H.) (Figure 2)

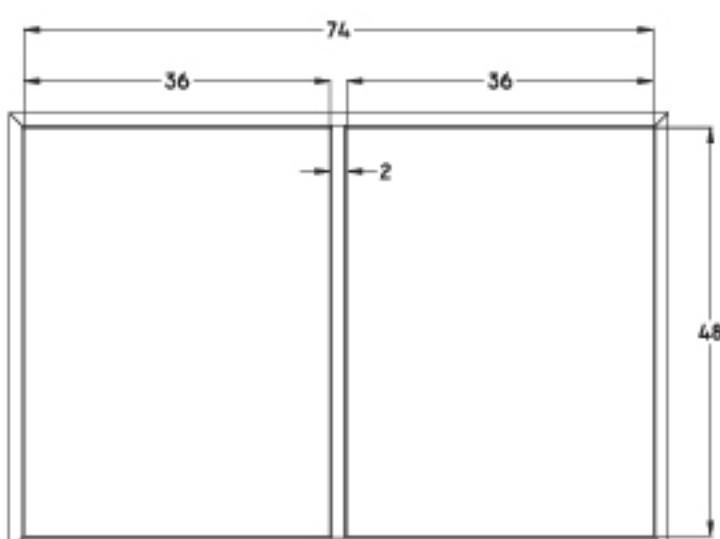


FIGURE 2

Mullion Clip Installation

Step 1

Select frame members that will receive mullion brackets (head and sill). Determine center line of mullion and scribe a line across the rabbets. (Figure 3)

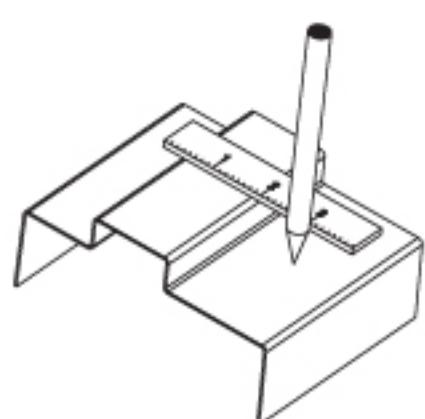


FIGURE 3

Important: All measurements should be made from the same end of the frame

sections in the installed position.

Step 2

Position mullion bracket so scribe line centers in diamond window and the depressed tab rests firmly against the stop on the 1-3/4" and 1-3/8" rabbets. (Figure 4)

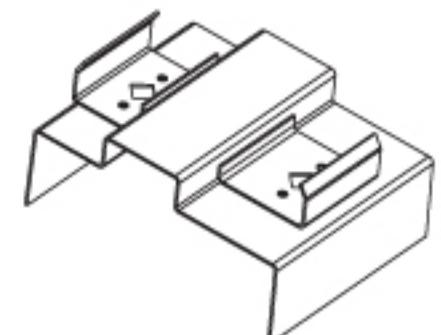


FIGURE 4

Step 3

Install screws as shown. (Figure 5)

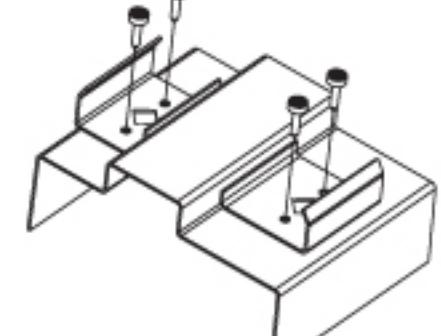


FIGURE 5

Installation of Frame

Step 1

Sleeve both top and bottom horizontal sections over wall. (Figure 6)



FIGURE 6

Step 2

Sleeve vertical members over wall. (Figure 7)



FIGURE 7

Step 3

Bring together all vertical sections

with bottom horizontal section (Figure 8), locking them together with alignment tabs and fitting the mullion post firmly on to the bottom mullion bracket.

Step 4

Pull top horizontal section down to interlock with alignment tabs at sides and with mullion post. (Figure 9)

Step 5

Check for square inside corners and proceed to fasten unit to wall (See Fastening Instructions below).

Step 6

With a self-tapping screw, attach mullion to mullion clip (Figure 10) on both sides.

Fastening Instructions

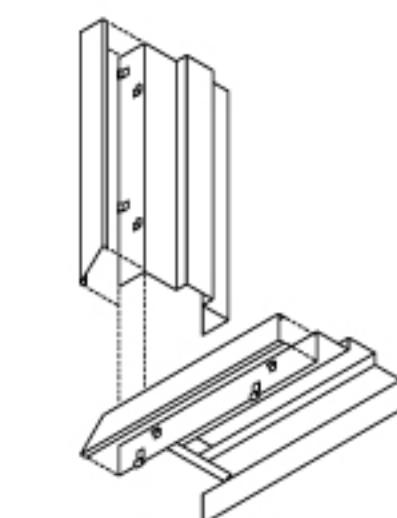


FIGURE 8

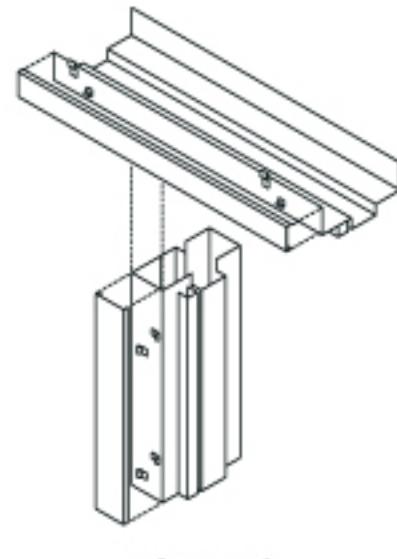


FIGURE 9

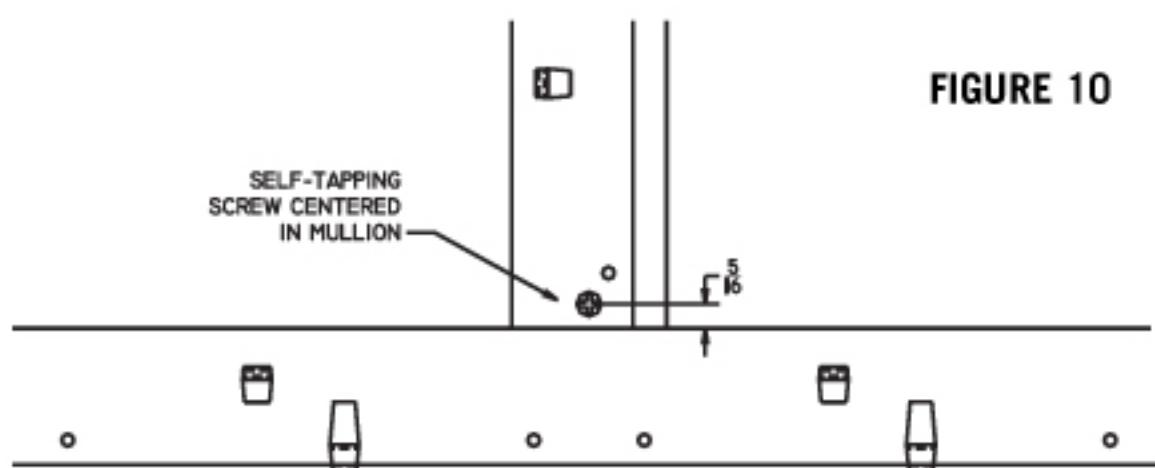


FIGURE 10

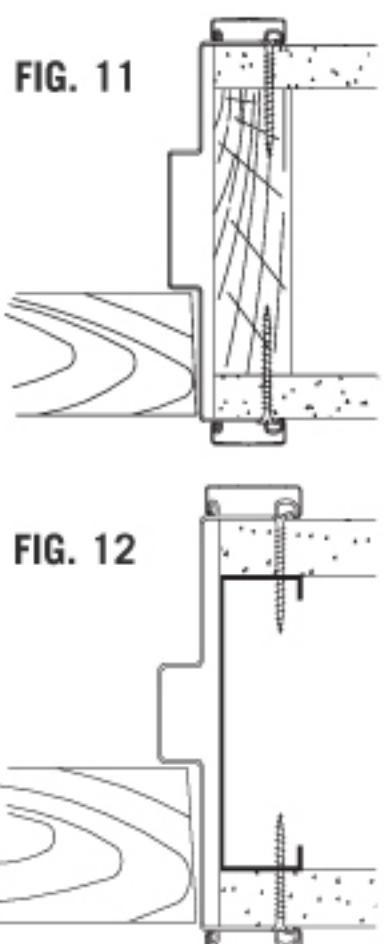


FIG. 11

Wall Construction: (Figure 11)
Wood Studs & Drywall

Recommended Frame Fasteners:
1-1/4" Min. Drywall Screws, Coarse Thread

Steel Studs: (Figure 12)

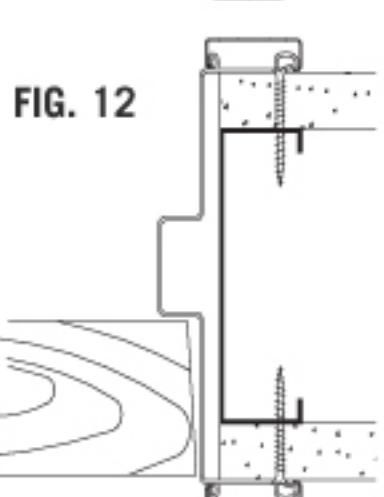


FIG. 12

Wall Construction: (Figure 12)
Metal Studs & Drywall

Recommended Frame Fasteners:
1-1/4" (min.) Type "S" Bugle Head Self-Tapping Screws

Fasten unit to wall as follows (Figure 13):

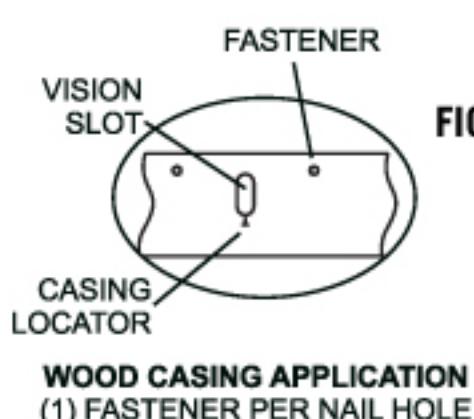
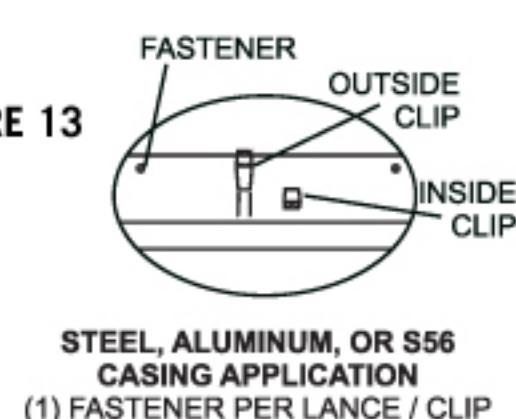


FIGURE 13



STEEL, ALUMINUM, OR S56
CASING APPLICATION
(1) FASTENER PER LANCE / CLIP

Step 1

To secure horizontal sections, apply one (1) fastener per lance / nail hole. (Figure 13/13a)



FIGURE 13a

Step 2

To secure vertical sections, apply one (1) fastener per lance / nail hole (Figure 13/13a).

Step 3

Install glass, glazing, and glass stop. (Figure 14)

See Fire Rating Chart for correct glazing material application (pg. 4). (Figure 15)



FIGURE 14

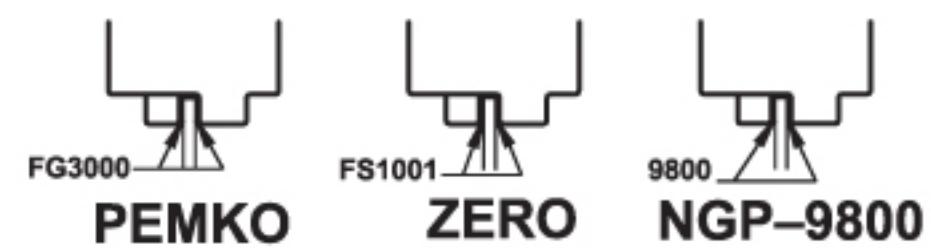


FIGURE 15

Step 4

Apply trim, taking care to hook over outside clip roll and snap over the inside clip. Do not force over both ends of clip simultaneously (Figures 16, 17 & 18).



FIGURE 16



FIGURE 17



FIGURE 18

To remove casing, use a small common screwdriver with a flat edge or a stiff putty knife. Start at the bottom of the upright casing on the **inside** of the frame. Gently insert the edge of the screwdriver between the casing and the leg of the frame. Slowly work the screwdriver up the casing to the first lance. Rotate the screwdriver in a counterclockwise motion; the casing will pop off the inside curl of the lance. Repeat this procedure with remaining lances. After all inside lances have been cleared, gently ease the casing from under the **outside** lance curl and remove.

FIRE RATINGS

45- AND 60-MINUTE FIRE WINDOW FRAMES UL 10B (NEUTRAL PRESSURE) AND UL 10C (POSITIVE PRESSURE)

RATING	MINIMUM WALL SIZE	MAXIMUM GLASS WIDTH	MAXIMUM GLASS HEIGHT	FRAME GAUGE	GLASS TYPE	TEST STANDARD	GLAZING MATERIAL	MAX. ASSEMBLY SIZE
45 min.	3-1/2"	24"	106"	18 or 20	Wire	Neutral	Not Required	10'0" x 10'0"
45 min.	3-1/2"	36"	36"	18 or 20	Wire	Neutral	Not Required	10'0" x 10'0"
60 min.	3-1/2"	36"	36"	18 or 20	Wire	Neutral	Listed	9'4" x 3'0"
45 min.	3-1/2"	24"	106"	18 or 20	Wire	Positive	Listed	10'0" x 10'0"
45 min.	3-1/2"	36"	94"	18 or 20	Ceramic	Positive	Listed	10'0" x 10'0"



WARRANTY

The Warranty for Steel Frames manufactured by REDIFRAME® PRODUCTS DIVISION is to the original consumer purchaser to be free from defects in material and workmanship for a period of one (1) year from the date of purchase.

This warranty is applicable only when the product(s) covered by it have been installed in accordance with the recommended written installation instructions of REDIFRAME® PRODUCTS DIVISION and with established building practices, have been accorded treatment which is considered good practice in the building industry regarding storage and maintenance, and have been subject only to normal use. Because REDIFRAME® PRODUCTS DIVISION cannot control the manner in which its products are handled after leaving its premises, this warranty does not apply to the finish or accessories of any product.

ANY AND ALL IMPLIED WARRANTIES HERETO ARE LIMITED TO ONE (1) YEAR FROM THE DATE OF PURCHASE.

Some states do not allow limitations on how long an implied warranty lasts, so the above limitations may not apply to you. In

the event the original consumer purchaser of any REDIFRAME® product believes that the frame or any parts thereof covered by this warranty are defective, a letter outlining the alleged defect should be sent postage prepaid to the following address:

**REDIFRAME PRODUCTS DIVISION
Division of the Dunbarton Corporation
P.O. Box 8577 Dothan, Alabama 36304-0577**

Any REDIFRAME® Products Steel Frame, or any parts thereof covered by this warranty which, upon inspection by an authorized representative of REDIFRAME® PRODUCTS DIVISION, are found by said representative to be defective will be repaired, replace, or at the option of REDIFRAME® PRODUCTS DIVISION, the purchase price of the frame or part will be refunded and does not include labor, installation costs, finishing costs, or indirect or consequential damages of any nature. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.



REDIFRAME™

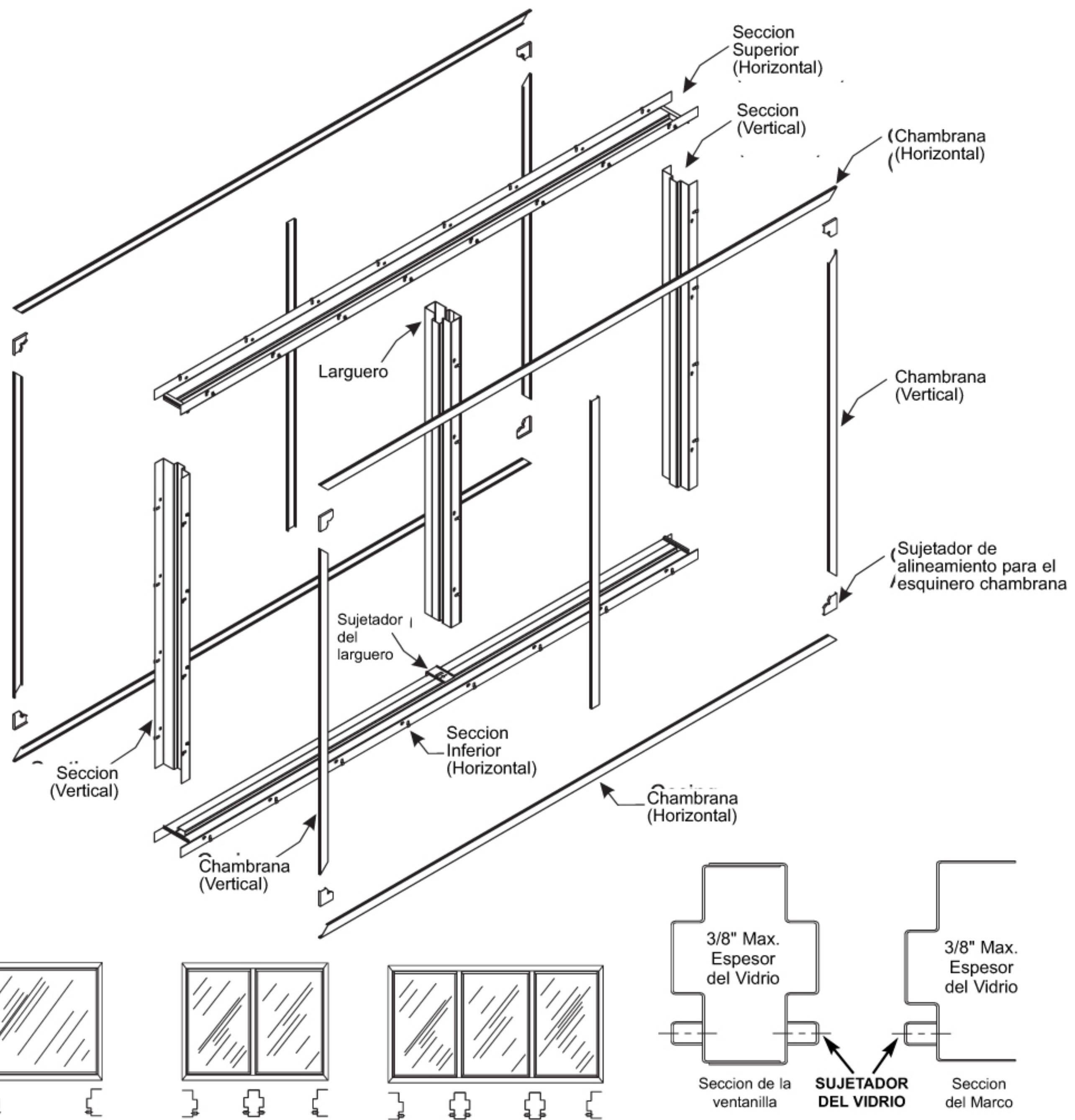
Door Frames



DUNBARTON

REDIFRAME™

PROCEDIMIENTO PARA LA INSTALACION DE VENTANILLA



DUNBARTON

REDIFRAME™

Door Frames

ANTES DE COMENZAR

FAVOR DE SIEMPRE SEGUIR TODAS LAS INSTRUCCIONES Y SIEMPRE USE PROTECCION PARA SUS OJOS CUANDO ESTE INSTALANDO UN SISTEMA DE PUERTAS. FAVOR DE LEER COMPLETAMENTE TODAS LAS INSTRUCCIONES.

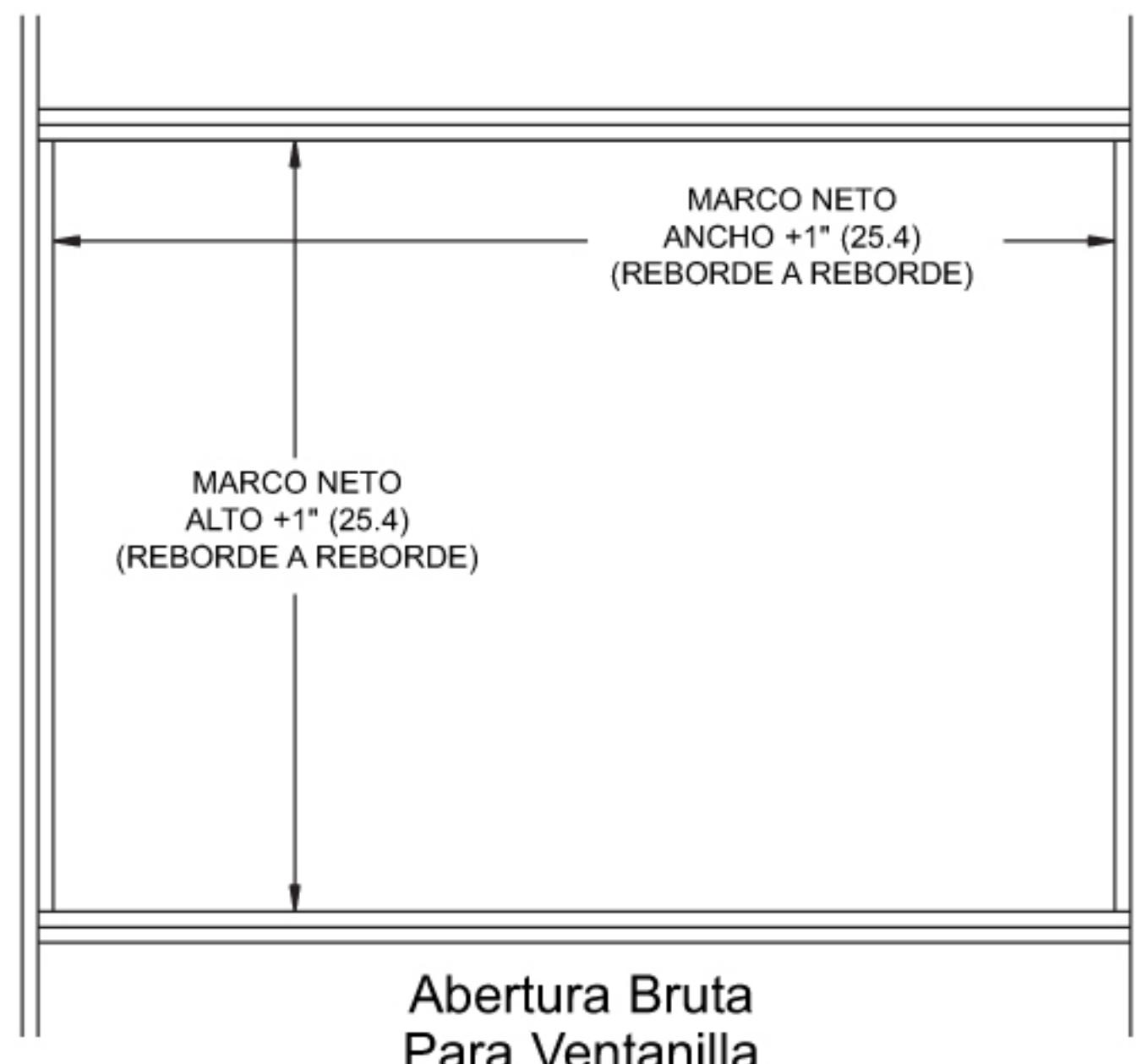


FIGURA 1

Abertura Bruta

(Figura 1)

Paso 1

Verifique que la abertura este a plomo, cuadrada y nivelada.

Laguero Vertical:

Añada 1" (25.4) (una vez solamente) al total combinado de los tamaños del ancho del cristal. Entonces añada 2" (50.8) mas por cada larguero utilizado. Añada 1" (25.4) al alto del tamaño del cristal. (Ejemplo: 36" [914.4] + 36" [914.4] + 2" [50.8] [languero] +1" [25.4] = 75" [1905] ancho; 48" [1219.2] + 1" [25.4] = 49" [1244.6] alto) (Figura 2)

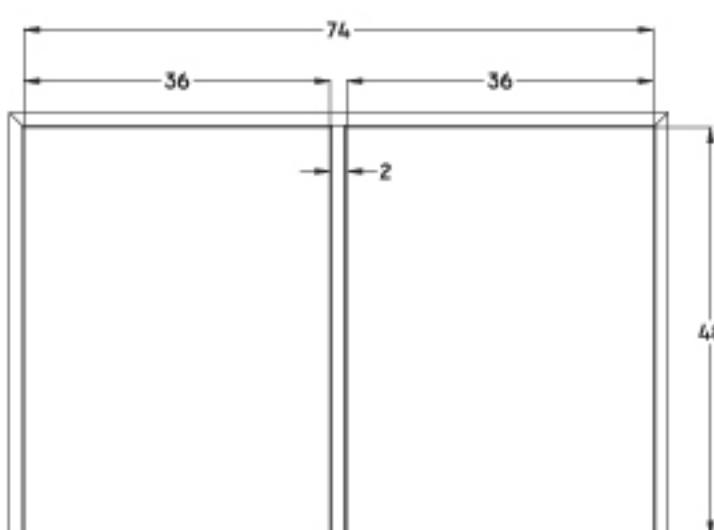


FIGURA 2

Instalación del Sujetador del Languero

Paso 1

Seleccione los miembros del marco a donde se instalarán los ancones del languero (cabezal y umbral). Determine el centro del languero y trace una línea a lo largo del reborde. (Figura 3)

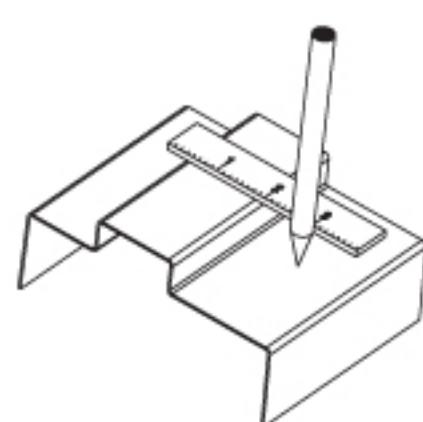


FIGURA 3

Importante: Todas las medidas deben ser hechas del mismo extremo de las secciones del marco en la posición instalada.

Paso 2

Posicione el ancón del languero de modo que la línea trazada se centralice en la ventanilla en forma de diamante y la pestaña hundida descance firmemente en contra del cierre del reborde de 1-3/4" (44.45) y 1-3/8" (34.925). (Figura 4)

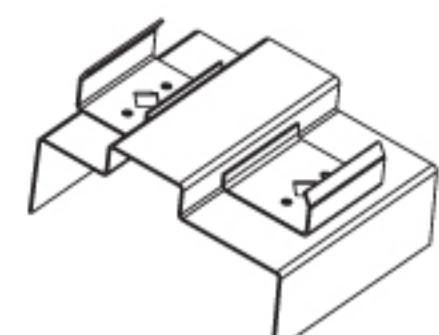


FIGURA 4

Paso 3

Instale los tornillos como se demuestra. (Figura 5)

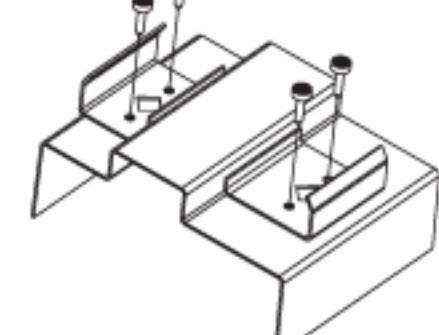


FIGURA 5

Instalación del Marco

Paso 1

Instale la manga de ambas secciones horizontales superior e inferior sobre la pared. (Figura 6)



FIGURA 6

Paso 2

Instale la manga de los miembros verticales sobre la pared. (Figura 7)



FIGURA 7

Paso 3

Una todas las secciones verticales con la sección horizontal inferior (Figura 8), hasta que se sujeten con las pestañas de alineamiento y encajando el poste del languero firmemente al ancón.

Paso 4

Hale la sección superior horizontal hacia abajo hasta que encaje con las pestañas de alineamiento de los lados y con los postes del larguero. (Figura 9)

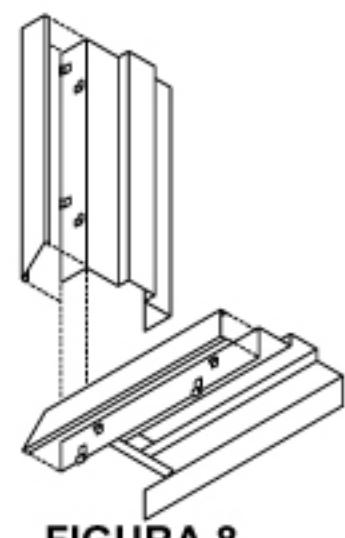


FIGURA 8

Paso 5

Verifique que las esquinas interiores estén cuadradas y proceda a fijar la unidad a la pared. (Vea las instrucciones para fijar abajo)

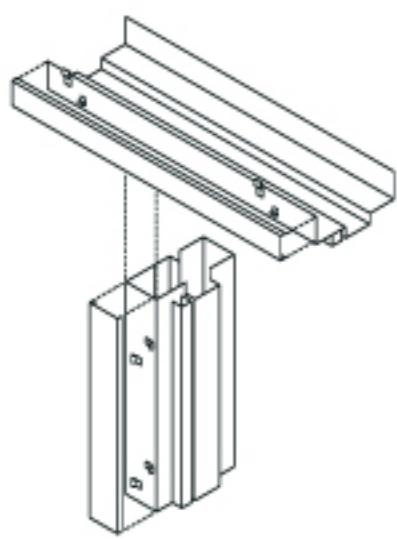


FIGURA 9

Paso 6

Con un tornillo auto penetrante conecte el sujetador del larguero al larguero (Figura 10) en ambos lados.

FIGURA 10

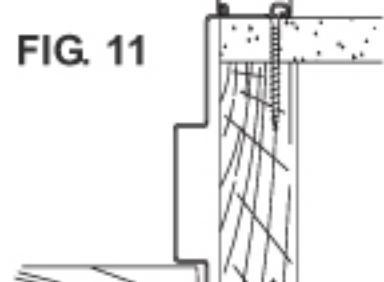
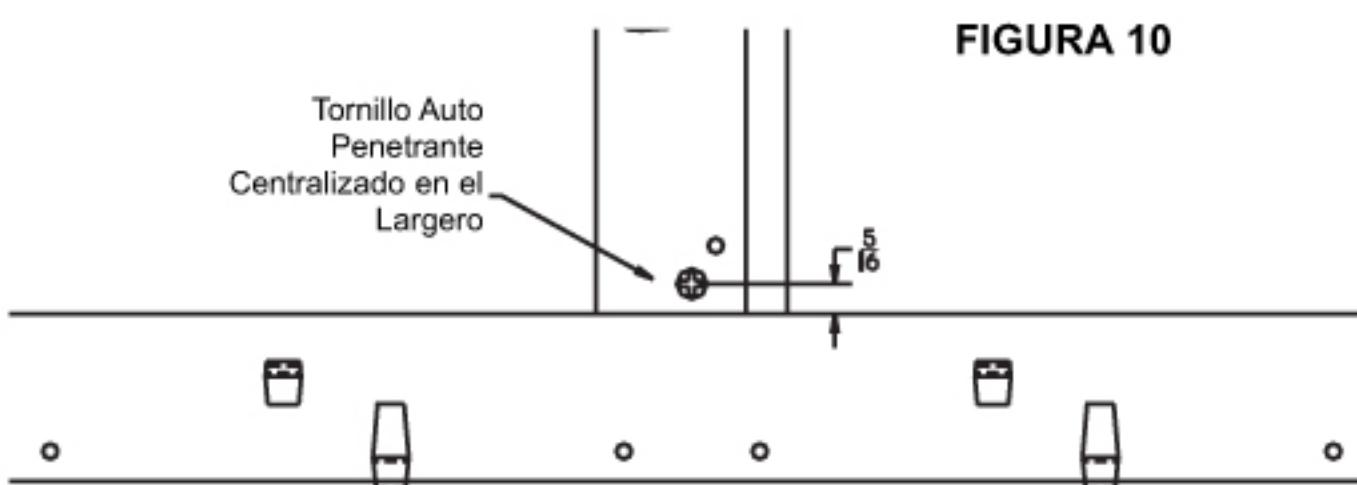


FIG. 11

Construcción de Pared: (Figura 11) Postes de madera y pared de piedra seca.

Anclajes Recomendados para el Marco: 1-1/4" (31.75) Min. Tornillos para pared de piedra seca, de estrías separadas.

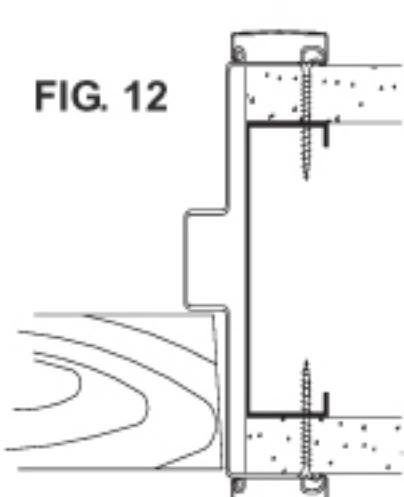


FIG. 12

Postes de Acero: (Figura 12)

Construcción de Pared: (Figura 12) Postes de metal y pared de piedra seca.

Anclajes recomendados para el marco: 1-1/4" (31.75) (min.) Tornillo Tipo "S" auto penetrante de cabeza de trompeta.

Ancle la unidad a la pared como sigue: (Fig. 13):

Paso 1

Para asegurar secciones horizontales, aplique un (1) anclaje por lanza/ hueco de clavo. (Figura 13/13a)

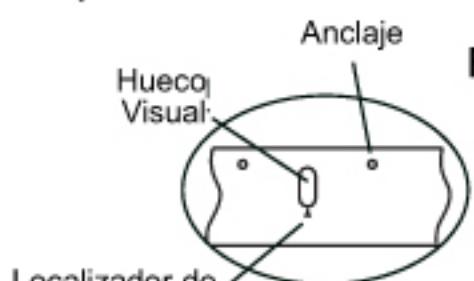
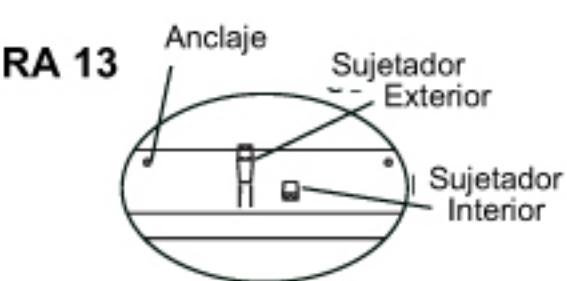


FIGURA 13



Aplicación de Chambrana de Acero, Aluminio o S56 (1) Sujetador Por Lanza/Abrazadera

Paso 2

Para asegurar secciones verticales, aplique un (1) anclaje por lanza/hueco de clavo. (Figura 13/13a)



FIGURA 13a

Paso 3

Instale vidrio, vidriado, y reborde del vidrio. (Figura 14) Véase la Tabla de Clasificación de Fuego para la aplicación del material de vidriado correcto. (Figura 14) (Figura 15)

Paso 4

Aplique la chambrana tomando cuidado de engancharlo sobre el sujetador exterior, gire y enganche sobre el sujetador interior. No lo fuerce simultáneamente sobre ambas esquinas del sujetador.

(Figuras 16, 17 & 18).



FIGURA 14



FIGURA 15

Para remover la chambrana, use un destornillador común pequeño con punta de paleta o espátula de esparcir macilla. Empiece en la parte de abajo de la chambrana del larguero en la parte de adentro del



FIGURA 16



FIGURA 17



FIGURA 18

marco. Suavemente inserte la punta del destornillador hacia arriba de la chambrana hasta el primer corte de lanza. Rote el destornillador en dirección en contra de las manecillas del reloj, la chambrana se desprenderá de dentro de la curva de la lanza. Repita este procedimiento con los cortes de lanza restantes. Después que todos los cortes de lanza interior hayan sido despegados suavemente saque la chambrana de abajo del corte de lanza exterior y remueva.



ACHIEVER™

Entry Systems

Achiever Steel Door Entry Systems



20 90



20 90



20 90



20 90



20 90



20 90



20 90



20 90



20 90



20 90



20 90



20 90



20 90



20 90



20 90



20 90



20 90



20 90



20 90



See page 8 for size and texture selection.



Primed Wood Stiles
and Rails



Polyurethane
Injected Core



Lock Block



Composite with Bottom
Rail for door sweep.

FIRE-RATED UNITS

20 20-MINUTE: Wood Edge Doors – 6-panel, Flush, 8-panel, 3-panel (Steel or Wood Frame)
(Mylar label; Neutral Pressure Only) (24 ga., 3'0" x 6'8" max)

90 90-MINUTE: Steel Edge Doors – 6-panel, Flush (Steel Frame Only) (3'0" x 8'0" max)
(Mylar label; Neutral Pressure Standard; Positive Pressure Available)

Category G edge seals and Category H gasketing by others. Steel frame only.

Note: Cutouts on doors void fire rating.

Finishing Options

Smooth prime white finish for field painting, or prefinished to match your custom color.



CLASIFICACION DE FUEGO

MARCOS DE VENTANA - FUEGO DE 45 Y 60 MINUTOS UL 10B (PRESION NEUTRAL) AND UL 10C (PRESION POSITIVA)

CLASIFI-CACION	TAMAÑO DE PARED MÁXIMO	ANCHO MÁXIMO DEL VIDRIO	ALTO MÁXIMO DEL VIDRIO	GALGA DE MARCO	TIPO DE VIDRIO	NORMA DE LA PRUEBA	MATERIAL DE VIDRIADO	TAMAÑO MÁXIMO DEL CONJUNTO
45 min.	3-1/2" (8.89 cm)	24" (60.96 cm)	106" (269.24 cm)	18 or 20	Alambre	Neutral	No es requerido	10'0" x 10'0" (304.8 cm x 304.8 cm)
45 min.	3-1/2" (8.89 cm)	36" (91.44 cm)	36" (91.44 cm)	18 or 20	Alambre	Neutral	No es requerido	10'0" x 10'0" (304.8 cm x 304.8 cm)
60 min.	3-1/2" (8.89 cm)	36" (91.44 cm)	36" (91.44 cm)	18 or 20	Alambre	Neutral	Inscrito	9'4" x 3'0" (284.48 cm x 91.44 cm)
45 min.	3-1/2" (8.89 cm)	24" (60.96 cm)	106" (269.24 cm)	18 or 20	Alambre	Positiva	Inscrito	10'0" x 10'0" (304.8 cm x 304.8 cm)
45 min.	3-1/2" (8.89 cm)	36" (91.44 cm)	94" (238.76 cm)	18 or 20	Cerámica	Positiva	Inscrito	10'0" x 10'0" (304.8 cm x 304.8 cm)



GARANTIA

La garantía de marcos de acero manufacturados por la División de Productos Rediframe garantiza al comprador consumidor original que el producto estará libre de defectos en material o mano de obra por un periodo de un año desde la fecha de compra.

Esta garantía aplica solamente cuando los productos que esta cubre hayan sido instalados de acuerdo con las instrucciones escritas recomendadas de la División de Productos REDIFRAME® basadas en prácticas de construcción establecidas, se la hayan aplicado el tratamiento el cual es considerado como buena práctica en la industria de la construcción en cuanto al almacenamiento y mantenimiento, y hayan sido sujetos solamente a uso normal. La División de Productos REDIFRAME® no tiene control de la manera que sus productos sean tratados después que hayan sido despachados de sus facilidades por eso, esta garantía no aplica a la terminación o accesorios de cualquier producto. CUALQUIER Y TODAS LAS GARANTIAS IMPLICADAS QUE APLIQUEN SON LIMITADAS A UN (1) AÑO DESDE LA FECHA DE COMPRA.

En el evento que el comprador consumidor original de cualquier producto REDIFRAME®, crea que el marco o parte de él, cubierto por

esta garantía esta defectuoso, deberá enviar una carta, sin costo, describiendo el alegado defecto a:

REDIFRAME PRODUCTS DIVISION
Division of the Dunbarton Corporation
P.O. Box 8577 Dothan, Alabama 36304-0577

Cualquier marco de acero para puerta de la División de Productos REDIFRAME® o cualquiera de sus partes cubierta por esta garantía el cual sea inspeccionado por un representante autorizado de la División de Productos REDIFRAME® y sea encontrado defectuoso, este será reparado, reemplazado o bajo opción de la División de Productos REDIFRAME®, el precio de compra del marco o parte del mismo será reembolsado. La obligación está limitada a reparar, reemplazar o reembolsar el valor que no incluye mano de obra, costos de instalación o daños indirectos o consecuentes de ninguna naturaleza. Algunos estados no permiten la exclusión o limitación de daños incidentales o consecuentes, de modo que esta limitación o exclusión puede que no le aplique a usted.

Esta garantía le concede derechos específicos y usted puede tener otros derechos también los cuales varían de estado a estado.

Todos los incrementos se enseñan en paréntesis milímetros a menos que se indique. Dimensiones imperiales y métricas puede que no sean equivalentes.



REDIFRAME™

Door Frames



SLIMFOLD

Closet Systems

Slimfold® Mirror Bifold Doors

The BEAUTY of Slimfold® Mirror Doors

Slimfold Mirror Doors are designed to enhance both residential and commercial applications.

Variety

Slimfold offers 14 outstanding and innovative mirror door designs, from sliders to bifolds and the new one-panel overlay door. There's a design to fit every decor!

Installation

Installation is easy! With just a few tools and a little time, Slimfold Mirror Doors can transform a room from plain to beautiful! All hardware is included.

Safety

All mirror panels are 1/8" (3mm) float plate glass mirror with a laminated backing to prevent shattering (4mm on 7'0" heights and taller).

Delivery

Slimfold delivers! Our lead time is 3 weeks for standard colors. Slimfold measures its own performance using a "Promises Kept" percentage standard to guarantee renowned service.

Warranty

Slimfold offers a Limited Lifetime Warranty on every door!

Bright White	Ivory
Vanilla	Architectural Brown
Black	Artic Silver
Satin Gold	Bright Gold
Stiles and Rails: 4050, 4260, 4760, 2020, 2007, 4400, 4900	
Door Panel: 2700, 2200 (Bright White and Ivory only)	
Satin Brass	Bright Brass
Satin Chrome	Bright Chrome
4550, 7023, 5002, 5003	
Polished Brass	Polished Chrome
2200, 2700 (Mylar Trim)	
Bright Gold	Satin Silver
4100 Aluminum Overlay	

2700



Heavy-Duty Steel Bifold Door with Mirror Laminate

- Heavy duty, long life bypass
- Mirror laminated on 24 gauge steel panel—**Exclusive Design!**
- Easily installed—only a screwdriver required!
- Patented Slimfold® hat and hardware system installed
- Smooth and quite operation
- Breaks over center allowing maximum opening
- Spring loaded guide rods for self-alignment
- 3.0 mm safety backed mirror
- **Panel Colors:** Bright White, Ivory
- **Track:** Mill finish aluminum
- **Mirror Edging:** Polished Chrome mylar mirror edging
- **Handle:** Polished Chrome handle
- **Series 2750 ST Available with** Polished Brass Mirror Edging/Handle and Polished Brass Aluminum Top and Bottom Track

4400



Steel Framed Bifold Mirror Door

- Bifold design for full closet access
- 1/4" frame around mirrors
- Bearing hinges for smooth, non-binding door operation
- Matching aluminum pulls
- 3.0 mm safety backed mirror
- **Track:** Top and bottom track prefinished to match door
- **Stiles/Rails/Mirror Edging:** Bright White, Vanilla, Architectural Brown, Black, Arctic Silver, Satin Gold, Bright Gold

4900



Steel Frameless Bifold Mirror Door

- Provides a beautiful, uninterrupted look of mirror
- Non-visible frame on long sides
- Bearing hinges
- Anodized aluminum pulls
- 3.0mm safety backed mirror
- **Track:** Top and bottom track prefinished to match door
- **Stiles/Rails:** Bright White, Vanilla, Architectural Brown, Black, Arctic Silver, Satin Gold, Bright Gold

New Products! Specs available at www.dunbarton.com or call 800-633-7553



Here are the newest Slimfold® innovations: The "markeable" **Marker Door**, "locking, no-pinch" **Saf-T-Fold**, and the two-panel, outswing **SpaceSaver** mirror door. Contact us for specification sheets on these new products, or download at www.dunbarton.com.

5003



Aluminum Framed Bifold Mirror Door

- Bifold design provides full access to closet opening
- 1/4" frame around mirrors
- Bearing hinges for smooth, non-binding door operation
- Matching aluminum pulls
- 3.0 mm safety backed mirror
- **Track:** Top and bottom track prefinished to match door
- **Stiles/Rails/Mirror Edging:** Satin Brass, Bright Brass, Satin Chrome, Bright Chrome

5002



Aluminum Frameless Bifold Mirror Door

- Provides a beautiful, uninterrupted look of mirror
- Non-visible frame on long sides
- Interchangeable dual-height tracks for installation over carpet or hard flooring
- Bearing hinges
- Anodized aluminum pulls
- 3.0mm safety backed mirror
- **Track:** Top and bottom track prefinished to match door
- **Stiles/Rails:** Satin Brass, Bright Brass, Satin Chrome, Bright Chrome

4100 (*Overlay*)



Aluminum Overlay Door

- Overlays opening and does not require precise fit
- Fits non-standard openings
- Easily Installed; simple, one-person job!
- Sturdy frame gives years of trouble-free operation
- Magnetic catch system adjusts to variations in opening sizes
- 3.0 mm safety backed mirror; 4mm ($\frac{5}{8}$ "") on 3'0" widths
- **Mounting Pivots:** 12 gauge pivot brackets eliminate track
- **Stiles/Rails:** Bright Gold (Aluminum), Satin Silver
- **Available in Two-Panel SpaceSaver Unit** (2'0, 2'6, 2'8, 3'0, and 4'0 widths)

Note: Color matches are subject to printing limitations.
Color chips available for all finishes; contact factory.

Slimfold® Mirror Sliding Doors

2200



Heavy-Duty Steel Sliding Door with Mirror Laminate

- Heavy duty, long life bypass
- Mirror laminated on 24 gauge steel panel—**Exclusive Design!**
- Adjustable nylon ball-bearing bottom roller system with 1" vertical adjustment
- Easily installed and adjusted
- 3.0 mm safety backed mirror
- **Panel Colors:** Bright White, Ivory
- **Track:** Top and bottom track prefinished to match door
- **Mirror Edging:** Polished Chrome mylar mirror edging
- **Handle:** Polished Chrome handle
- **Model 2250 ST** available with Polished Gold mylar mirror edging, Polished Gold handle, and Polished Brass steel top and bottom track

4260



Steel Framed Sliding Mirror Door with Bottom Roller

- New jump-resistant bottom roller!
- Adjustable top L-Guides for greater vertical adjustment
- Easy to adjust for out-of-square openings
- One piece 1 3/4" deep top track and integral fascia
- Low rise bottom track for minimal floor obstruction
- 3.0 mm safety backed mirror
- 4.0 mm safety backed mirror for heights greater than 7'0"
- **Track:** Top and bottom track prefinished to match door
- **Stiles/Rails:** Bright White, Vanilla, Architectural Brown, Black, Arctic Silver, Satin Gold, Bright Gold

2020 Wide Stile!



Steel Framed Sliding Mirror Door with Bottom Roller

- New jump-resistant bottom roller!
- Adjustable top L-Guides for greater vertical adjustment
- Easy to adjust for out-of-square openings
- One piece 1 3/4" deep top track and integral fascia
- Low rise bottom track for minimal floor obstruction
- 3.0 mm safety backed mirror
- 4.0 mm safety backed mirror for heights greater than 7'0"
- **Track:** Top and bottom track prefinished to match door
- **Stiles/Rails:** Bright White, Vanilla, Architectural Brown, Black, Arctic Silver, Satin Gold, Bright Gold

4050



Steel Framed Sliding Mirror Door with Top Roller

- Top hung single wheel rollers for smooth and quiet operation
- Snap-in bottom guides are virtually jump proof
- Easy to adjust for out-of-square openings
- Low rise bottom track for minimal floor obstruction
- 3.0 mm safety backed mirror
- **Track:** Top and bottom track prefinished to match door
- **Stiles/Rails:** Bright White, Vanilla, Architectural Brown, Black, Arctic Silver, Satin Gold, Bright Gold

4760



Steel Frameless Sliding Mirror Door with Bottom Roller

- Provides a beautiful, uninterrupted look of mirror
- Adjustable top L-Guides for smooth and quiet operation
- New jump-resistant bottom roller!
- Easy to adjust for out-of-square openings
- One piece 1 3/4" deep top track
- Low rise bottom track
- 3.0 mm safety backed mirror
- 4.0 mm safety backed mirror for heights greater than 7'0"
- **Track:** Top and bottom track prefinished to match door
- **Stiles/Rails:** Bright White, Vanilla, Architectural Brown, Black, Arctic Silver, Satin Gold, Bright Gold

2007



Steel Frameless Sliding Mirror Door with Top Roller

- Top hung single wheel rollers for smooth and quiet operation
- Snap-in bottom guides are virtually jump proof
- Easy to adjust for out-of-square openings
- Low rise bottom track for minimal floor obstruction
- 3.0 mm safety backed mirror
- **Track:** Top and bottom track prefinished to match door
- **Stiles/Rails:** Bright White, Vanilla, Architectural Brown, Black, Arctic Silver, Satin Gold, Bright Gold

4550



Aluminum Framed Sliding Mirror Door with Bottom Roller

- New jump-resistant bottom roller!
- Adjustable top L-Guides for greater vertical adjustment
- Easy to adjust for out-of-square openings
- One piece 1 3/4" deep top track and integral fascia
- Low rise bottom track for minimal floor obstruction
- 3.0 mm safety backed mirror
- 4.0 mm safety backed mirror for heights greater than 7'0"
- **Track:** Top and bottom track prefinished to match door
- **Stiles/Rails:** Satin Brass, Bright Brass, Satin Chrome, Bright Chrome

7023 Wide Stile!



Aluminum Framed Sliding Mirror Door with Bottom Roller

- New jump-resistant bottom roller!
- Adjustable top L-Guides for greater vertical adjustment
- Easy to adjust for out-of-square openings
- One piece 1 3/4" deep top track and integral fascia
- Low rise bottom track for minimal floor obstruction
- 3.0 mm safety backed mirror
- 4.0 mm safety backed mirror for heights greater than 7'0"
- **Track:** Top and bottom track prefinished to match door
- **Stiles/Rails:** Satin Brass, Bright Brass, Satin Chrome, Bright Chrome

Mirror Specifications

4400

Steel Framed Bifold Mirror Door

Provide Model 4400 bifold mirror wardrobe doors manufactured by Slimfold Corporation, Dothan, AL in the dimensions shown on the drawings and with the following attributes:

ARRANGEMENT

- Bifold mirror wardrobe doors shall consist of framed mirror panels joined at the top and bottom by concealed hinges with stops that prevent over closing of the door.
- Spring-loaded guides with $\frac{1}{4}$ " (17mm) travel shall be installed at the top and bottom corners of the lead (guided) door panel. The spring-loaded top pivot in the pivot panel shall engage a horizontally adjustable pivot bracket retained in the top track. The guides shall engage wheels that are free to slide or rotate and are retained in the top and bottom tracks. The wrench adjustable bottom pivot shall be installed in the bottom corner of the pivot panel and engage a horizontally adjustable pivot bracket in the bottom track.
- The pivots and guides shall be installed in corner connector holes by tapping on their projecting steel pins. The pivot and guide housings shall be interchangeable so a pair of doors can install either to a right or left jamb.
- The top and bottom tracks shall be of same height and interchangeable by containing identical hardware. A spring snubber is installed in both the top and bottom tracks to help keep the doors in place while in the closed position.
- The concealed hinges shall be zinc plated and be assembled with two plastic bearing washers to prevent binding and promote long wear life.

FRAME

- Each door shall consist of 2 prefinished roll formed steel framed mirror panels. Stiles and rails shall be joined at each corner by a corner block. Each corner block shall have a cavity to accept a pivot or guide.
- A matching aluminum mechanically fastened pull shall be provided.

PANELS

3mm float plate glass mirror, safety backed to conform with Uniform Building Code Standard 24-2, Part II. Safety mirror 400 lb. ft. Impact test ANSI Z-97.1 1984 boil and impact test.

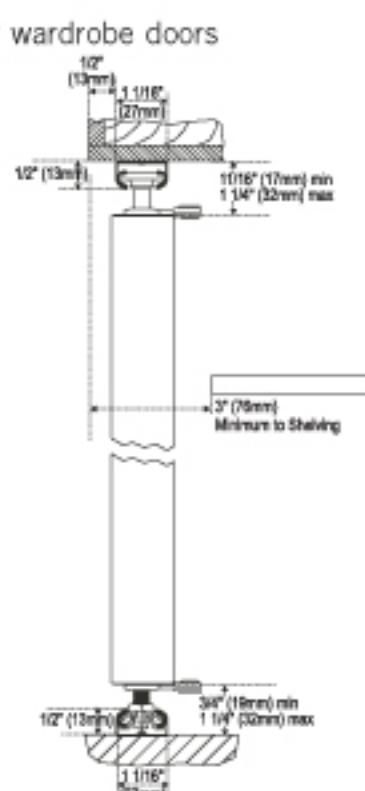
FINISHES

Bright White, Vanilla, Architectural Brown, Black, Arctic Silver, Satin Gold, Bright Gold

No. Panels	Size	Door Width	Finished Opening Width
2	2'0"	23 $\frac{1}{2}$ "	24"
2	2'6"	29 $\frac{1}{2}$ "	30"
2	3'0"	35 $\frac{1}{2}$ "	36"
4	4'0"	47"	48"
4	5'0"	59"	60"
4	6'0"	71"	72"

Required Finished Opening Heights:
6'8" (80 1/2") and 8'0" (96")
(2045mm) (2438mm)

Finished opening width tolerances +1/4" / -0".



- Guide rods and upper pivot rods are spring loaded for easy self-alignment, and securely held in position by self-retaining nylon sleeves combined as exclusive Slimfold Patented hardware system.
- Door panels shall be reinforced with 4" (10cm) wide stiffeners welded to backs and flanges of panels, hinged in pairs with a minimum of 10" (25cm) of piano-type hinges.

PANELS

- 3mm float plate glass mirror, safety backed to conform with Uniform Building Code Standard 24-2, Part II. Safety mirror 400 lb. ft. Impact test ANSI Z-97.1 1984 boil and impact test.
- Mirror shall be securely mounted with dual faced cushion adhesive tape. A steel channel shall protect the bottom edge of the mirror.

Series 2700 / 2750 / 2725 / 2775 ST

No. Panels	Size	Door Width	Finished Opening Width
2	1'6"	17 $\frac{1}{2}$ "	18"
2	1'9"	20 $\frac{1}{2}$ "	21"
2	2'0"	23 $\frac{1}{2}$ "	24"
2	2'3 $\frac{3}{4}$ /2'4"	26 $\frac{1}{2}$ " / 27 $\frac{1}{2}$ "	27"/28"
2	2'6"	29 $\frac{1}{2}$ "	30"
2	2'8 $\frac{1}{2}$ /2'9"	31 $\frac{1}{2}$ " / 32 $\frac{1}{2}$ "	32"/33"
2	3'0"	35 $\frac{1}{2}$ "	36"

Series 2700 / 2750 ST

No. Panels	Size	Door Width	Finished Opening Width
4	3'0"	35"	36"
4	3'6"	41"	42"
4	4'0"	47"	48"
4	5'0"	59"	60"
4	6'0"	71"	72"

Required Finished Opening Heights:

6'8" (80 1/2") and 8'0" (96")

(2045mm) (2438mm)

Finished Opening Width Tolerance +1/4" / -0"

No. Panels	Size	Door Width	Finished Opening Width
2	2'0"	23 $\frac{1}{2}$ "	24"
2	2'6"	29 $\frac{1}{2}$ "	30"
2	3'0"	35 $\frac{1}{2}$ "	36"
4	4'0"	47"	48"
4	5'0"	59"	60"
4	6'0"	71"	72"

Required Finished Opening Heights:

6'8" (80 1/2") and 8'0" (96")

(2045mm) (2438mm)

Finished opening width tolerances +1/4" / -0"

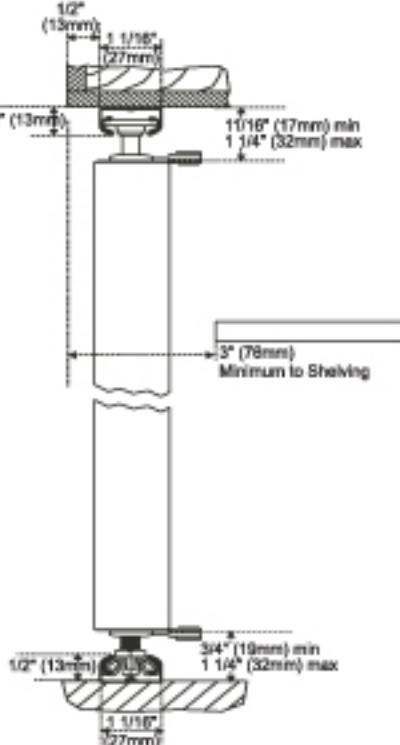
5003

Framed Aluminum Bifold Mirror Door

Provide Model 2800 AL bifold mirror wardrobe doors manufactured by Slimfold Corporation, Dothan, AL in the dimensions shown on the drawings and with the following attributes:

ARRANGEMENT

- Bifold mirror doors shall consist of aluminum framed mirror side panels. Door panels shall be reinforced with 4" (10cm) wide stiffeners screwed to backs and flanges of panels, hinged in pairs with a minimum of 10" (25cm) of piano-type hinges.
- Top and bottom tracks mill finish aluminum.



- Weight bearing pivot rods are adjustable screw-type, and securely held in place by nylon rod clamp assemblies.
- Guide rods and upper pivot rods are spring loaded for easy self-alignment, and securely held in position by self-retaining nylon sleeves combined as exclusive Slimfold Patented hardware system.

PANELS

- 3mm float plate glass mirror, safety backed to conform with Uniform Building Code Standard 24-2, Part II. Safety mirror 400 lb. ft. Impact test ANSI Z-97.1 1984 boil and impact test.

FINISHES

Satin Brass, Bright Brass, Satin Chrome, Bright Chrome

No. Panels	Size	Door Width	Finished Opening Width
2	1'6"	17 $\frac{1}{2}$ "	18"
2	1'9"	20 $\frac{1}{2}$ "	21"
2	2'0"	23 $\frac{1}{2}$ "	24"
2	2'3 $\frac{3}{4}$ /2'4"	26 $\frac{1}{2}$ " / 27 $\frac{1}{2}$ "	27"/28"
2	2'6"	29 $\frac{1}{2}$ "	30"
2	2'8 $\frac{1}{2}$ /2'9"	31 $\frac{1}{2}$ " / 32 $\frac{1}{2}$ "	32"/33"
2	3'0"	35 $\frac{1}{2}$ "	36"
4	3'0"	35"	36"
4	3'6"	41"	42"
4	4'0"	47"	48"
4	5'0"	59"	60"
4	6'0"	71"	72"

Required Finished Opening Heights:

6'8" (80 1/2") and 8'0" (96")

(2045mm) (2438mm)

Finished opening width tolerances +1/4" / -0"

4900

Steel Frameless Bifold Mirror Door

Provide Model 4900 bifold mirror wardrobe doors manufactured by Slimfold Corporation, Dothan, AL in the dimensions shown on the drawings and with the following attributes:

ARRANGEMENT

- Bifold mirror wardrobe doors shall consist of mirror panels joined at the top and bottom by concealed hinges with stops that prevent over closing of door.
- Spring-loaded guides with $\frac{1}{4}$ " (17mm) travel shall be installed at the top and bottom corners of the lead (guided) door panel. The spring-loaded top pivot in the pivot panel shall engage a horizontally adjustable pivot bracket retained in the top track. The guides shall engage wheels that are free to slide or rotate and are retained in the top and bottom tracks. The wrench adjustable bottom pivot shall be installed in the bottom corner of the pivot panel and engage a horizontally adjustable pivot bracket in the bottom track.
- The pivots and guides shall be installed in corner connector holes by tapping on their projecting steel pins. The pivot and guide housings shall be interchangeable so a pair of doors can install either to a right or left jamb.



- The top and bottom tracks shall be of same height and interchangeable by containing identical hardware. A spring snubber is installed in both the top and bottom tracks to help keep the doors in place while in the closed position.

- The concealed hinges shall be zinc plated and be assembled with two plastic bearing washers to prevent binding and promote long wear life.

FRAME

- Each door shall consist of 2 prefinished roll formed steel framed mirror panels. Stiles and rails shall be joined at each corner by a corner block. Each corner block shall have a cavity to accept a pivot or guide.
- The stiles shall be bonded to the back of the mirror and shall not cover the long sides of the mirror.
- A bright anodized aluminum mechanically fastened pull shall be provided.

PANELS

- 3mm float plate glass mirror, safety backed to conform with Uniform Building Code Standard 24-2, Part II. Safety mirror 400 lb. ft. Impact test ANSI Z-97.1 1984 boil and impact test.
- Polished edges on two long sides.

- Bright White, Vanilla, Architectural Brown, Black, Arctic Silver, Satin Gold, Bright Gold

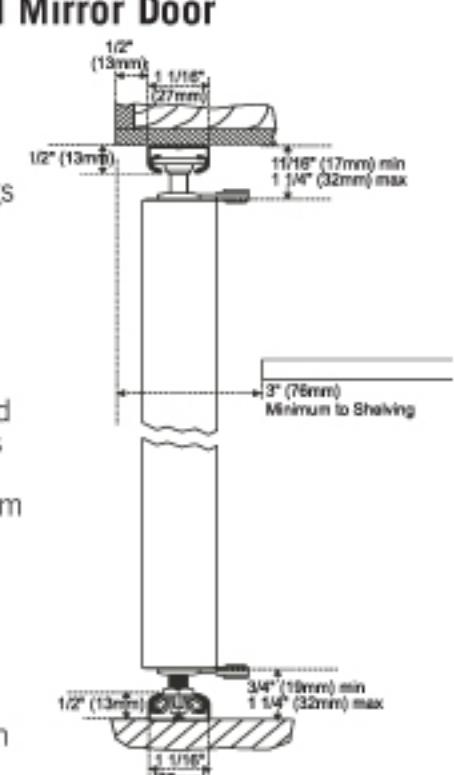
5002

Frameless Aluminum Bifold Mirror Door

Provide Model 2900 AL bifold mirror wardrobe doors manufactured by Slimfold Corporation, Dothan, AL in the dimensions shown on the drawings and with the following attributes:

ARRANGEMENT

- Bifold mirror wardrobe doors shall consist of aluminum frameless mirror side panels. Door panels shall be reinforced with 4" (10cm) wide stiffeners screwed to flanges of panels, hinged in pairs with a minimum of 10" (25cm) of piano-type hinges.
- Top and bottom tracks mill finish aluminum.
- Weight bearing pivot rods are adjustable screw-type, and securely held in place by nylon rod clamp assemblies.
- Guide rods and upper pivot rods



Mirror Specifications

are spring loaded for easy self-alignment, and securely held in position by self-retaining nylon sleeves combined as exclusive Slimfold Patented hardware system.

PANELS

- a. 3mm float plate glass mirror, safety backed to conform with Uniform Building Code Standard 24-2, Part II. Safety mirror 400 lb. ft. Impact test ANSI Z-97.1 1984 boil and impact test.

FINISHES

Satin Brass, Bright Brass, Satin Chrome, Bright Chrome

No. Panels	Size	Door Width	Finished Opening Width
2	2'0"	23 $\frac{1}{2}$ "	24"
2	2'3 $\frac{1}{2}$ '2 $\frac{1}{2}$ "	26 $\frac{1}{2}$ " / 27 $\frac{1}{2}$ "	27 $\frac{1}{2}$ " / 28"
2	2'6"	29 $\frac{1}{2}$ "	30"
2	2'8 $\frac{1}{2}$ '2 $\frac{1}{2}$ "	31 $\frac{1}{2}$ " / 32 $\frac{1}{2}$ "	32 $\frac{1}{2}$ " / 33"
2	3'0"	35 $\frac{1}{2}$ "	36"
4	3'0"	35"	36"
4	4'0"	47"	48"
4	5'0"	59"	60"
4	6'0"	71"	72"

Required Finished Opening Heights:
6'8" (80 1/2") and 8'0" (96")
(2045mm) (2438mm)

Finished opening width tolerances +1/4" / -0

4100

Framed Overlay Door

Provide Model 4100 overlay mirror wardrobe doors manufactured by Slimfold Corporation, Dothan, AL in the dimensions shown on the drawings and with the following attributes:

ARRANGEMENT

- a. Overlay mirror door shall consist of a single mirror panel framed with anodized aluminum stiles and rails secured together with screws.
- b. Overlay mirror door shall be supported by 12 gauge pivot brackets at both the top and bottom and shall be prefinished to match the framing.
- c. A quieting nylon pivot bushing shall be used to interface between the frame and the pivot brackets.
- d. Magnetic catch shall be capable of being mounted on the inside perimeter of the opening and utilize a one-piece plate that does not require adjustments for variations in opening sizes.
- e. Stile profile shall be such that it consists of an integral pull.

PANELS

- a. 3mm float plate glass mirror (4mm on 3'0" widths), safety backed to conform with Uniform Building Code Standard 24-2, Part II. Safety mirror 400 lb. ft. Impact test ANSI Z-97.1 1984 boil and impact test.
- b. Mirror is to be received and mechanically locked into frame components and utilizes a flexible glazing channel.

FINISHES

Bright Gold (Aluminum), Satin Silver

No. Panels	Opening	Door Width	Distance Between Cut Moldings
1	2'0"	28 $\frac{1}{2}$ "	28 $\frac{3}{8}$ "
1	2'6"	34 $\frac{1}{2}$ "	34 $\frac{3}{8}$ "
1	3'0"	40 $\frac{1}{2}$ "	40 $\frac{3}{8}$ "
Required Finished Opening Heights: 6'8" (80 1/2") (Door height is 81") (2045mm)			
Finished opening width tolerances +1" / -3" Finished opening height tolerance +1 1/2"			

2200

Steel Sliding Mirror Door with Chrome Mylar Edging

Provide Model 2200 sliding mirror wardrobe doors manufactured by Slimfold Corporation, Dothan, AL in the dimensions shown on the drawings and with the following attributes:

ARRANGEMENT

- a. Sliding Mirror Wardrobe Doors are Slimfold Series 2200 or 2250 of mirror laminated to a steel panel supported by adjustable bottom rollers and top guides that travel in respective tracks.
- B. The top track is prefinished with two integral fascia looks

(reversible) that match the stile and rail finish.

- C. The bottom track is prefinished to match the stile and rail finish and shall not exceed 5/16" (8mm) in height for minimum obstruction.
- d. The door panels and reinforced stiffeners shall be 24 gauge cold rolled steel. A hot dipped coating of zinc-iron alloy (G60) is available as galvanized steel option.
- e. The nylon bottom rollers are ball-bearing, free-floating and provide 1" (25mm) vertical adjustment. The polypropylene top guide are permanently fixed to the top connectors and fit snugly into the vertical openings in the top track.

PANELS

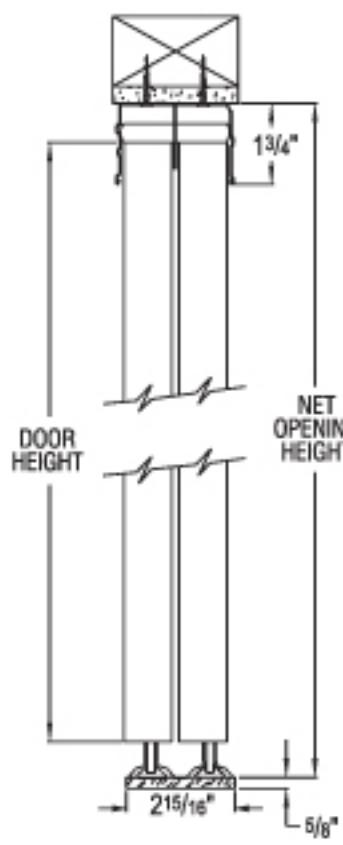
- a. 3mm float plate glass mirror, safety backed to conform with Uniform Building Code Standard 24-2, Part II. Safety mirror 400 lb. ft. Impact test ANSI Z-97.1 1984 boil and impact test. 4mm float plate glass mirror for heights greater than 7'0".

- b. Mirror shall be securely mounted with dual faced cushion adhesive tape. A steel channel shall protect the bottom edge of the mirror.

FINISHES

Series 2200 ST: Top and bottom tracks are G60 galvanized steel prefinished to match door panel. Mirror edging shall be Polished Chrome mylar. Handle shall be Polished Chrome.

Series 2250 ST: Top and bottom tracks are Polished Brass steel. Mirror edging shall be Polished Gold mylar. Handle shall be Polished Gold. **Steel panel colors** are Bright White and Ivory



Required Finished Opening Heights:

6'8" (80 1/2") and 8'0" (96")

(2045mm) (2438mm)

Finishing Open Width Tolerance +1/2" / -2"

4260

Steel Framed Sliding Mirror Door

Provide Model 4260 sliding mirror wardrobe doors manufactured by Slimfold Corporation, Dothan, AL in the dimensions shown on the drawings and with the following attributes:

ARRANGEMENT

- a. Sliding mirror doors shall consist of framed mirror panels supported by adjustable bottom rollers and adjustable top guides that travel in a threshold track and top track respectively.
- b. Top track to be prefinished steel with an integral fascia that matches the stile and rail finish.
- c. The bottom track shall be prefinished steel to match door frame and shall not exceed 5/16" (8mm) in height for minimum floor obstruction.
- d. The bottom roller shall be free floating and provide a 1" (25mm) vertical adjustment. Model 4260 rollers shall have plain bearing acetal wheels.
- e. The adjustable top guides shall be permanently fixed to the top connectors and fit snugly into the vertical openings in the top track.

FRAME

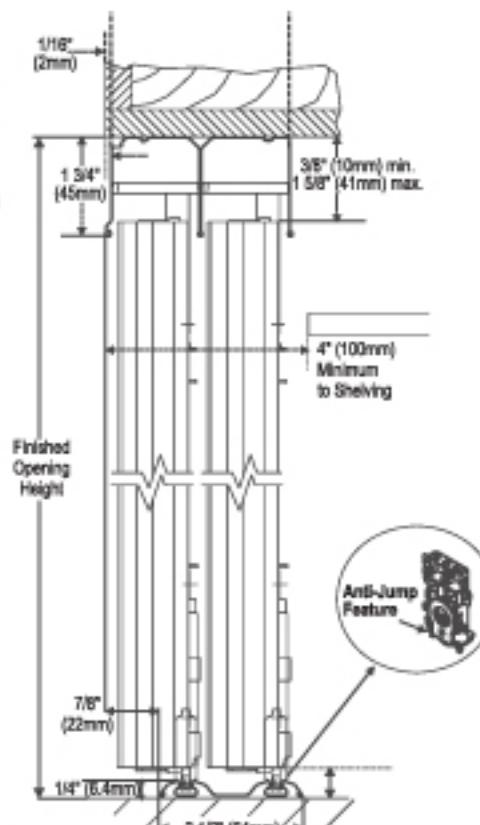
- a. The frame shall consist of prefinished roll-formed stiles and rails joined at each corner by positively retained, removable, unhandled, connectors that snap in place and contain preassembled rollers and guides.

PANELS

- a. 3mm float plate glass mirror, safety backed to conform with Uniform Building Code Standard 24-2, Part II. Safety mirror 400 lb. ft. Impact test ANSI Z-97.1 1984 boil and impact test. 4mm float plate glass mirror for heights greater than 7'0".

FINISHES

Bright White, Vanilla, Architectural Brown, Black, Arctic Silver, Satin Gold, Bright Gold



No. Panels	Size	Door Width	Finished Opening Width
2	4'0"	24 $\frac{5}{8}$ "	48"
2	5'0"	30 $\frac{5}{8}$ "	60"
2	6'0"	36 $\frac{5}{8}$ "	72"
2	8'0"	48 $\frac{5}{8}$ "	96"
3	9'0"	36 $\frac{5}{8}$ "	108"
3	12'0"	48 $\frac{5}{8}$ "	144"

Required Finished Opening Heights:

6'8" (80 1/2") and 8'0" (96")

(2045mm) (2438mm)

Finishing Open Width Tolerance +1/2" / -2"

2020

Steel Framed Sliding Mirror Door with Bottom Roller

Provide Model 2020 sliding mirror wardrobe doors manufactured by Slimfold Corporation, Dothan, AL in the dimensions shown on the drawings and with the following attributes:

ARRANGEMENT

- a. Sliding mirror wardrobe doors shall consist of framed mirror panels supported by adjustable bottom rollers that travel in a steel bottom track and spring loaded top guides that travel in a steel one piece track.
- b. The top track shall be one piece and of pre-finished steel. The fascia finish shall match that of the top track.
- c. The bottom track shall be pre-finished steel and not exceed 5/16" (8mm) from the floor. Top and bottom track finishes shall match the stile and rail.
- d. The bottom roller shall be free floating and provide a 1" (25mm) vertical adjustment. Model 4260 rollers shall have plain bearing acetal wheels.
- e. The adjustable top guides shall be permanently fixed to the top connectors and fit snugly into the vertical openings in the top track.

FRAME

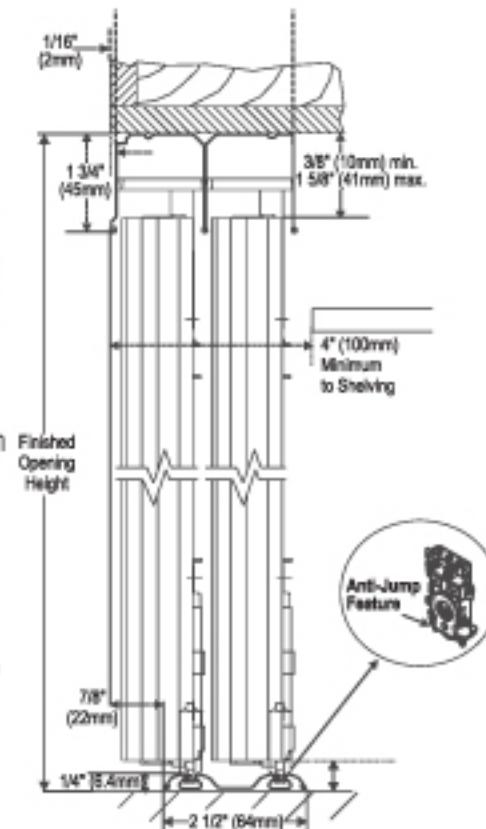
- a. The stiles and rails shall be joined at each corner by unhandled connectors that snap into position, are positively fastened, but can be removed for changing of inserts. Bottom connectors shall have either ball bearing rollers or solid acetal plain bearing wheels, both with an integral anti-jump housing. Top connectors shall have a solid plastic guide permanently attached to the connector housing which provides a snug fit with the top track. The plastic guide will adjust to five different positions to ensure an optimum fit. Vertical adjustment is 1 1/8" (29mm) on the bottom and 1 1/4" (32mm) on the top.

PANELS

3mm float plate glass mirror, safety backed to conform with Uniform Building Code Standard 24-2, Part II. Safety mirror 400 lb. ft. Impact test ANSI Z-97.1 1984 boil and impact test. 4mm float plate glass mirror for heights greater than 7'0".

FINISHES

Bright White, Vanilla, Architectural Brown, Black, Arctic Silver, Satin Gold, Bright Gold



No. Panels	Size	Door Width	Finished Opening Width
2	4'0"	24 $\frac{5}{8}$ "	48"
2	5'0"	30 $\frac{5}{8}$ "	60"
2	6'0"	36 $\frac{5}{8}$ "	72"
2	8'0"	48 $\frac{5}{8}$ "	96"
3	9'0"	36 $\frac{5}{8}$ "	108"
3	12'0"	48 $\frac{5}{8}$ "	144"

Required Finished Opening Heights:

6'8" (80 1/2") and 8'0" (96")

(2045mm) (2438mm)

Finishing Open Width Tolerance +1/2" / -2"

4050

Steel Framed Sliding Mirror Door with Top Roller

Provide Model 4050 sliding mirror wardrobe doors manufactured by Slimfold Corporation, Dothan, AL in the dimensions shown on the drawings and with the following attributes:

ARRANGEMENT

- a. Sliding mirror doors shall consist of framed mirror panels supported by single wheel top hangers and bottom guides that travel in top and bottom tracks respectively.

2200

Steel Sliding Mirror Door with Chrome Mylar Edging

Provide Model 2200 sliding mirror wardrobe doors manufactured by Slimfold Corporation, Dothan, AL in the dimensions shown on the drawings and with the following attributes:

ARRANGEMENT

- a. Sliding Mirror Wardrobe Doors are Slimfold Series 2200 or 2250 of mirror laminated to a steel panel supported by adjustable bottom rollers and top guides that travel in respective tracks.
- B. The top track is prefinished with two integral fascia looks

- B. The top track is prefinished with two integral fascia looks

Mirror Specifications

- b. The top track shall be steel with a prefinished steel fascia as an integral part of the track.
- c. The bottom track shall be prefinished steel and shall not exceed $\frac{5}{16}$ " (8mm) in height for minimum floor obstruction.
- d. The top hangers shall have acetal wheels and provide $1\frac{1}{2}$ " (38mm) vertical adjustment.
- e. The floating nylon guides shall lock into floor track & automatically compensate for floors up to $\frac{3}{8}$ " (19mm) out of level.

FRAME

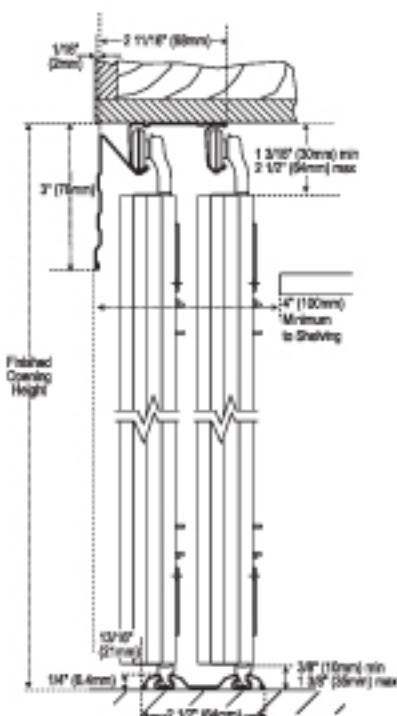
- a. The frame shall consist of prefinished roll formed steel stiles and rails joined at each corner by positively retained, removable, unhandled connector assemblies that snap in place and contain top hangers and bottom guides.
- b. The $\frac{7}{8}$ " wide stiles shall function as integral full length pulls.

PANELS

- a. 3mm float plate glass mirror, safety backed to conform with Uniform Building Code Standard 24-2, Part II. Safety mirror 400 lb. ft. Impact test ANSI Z-97.1 1984 boil and impact test. 4mm float plate glass mirror for heights greater than 7'0".

FINISHES

Bright White, Vanilla, Architectural Brown, Black, Arctic Silver, Satin Gold Bright Gold



No. Panels	Size	Door Width	Finished Opening Width
2	4'0"	24 $\frac{5}{8}$ "	48"
2	5'0"	30 $\frac{5}{8}$ "	60"
2	6'0"	36 $\frac{5}{8}$ "	72"
2	8'0"	48 $\frac{5}{8}$ "	96"
3	9'0"	36 $\frac{5}{8}$ "	108"
3	12'0"	48 $\frac{5}{8}$ "	144"

Required Finished Opening Heights:

6'8" (80 1/2") and 8'0" (96")

(2045mm) (2438mm)

Finished Opening Width Tolerance +1/2" / -2"

2007 New!

Steel Frameless Sliding Mirror Door with Top Roller

Provide Model 2007 sliding mirror wardrobe doors manufactured by Slimfold Corporation, Dothan, AL in the dimensions shown on the drawings and with the following attributes:

ARRANGEMENT

- a. Sliding mirror doors shall consist of framed mirror panels supported by single wheel top hangers and bottom guides that travel in top and bottom tracks respectively.
- b. The top track shall be steel with a prefinished steel fascia as an integral part of the track.
- c. The bottom track shall be prefinished steel and shall not exceed $\frac{5}{16}$ " (8mm) in height for minimum floor obstruction.
- d. The top hangers shall have acetal wheels and provide $1\frac{1}{2}$ " (38mm) vertical adjustment.
- e. The floating nylon guides shall lock into floor track & automatically compensate for floors up to $\frac{3}{8}$ " (19mm) out of level.

FRAME

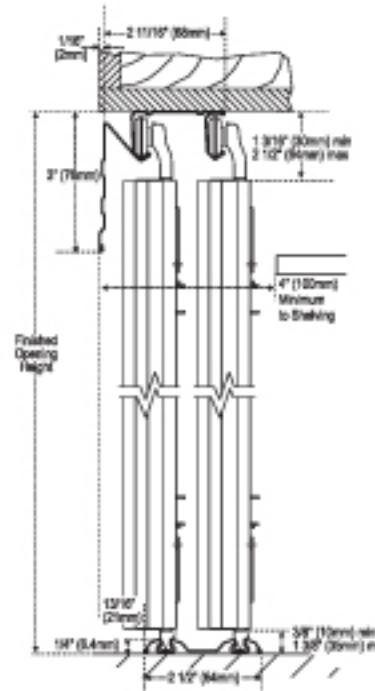
- a. The frame shall consist of prefinished roll formed steel stiles and rails joined at each corner by positively retained, removable, unhandled connector assemblies that snap in place and contain top hangers and bottom guides.
- b. The $\frac{7}{8}$ " wide stiles shall function as integral full length pulls.

PANELS

- a. 3mm float plate glass mirror, safety backed to conform with Uniform Building Code Standard 24-2, Part II. Safety mirror 400 lb. ft. Impact test ANSI Z-97.1 1984 boil and impact test. 4mm float plate glass mirror for heights greater than 7'0".

FINISHES

Bright White, Vanilla, Architectural Brown, Black, Arctic Silver, Satin Gold Bright Gold



from the floor. Both the top track and bottom track finishes shall match the stile and rail.

- d. The stile, rail, top track and bottom track shall have a finish. The connectors shall be plated.

FRAME

- a. The stiles and rails shall be joined at each corner by unhandled connectors that snap into position, are positively fastened, but can be removed for changing of inserts. Bottom connectors shall have either ball bearing rollers or solid acetal plain bearing wheels, both with an integral anti-jump housing. Top connectors shall have a solid plastic guide permanently attached to the connector housing which provides a snug fit with the top track. The plastic guide will adjust to two different positions to ensure an optimum fit. Vertical adjustment is 1 1/8" (29mm) on the bottom and 1 1/4" (32mm) on the top.

PANELS

3mm float plate glass mirror, safety backed to conform with Uniform Building Code Standard 24-2, Part II. Safety mirror 400 lb. ft. Impact test ANSI Z-97.1 1984 boil and impact test. 4mm float plate glass mirror for heights greater than 7'0".

FINISHES

Satin Brass, Bright Brass, Satin Chrome, Bright Chrome

No. Panels	Size	Door Width	Finished Opening Width
2	4'0"	24 $\frac{5}{8}$ "	48"
2	5'0"	30 $\frac{5}{8}$ "	60"
2	6'0"	36 $\frac{5}{8}$ "	72"
2	8'0"	48 $\frac{5}{8}$ "	96"
3	9'0"	36 $\frac{5}{8}$ "	108"
3	12'0"	48 $\frac{5}{8}$ "	144"

Required Finished Opening Heights:

6'8" (80 1/2") and 8'0" (96")

(2045mm) (2438mm)

Finishing Open Width Tolerance +1/2" / -2"

7023 New!

Aluminum Framed Sliding Mirror Door with Bottom Roller (Wide Stile)

Provide Model 7023 sliding mirror wardrobe doors manufactured by Slimfold Corporation, Dothan, AL in the dimensions shown on the drawings and with the following attributes:

ARRANGEMENT

- a. Sliding mirror wardrobe doors shall consist of aluminum framed mirror panels supported by adjustable bottom rollers that travel in an aluminum bottom track and top guides that travel in an aluminum top track.
- b. The top track shall be one piece and of pre-finished aluminum.
- c. The bottom track shall be pre-finished aluminum and not exceed $\frac{5}{16}$ " (8mm) from the floor. Both the top track and bottom track finishes shall match the stile and rail.
- d. The stile, rail, top track and bottom track shall have a finish. The connectors shall be plated.

FRAME

- a. The stiles and rails shall be joined at each corner by unhandled connectors that snap into position, are positively fastened, but can be removed for changing of inserts. Bottom connectors shall have either ball bearing rollers or solid acetal plain bearing wheels, both with an integral anti-jump housing. Top connectors shall have a solid plastic guide permanently attached to the connector housing which provides a snug fit with the top track. The plastic guide will adjust to five different positions to ensure an optimum fit. Vertical adjustment is 1 1/8" (29mm) on the bottom and 1 1/4" (32mm) on the top.

PANELS

3mm float plate glass mirror, safety backed to conform with Uniform Building Code Standard 24-2, Part II. Safety mirror 400 lb. ft. Impact test ANSI Z-97.1 1984 boil and impact test. 4mm float plate glass mirror for heights greater than 7'0".

FINISHES

Satin Brass, Bright Brass, Satin Chrome, Bright Chrome

No. Panels	Size	Door Width	Finished Opening Width
2	4'0"	24 $\frac{5}{8}$ "	48"
2	5'0"	30 $\frac{5}{8}$ "	60"
2	6'0"	36 $\frac{5}{8}$ "	72"
2	8'0"	48 $\frac{5}{8}$ "	96"
3	9'0"	36 $\frac{5}{8}$ "	108"
3	12'0"	48 $\frac{5}{8}$ "	144"

Required Finished Opening Heights:

6'8" (80 1/2") and 8'0" (96")

(2045mm) (2438mm)

Finishing Open Width Tolerance +1/2" / -2"

4760

Steel Frameless Sliding Mirror Door

Provide Model 4760 sliding mirror wardrobe doors manufactured by Slimfold Corporation, Dothan, AL in the dimensions shown on the drawings and with the following attributes:

ARRANGEMENT

- a. Frameless sliding mirror doors shall consist of mirror panels supported by adjustable bottom rollers and adjustable top guides that travel in a threshold track and top track respectively.
- b. The top track shall be prefinished steel with an integral fascia that matches the stile and rail finish.
- c. The bottom track shall be prefinished steel to match door frame and shall not exceed $\frac{5}{16}$ " (8mm) in height for minimum floor obstruction.
- d. The bottom rollers shall be free floating and provide a 1" (25mm) vertical adjustment. Model 4760 rollers shall have plain bearing acetal wheels.
- e. The adjustable top guides shall be permanently fixed to the top connectors and fit snugly into the vertical openings in the top track.

FRAME

- a. The frame shall consist of prefinished roll formed steel stiles and rails joined at each corner by positively retained, removable, unhandled connector assemblies that snap in place and contain preassembled rollers and guides.
- b. The stiles shall be bonded to the back of the polished or beveled edge of the mirror and shall not cover the long sides of the mirror.
- c. Aluminum pull to be mounted with screws to edge of door.

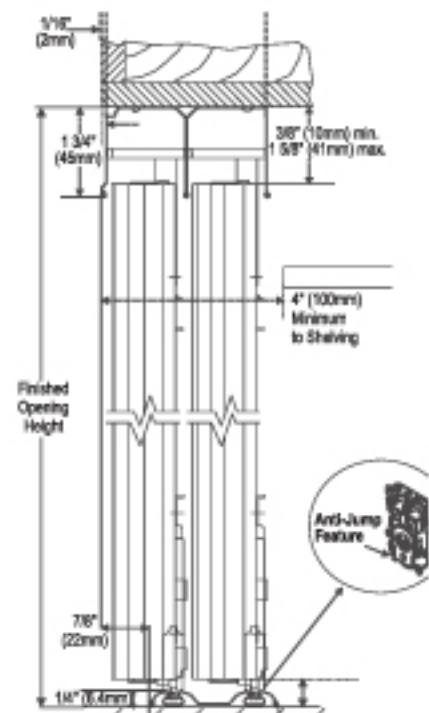
PANELS

- a. 3mm float plate glass mirror, safety backed to conform with Uniform Building Code Standard 24-2, Part II. Safety mirror 400 lb. ft. Impact test ANSI Z-97.1 1984 boil and impact test. 4mm float plate glass mirror for heights greater than 7'0".

b. Mirror shall have polished edges on two long sides.

FINISHES

Bright White, Vanilla, Architectural Brown, Black, Arctic Silver, Satin Gold, Bright Gold



No. Panels	Size	Door Width	Finished Opening Width
2	4'0"	24 $\frac{5}{8}$ "	48"
2	5'0"	30 $\frac{5}{8}$ "	60"
2	6'0"	36 $\frac{5}{8}$ "	72"

Required Finished Opening Heights:

6'8" (80 1/2")

(2045mm)

Finished Opening Width Tolerance +1/2" / -3"

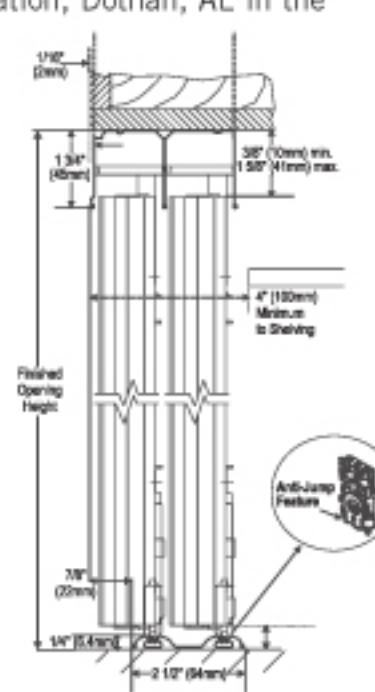
4550 New!

Aluminum Framed Sliding Mirror Door with Bottom Roller

Provide Model 4550 sliding mirror wardrobe doors manufactured by Slimfold Corporation, Dothan, AL in the dimensions shown on the drawings and with the following attributes:

ARRANGEMENT

- a. Sliding mirror wardrobe doors shall consist of aluminum framed mirror panels supported by adjustable bottom rollers that travel in an aluminum bottom track and top guides that travel in an aluminum top track.
- b. The top track shall be one piece and of pre-finished aluminum. The fascia finish shall match that of the top track.
- c. The bottom track shall be pre-finished aluminum and not exceed $\frac{5}{16}$ " (8mm) from the floor.



Required Finished Opening Heights:

6'8" (80 1/2")

(2045mm)

Finished Opening Width Tolerance +1/2" / -2"

Pre-finished Steel Bifold Doors

The ORIGINAL Pre-Finished Steel Bifold Door

Slimfold developed the steel bifold door over 45 years ago, and has become the leader in the industry. Slimfold doors are prefinished and are offered in six innovative yet timeless designs that blend beautifully with any decor.

Engineered Durability

Slimfold doors have been engineered for beauty, smooth, quiet operation and quality. They are carefully manufactured to provide years of maintenance-free use. The electrostatically-applied enamel is standard, and galvanized steel is available for areas of high humidity.

Installation

Installation is easy! With just a few tools a little time, Slimfold Steel Bifold Doors can transform a room from plain to beautiful! All hardware is included.

Delivery

Slimfold delivers! Our standard lead time is 3 weeks for standard colors. One of the best in the industry!

Warranty

Slimfold offers a Limited Lifetime Warranty on every door!

Options

Exclusive anti-pinch Saf-T-Fold feature with lock. Contact factory for specification sheet or download at www.dunbarton.com.

Slimfold® Color Spectrum



*Indicates Premium Color; upcharge and lead time applies.
• Custom Colors Available
• Printed colors are as close as printing limitations will allow; contact factory for painted color panels.

Textures



Leather Finish
Standard on all steel bifold doors

Louver II



Deep profile louvers make this door a design winner. Perfect for Colonial, traditional or contemporary decor.

Classic



The wide louvers and delicate trim moldings have made The Classic a favorite bifold door for many years.

Westchester



The combination of wide louver and embossed panels makes this door a favorite for all decors.

Lancaster



Deeply embossed panels give this door a rich, sculptured look that complements any decor.

Regency



Beautifully embossed, smooth panels are an ideal choice for a room with a six-panel entry door.

Flush



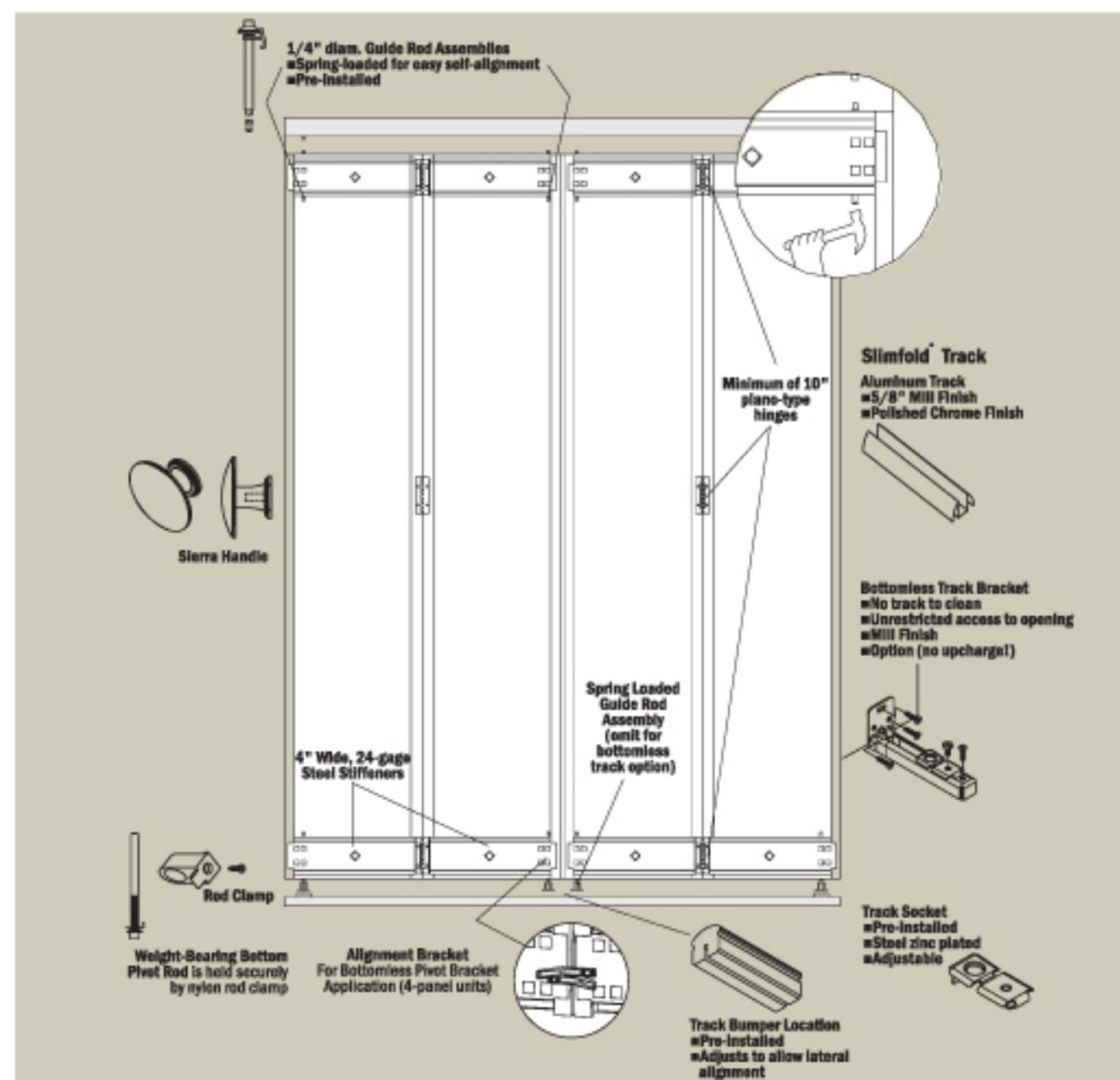
The versatility of The Flush Door provides a wide range of finishing options. Painted, stenciled, wallpapered, or used with the prefinished color, The Flush Door allows you to express your own style.

Saf-T-Fold – New!



4', 5', and 6' Widths

The Saf-T-Fold is offered in the new Collegiate door style (shown) in an array of colors. Saf-T-Fold anti-pinch and locking features are available as an option in all Slimfold® steel bifolds.

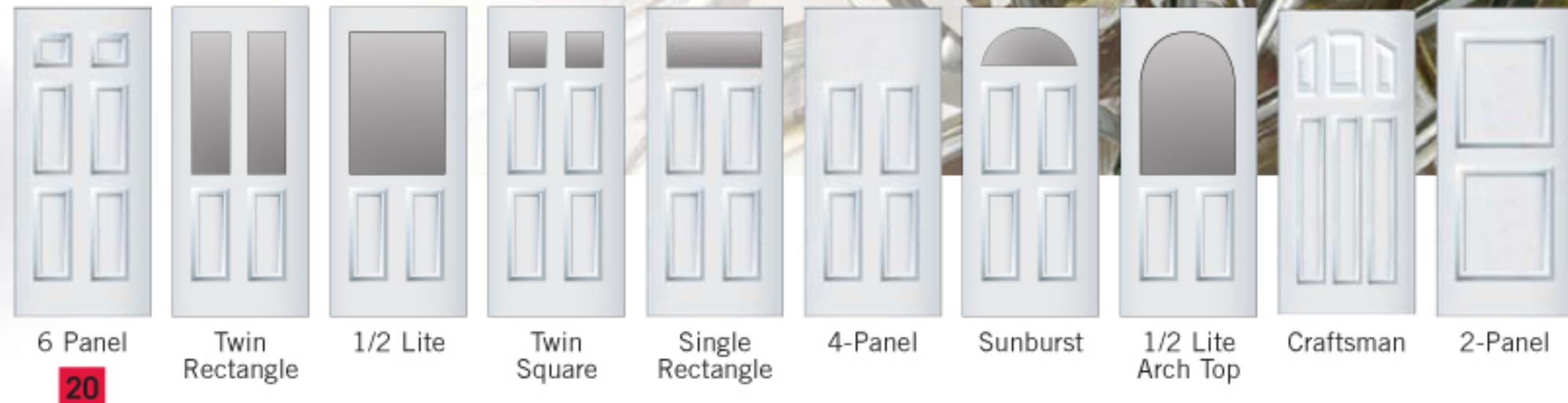




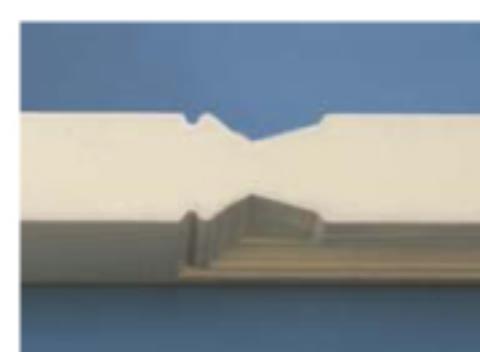
ACHIEVER™

Entry Systems

Achiever Fiberglass Door Entry Systems



Composite
Side and Top Edges



Polyurethane
Injected Core



Lock Block



Composite with Bottom
Rail for door sweep.

FIRE-RATED UNITS

20 20-MINUTE: 6-panel, Flush, 8-panel, (Mylar label; Neutral Pressure Only)
(2'8" x 6'8" and 3'0" x 6'8" only; Steel or Wood Frame) (Smooth or Woodgrain)

Available Stains:

Each home has a common stain color used within it. Choose from these great stain colors to better coordinate your home elements.

Dark Oak

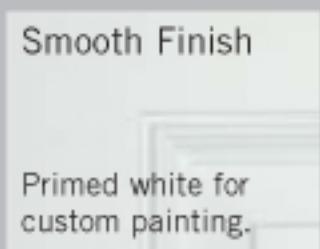
Golden Oak

Cherry

Mahogany

Walnut

Woodgrain Detail



Due to limitations in the printing process, the above color and stain samples may vary.
For true color, ask to see actual stain samples.

Steel Bifold Specifications

Standard Steel Bifold Door Sizes

Two-Panel Units

Finished Opening Width	Door Width	Max. Opening Width	6'8" Units	Finished Heights 7'6" Units	8' Units	Finished Opening Width	Door Width	Max. Opening Width	6'8" Units	Finished Height 7'6" Units	8' Units
1'6" 457mm	17½" 445mm	18" 470mm				3'0" 914mm	35" 889mm	36" 914mm			
1'9" 533mm	20½" 521mm	21" 546mm				3'6" 1067mm	41" 1041mm	42" 1067mm			
2'0" 610mm	23½" 597mm	24" 622mm				4'0" 1219mm	47" 1194mm	48" 1219mm			
2'3" 686mm	26½" 673mm	27" 699mm	80½" 2045mm	90" 2286mm	96" 2438mm	4'6" 1372mm	53" 1346mm	54" 1372mm	80½" 2045mm	90" 2286mm	96" 2438mm
2'4" 711mm	27½" 698mm	28" 736mm				4'8" 1422mm	55" 1397mm	56" 1447mm			
2'6" 762mm	29½" 749mm	30" 775mm				5'0" 1524mm	59" 1499mm	60" 1524mm			
2'8" 813mm	31½" 800mm	32" 838mm				5'4" 1676mm	63" 1600mm	64" 1676mm			
2'9" 838mm	32½" 826mm	33" 851mm				5'6" 1676mm	65" 1651mm	66" 1676mm			
3'0" 914mm	35½" 902mm	36" 927mm				6'0" 1829mm	71" 1803mm	72" 1829mm			

Finished Opening Width Tolerance +1/4" / -0"

Non-standard sizes available. Check with factory for sizes and availability.

Saf-T-Fold available in 6'8" height, 2'0, 2'6, 3'9, 4'0, 5'0, and 6'0 widths

Steel Bifold Specifications

Short Form: Wardrobe and closet doors, so specified to be Slimfold® prefinished metal folding doors manufactured by Slimfold® Products Division, meet or exceed Voluntary Product Standard PS38-70, as published by the U.S. Department of Commerce, National Bureau of Standards.

Full Form: Door panels and reinforcing stiffeners shall be 24-gauge cold rolled steel.

Alternate for coastal areas with high salt content atmosphere: A hot dipped coating of zinc-iron alloy (galvanized) is recommended. Also recommended for bathrooms, laundry rooms, HVAC areas or any high-humidity situation. Contact factory for proper re-painting instructions.

Door panels shall be accurately formed and reinforced with 4" wide stiffeners welded to backs and flanges of panels. Panels shall be hinged in pairs with a minimum of 10" (25.40cm) of piano-type hinges. Panels to be sound-deadened with corrugated fiberboard or absorbent, as option.

All mounting hardware shall be factory installed. Rods to be zinc plated cold rolled steel with yellow dichromate finish. Patented weight bearing pivot rods to be 9/16" (0.79cm) diameter, adjustable screw

type, and securely held in position by nylon rod clamp assemblies. Guide rods and upper pivot rods shall be 1/4" (0.64cm) in diameter, spring loaded for easy self-alignment, and securely held in position by self-retaining nylon sleeves. Top and bottom tracks are .05 mill finish aluminum. Pivot sockets and rubber track bumpers shall be adjustable to allow lateral alignment and be preset in the track. Sockets are steel zinc plated and waxed. Doors to be supplied prefinished. Mill finish bottomless track bracket available as an option. Consists of one bracket, socket and mounting screws per two-panel unit. Alignment brackets included on four-panel units. Hardware packages consisting of knobs or pulls, screws, and felt discs to be supplied with each door.

Mirrors shall be high quality, double strength with mylar trimmed edges and shall fully cover the panel. They shall conform to Government Specification DD-M-00411 (b) and be securely mounted with double faced polyurethane tape, which shall also act as a shock absorbing cushion for the glass. Channels shall protect the top and bottom edges of the mirror.

All specifications are based on latest product information available at time of publication approval. We reserve the right to make changes at any time and without notice, in material specifications and styles.

Limited Lifetime Warranty

Slimfold® Products Division warrants to the purchaser that its products, when utilized for interior door use, will be free from defects in materials and workmanship for the life of the product.

Slimfold® Products manufactured with galvanized steel are additionally warranted against rusting for a period of one (1) year from the date of purchase, provided the finish has not been cut or abraded through the metal. Galvanized steel should be used where air has a high salt content or in locations with high humidity; see specifications.

This warranty is applicable only when the products covered by it have been installed in accordance with the recommended written installation instructions of

Slimfold® Products Division and with established building practices, have been accorded treatment which is considered good practice in the building industry regarding storage and maintenance, and have been subjected only to normal use. Because Slimfold® Products Division cannot control the manner in which its products are handled after leaving its premises, this warranty does not apply to the finish or other damage occurring during shipment.

There are no warranties, express or implied, which extend beyond the description on the face hereof, including the implied warranty of merchantability and the implied warranty of fitness for a particular purpose.

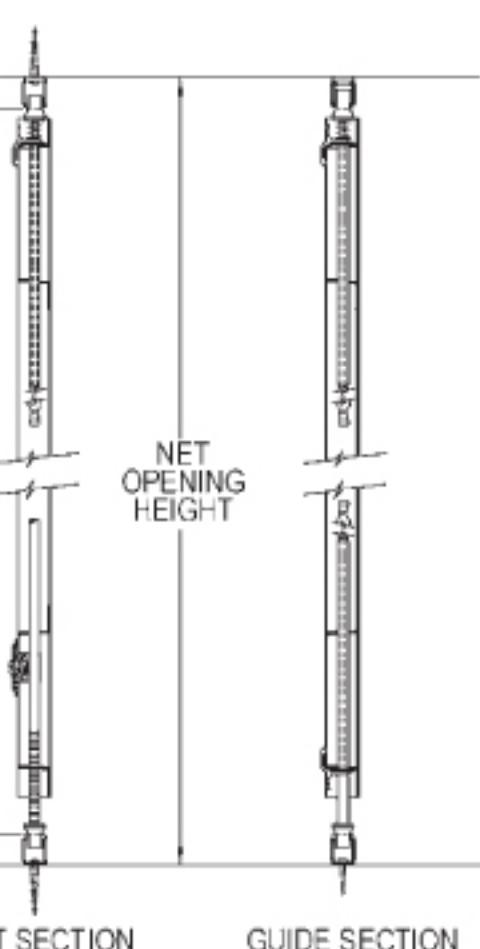
Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply in some cases.

In the event the original consumer purchaser of any Slimfold® product believes that the door or any parts thereof covered by this warranty is defective, a letter outlining the alleged defect should be sent postage prepaid to the following address:

**Slimfold® Products Division
PO Box 8577
Dothan, AL 36304-0577**

Any Slimfold® Products part covered by this warranty which, upon inspection by an authorized representative of Slimfold® Products Division, are found by said representative to be defective, will be repaired or replaced at the option of Slimfold® Products Division. The purchase price of the part will be refunded and does not include labor, installation costs, finishing costs, shipping costs, or indirect or consequential damages of any nature. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

This warranty bestows certain legal rights, and you may also have other rights which vary from state to state.



Closet Systems

P.O. Box 8577 Dothan, AL 36304-0577
800-633-7553 334-794-0661 334-793-3462 fax
www.dunbarton.com sales@dunbarton.com

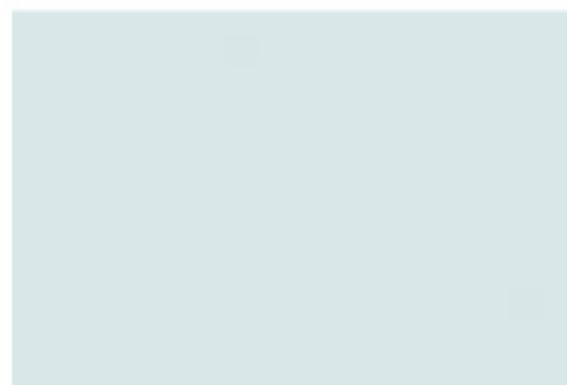


10% total recovered fiber / all post-consumer fiber

see us at
Sweets.com



Closet Systems



Bright White

- ◆ Models: 4050, 4260, 4760, 2020, 2007, 4400, 4900, 4100
- Models: All Steel Bifolds, 2200, 2250, 2700, 2750



Ivory

- Models: All Steel Bifolds, 2200, 2250, 2700, 2750



Vanilla*

- ◆ Models: 4050, 4260, 4760, 2020, 2007, 4400, 4900



Architectural Brown*

- ◆ Models: 4050, 4260, 4760, 2020, 2007, 4400, 4900



Black*

- ◆ Models: 4050, 4260, 4760, 2020, 2007, 4400, 4900
- Models: All Steel Bifolds, 2200, 2250, 2700, 2750



Arctic Silver

- ◆ Models: 4050, 4260, 4760, 2020, 2007, 4400, 4900



Satin Gold

- ◆ Models: 4050, 4260, 4760, 2020, 2007, 4400, 4900



Bright Gold (steel)

- ◆ Models: 4050, 4260, 4760, 2020, 2007, 4400, 4900



Satin Brass

- ◆ Models: 4550, 7023, 5002, 5003



Bright Brass

- ◆ Models: 4550, 7023, 5002, 5003



Satin Chrome

- ◆ Models: 4550, 7023, 5002, 5003



Bright Chrome

- ◆ Models: 4550, 7023, 5002, 5003



Polished Brass

- ◆ Models: 2200, 2250, 2700, 2750
(Mylar Trim)



Polished Chrome

- ◆ Models: 2200, 2250, 2700, 2750
(Mylar Trim)



Bright Gold (aluminum)

- ◆ Model: 4100 Overlay, SpaceSaver



Satin Silver

- ◆ Model: 4100 Overlay, Spacesaver

* Upcharge Applies

- ◆ Mirror Edging
- Steel Bifold Panel Finish



Closet Systems

1101 Technology Drive | Dothan, Alabama 36303
800-633-7553 | 334-794-0661 | fax 334-793-7022
www.slimfold-doors.com | email: slimfold@dunbarton.com



SLIMFOLD™

Closet Systems

Marker Door

Steel Marker Door with Wide Stiles and Whiteboard Panels



- "No memory" surface wipes clean – magnetic, too!
- Durable steel surface accepts dry erase markers
- Great for child's room or family "bulletin" area
- Two (2) Panels in 4', 5' or 6' widths
- New jump-resistant bottom roller!
- Adjustable top L-Guides for greater vertical adjustment
- Easy to adjust for out-of-square openings
- One piece 1-3/4" deep top track and integral fascia
- Low rise bottom track for minimal floor obstruction
- **Track:** Top and bottom track prefinished to match door
- **Stiles/Rails:** Wide variety of decorator colors
- Limited lifetime warranty

Standard Colors



Bright White



Ivory



Black



Chile Red



Toast



Burgundy



Sapphire

Premium Colors



Gray Steel*



Herbal*



Edgy Gold*



Copper*



Blue Sail*

*Indicates Premium Color; upcharge and lead time applies.

• Custom Colors Available

• Printed colors are as close as process limitations will allow; contact factory for painted color panels.

DUNBARTON Door and Entry Systems

SLIMFOLD™

Steel Marker Door with Wide Stiles and Whiteboard Panels

MARKER DOOR SPECIFICATIONS

Provide Marker Door sliding wardrobe doors manufactured by Dunbarton Corporation, Dothan, AL in the dimensions shown on the drawings and with the following attributes:

ARRANGEMENT

- a. Sliding doors shall consist of framed whiteboard panels supported by adjustable bottom rollers and adjustable top guides that travel in a threshold track and top track respectively.
- b. Top track to be prefinished steel with an integral fascia that matches the stile and rail finish.
- c. The bottom track shall be prefinished steel to match door frame and shall not exceed 5/16" (8mm) in height for minimum floor obstruction.
- d. The bottom roller shall be free floating and provide a 1" (25mm) vertical adjustment. Marker Door rollers are factory installed and shall have plain bearing acetal wheels.
- e. The adjustable top guides are factory installed and shall be permanently fixed to the top connectors and fit snugly into the vertical openings in the top track.

FRAME

- a. The frame shall consist of prefinished formed stiles and rails joined at each corner by permanently welded corner brackets.

PANELS

- a. Panels shall consist of 24 gauge steel with 1/4" high density fiberboard backer.

STILE AND RAIL FINISHES

Standard: Bright White, Ivory, Black, Chile Red, Toast, Burgundy, Sapphire

Premium (upcharges apply): Gray Steel, Herbal, Edgy Gold, Copper, Blue Sail (consult factory for lead times)

Custom Colors Available.

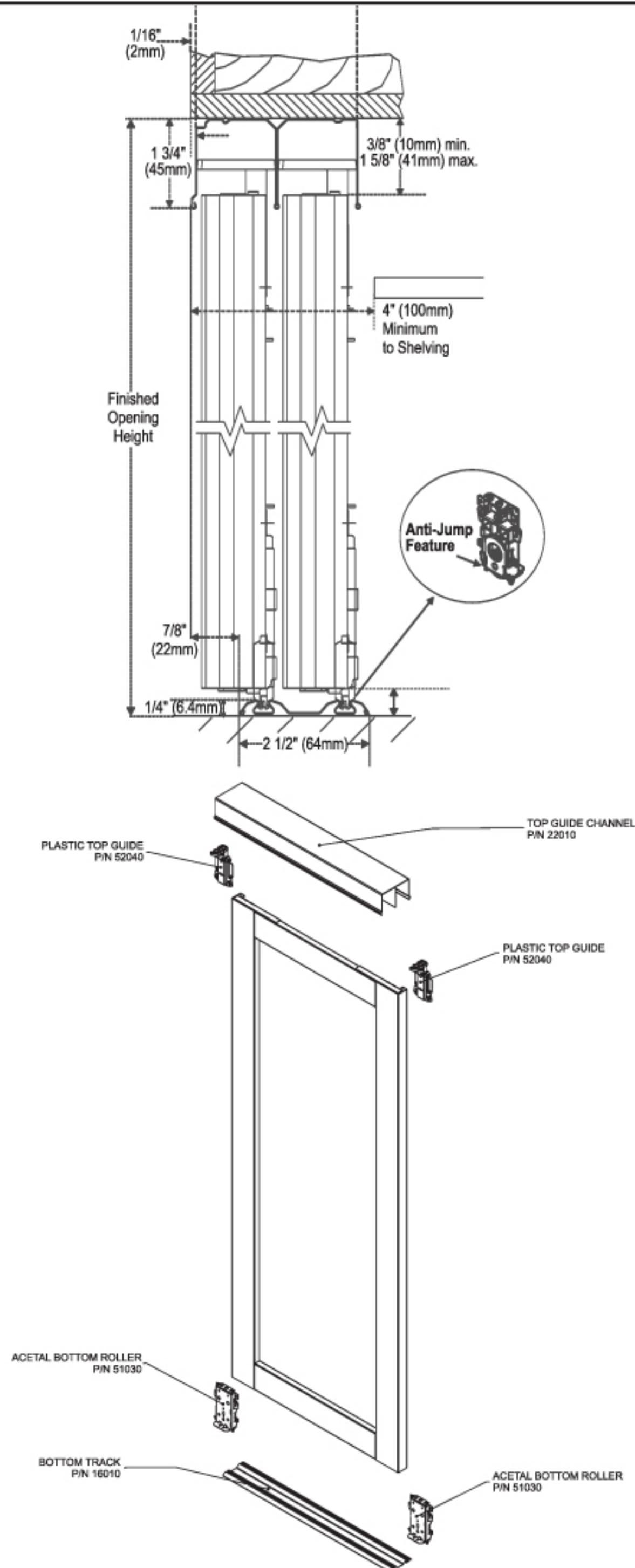
SPECIFICATIONS

STANDARD SIZES—TWO PANEL UNITS

Size	Door Width	FINISHED OPENING WIDTH	FIN. OPNG. HGHT. 6'8" Units
4'0"	24 ^{5/8} " (626)	48" (1219)	80 1/2" (2045)
5'0"	30 ^{5/8} " (778)	60" (1524)	
6'0"	36 ^{5/8} " (930)	72" (1829)	

Finished Opening Width Tolerance +1/4"/-0 (+6/-0)

All increments shown in (parenthesis) are metric (millimeter) unless otherwise indicated. Non-standard sizes available; check with your dealer for sizes and availability.



P.O. BOX 8577 | DOTHAN, ALABAMA 36302-0577
800-633-7553
 334-793-3462 (fax)
www.dunbarton.com
 email: slimfold@dunbarton.com



SLIMFOLD™

Closet Systems



SLIMFOLD™

Closet Systems

Saf-T-Fold

Steel Bifold Door with Anti-Pinch Design



- Available in Collegiate Style and all standard steel bifold styles
- Anti-pinch bifold design
- Slide Lock System
- Quiet, Heavy-Duty Steel
- Two (2) (2', 2'6, 3') or Four (4) Panels (4', 5' or 6') widths
- Available in 6'8" heights
- Easy to adjust for out-of-square openings
- Patented, durable hardware
- **Track:** Top and bottom mill finish aluminum track
- Available in Collegiate Door Style or as an option on Slimfold Bifolds
- Limited lifetime warranty



Bright White



Ivory



Black



Chile Red



Toast



Burgundy



Sapphire



Gray Steel*



Herbal*



Edgy Gold*



Copper*



Blue Sail*

*Indicates Premium Color; upcharge and lead time applies.

- Custom Colors Available
- Printed colors are as closed as process limitations will allow; contact factory for painted color panels.



Louver II



Flush



Locker

DUNBARTON Door and Entry Systems

SLIMFOLD™

STEEL BIFOLD SPECIFICATIONS

Short Form: Wardrobe and closet doors, so specified to be Slimfold® prefinished metal folding doors manufactured by Dunbarton Corporation, meet or exceed Voluntary Product Standard PS38-70, as published by the U.S. Department of Commerce, National Bureau of Standards.

Full Form: Door panels and reinforcing stiffeners shall be 24-gauge cold rolled steel.

Alternate for coastal areas with high salt content atmosphere: A hot dipped coating of zinc-iron alloy (galvanized) is recommended. Also recommended for bathrooms, laundry rooms, HVAC areas or any high-humidity situation. Contact factory for proper re-painting instructions.

Door panels shall be accurately formed and reinforced with 4" wide stiffeners welded to backs and flanges of panels. Panels to be sound-deadened with corrugated fiberboard or absorbent, as option.

Door shall have a latching mechanism actuated near top of the door. A hard stop shall be supplied to prevent the door from over-closing and ensure that the door is in the correct location for the latching mechanism to be engaged.

All mounting hardware shall be factory installed. Rods to be zinc plated cold rolled steel with yellow dichromate finish. Patented weight bearing pivot rods to be 9/16" (0.79cm) diameter, adjustable screw type, and securely held in position by nylon rod clamp assemblies. Guide rods and upper pivot rods shall be 1/4" (0.64cm) in diameter, spring loaded for easy self-alignment, and securely held in position by self-retaining nylon sleeves. Top and bottom tracks are 5/8" mill finish aluminum (.055). Pivot sockets and rubber track bumpers shall be adjustable to allow lateral alignment and be preset in the track. Sockets are steel zinc plated and waxed. Doors to be supplied prefinished. Mill finish bottomless track bracket available as an option. Consists of one bracket, socket and mounting screws per two-panel unit. Alignment brackets included on four-panel units. Hardware packages consisting of knobs or pulls, screws, and rubber bumpers to be supplied with each door.

All specifications are based on latest product information available at time of publication approval. We reserve the right to make changes at any time and without notice, in material specifications and styles.

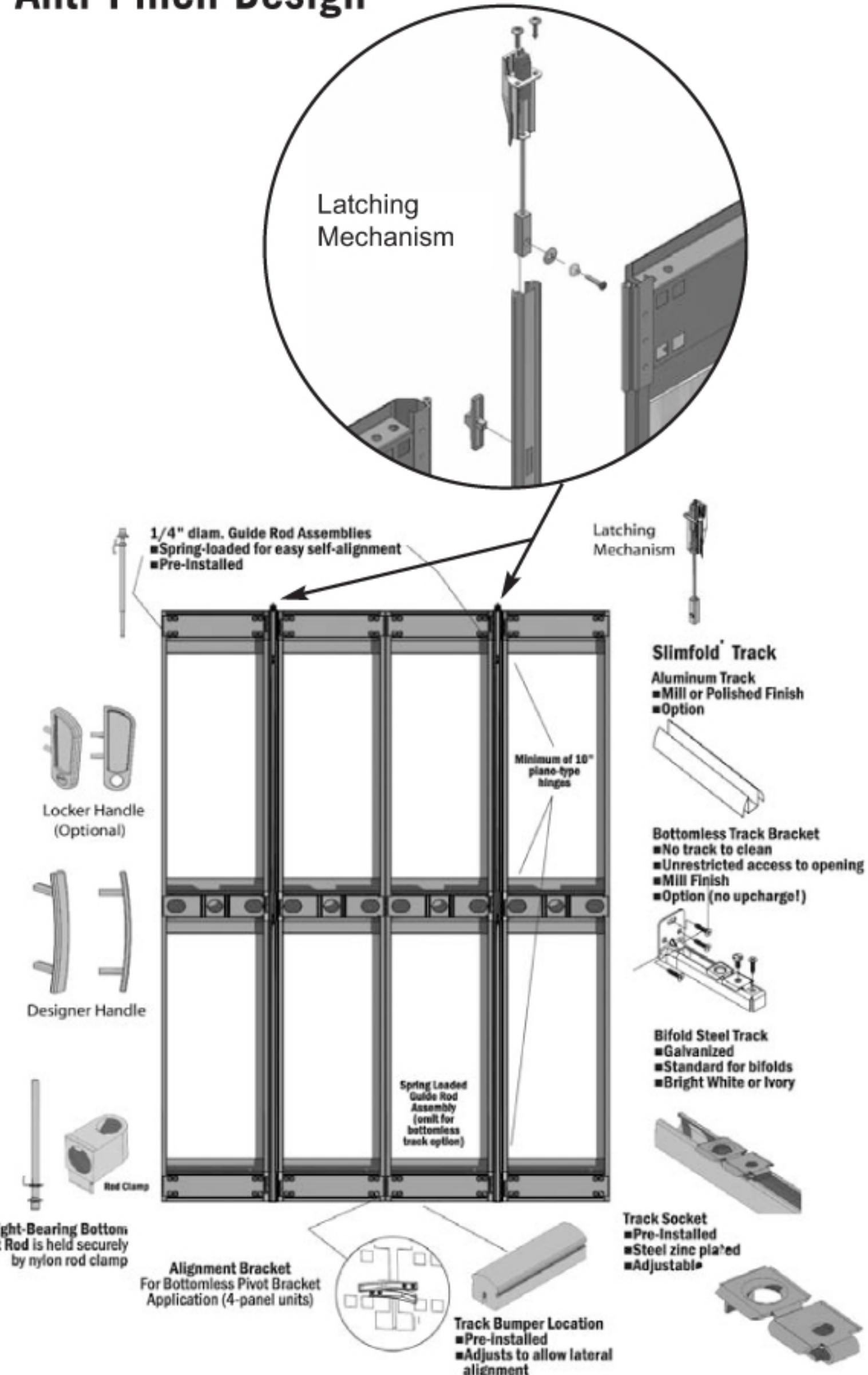
Saf-T-Fold Standard Door Sizes

Two-Panel Units

Finished Opening Width	Door Width	Max. Opening Width	Finished Height 6'8"
2'0" 610mm	23½" 597mm	24" 622mm	80-1/2" 2045mm
2'6" 762mm	29½" 749mm	30" 775mm	80-1/2" 2045mm
3'0" 914mm	35½" 902mm	36" 927mm	80-1/2" 2045mm

Finished Opening Width Tolerance +1/4" / -0"

Steel Bifold Door with Anti-Pinch Design



Four-Panel Units

Finished Opening Width	Door Width	Max. Opening Width	Finished Height 6'8"
4'0" 1219mm	47" 1194mm	48" 1219mm	80-1/2" 2045mm
5'0" 1524mm	59" 1499mm	60" 1524mm	80-1/2" 2045mm
6'0" 1829mm	71" 1803mm	72" 1829mm	80-1/2" 2045mm



SLIMFOLD™

Closet Systems



SLIMFOLD™

Closet Systems

SpaceSaver

Aluminum Double Overlay Door



- Overlays opening and does not require precise fit
- Fits non-standard openings
- Easily installed; simple, one-person job!
- Sturdy frame gives years of trouble-free operation
- Magnetic catch system adjusts to variations in opening sizes
- 3.0mm safety-backed mirror; 4mm on 3'0" widths
- Mounting Pivots: 12 gage pivot brackets eliminate track
- Stiles/Rails: Bright Gold, Satin Silver
- Limited lifetime warranty

SLIMFOLD™

MIRROR DOOR SPECIFICATIONS

Provide SpaceSaver overlay mirror wardrobe doors manufactured by Slimfold Corporation, Dothan, AL in the dimensions shown on the drawings and with the following attributes:

ARRANGEMENT

- a. Overlay mirror doors shall consist of two mirror panels framed with anodized aluminum stiles and rails secured together with screws.
- b. Overlay mirror doors shall be supported by 12 gage pivot brackets at both the top and bottom and shall be prefinished to match the framing.
- c. A quieting nylon pivot bushing shall be used to interface between the frame and the pivot brackets.
- d. Magnetic catches shall be capable of being mounted on the inside perimeter of the header opening and utilize a one-piece plate that does not require adjustments for variations in opening sizes.
- e. Stile profile shall be such that it consists of an integral pull.

PANELS

- a. 3mm float plate glass mirror (4mm on 3'0" widths), safety backed to conform with Uniform Building Code Standard 24-2, Part II. Safety mirror 400 lb. ft. Impact test ANSI Z-97.1 1984 boil and impact test.
- b. Mirror is to be received and mechanically locked into frame components and utilizes a flexible glazing channel.

FINISHES

Bright Gold, Satin Silver

Specifications

STANDARD SIZES

Width	Panel Width	Assembled Door Width	Distance Between Cut Moldings
2'0" (610)	14 7/32" (361)	28 9/16" (725)	28 1/8" (714)
2'6" (762)	17 7/32" (437)	34 9/16" (878)	34 1/8" (867)
2'8" (813)	18 7/32" (463)	36 9/16" (929)	36 1/8" (918)
3'0" (914)	20 7/32" (514)	40 9/16" (1030)	40 1/8" (1019)
4'0" (1219)	26 7/32" (666)	52 9/16" (1335)	52 1/8" (1324)

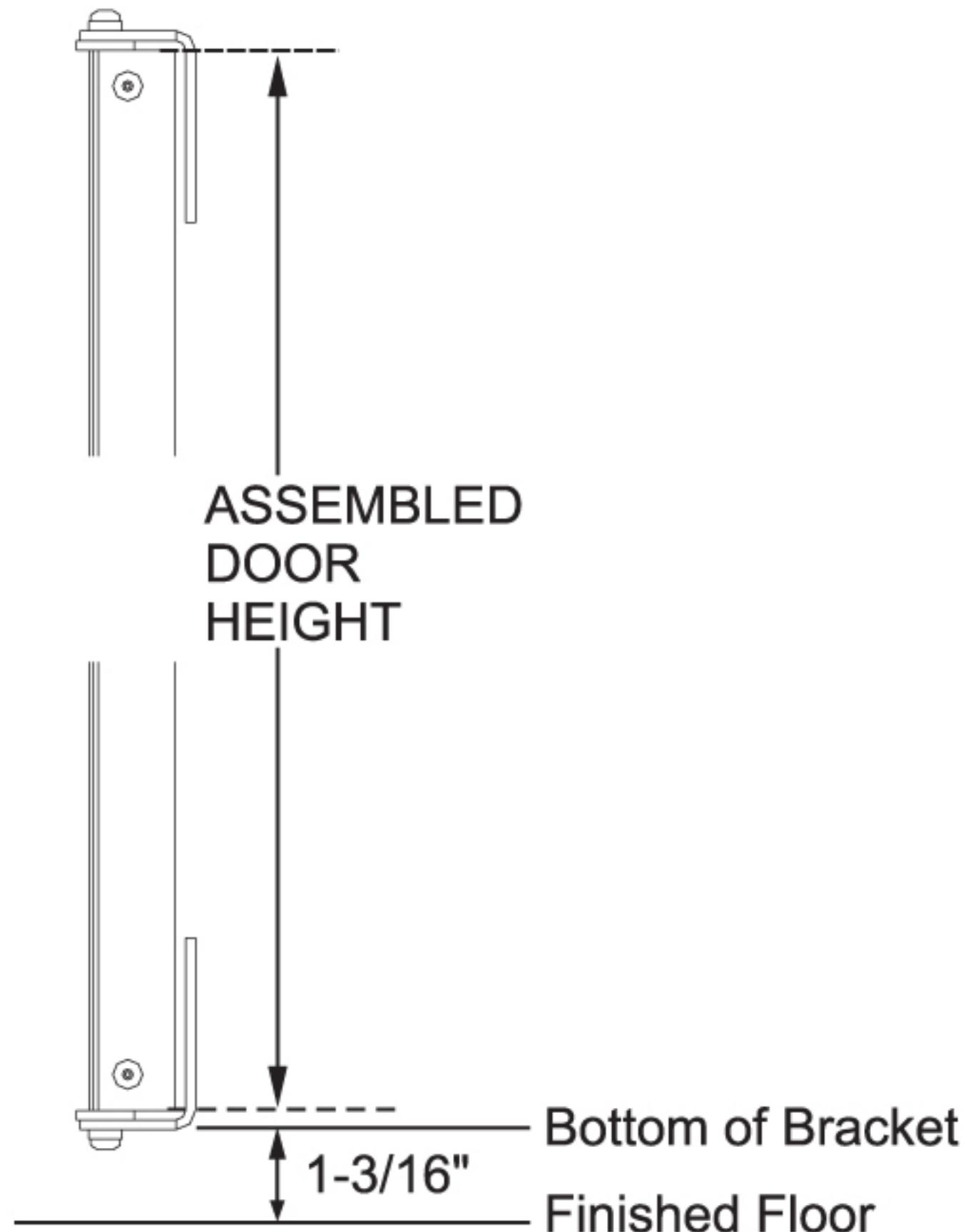
Finished Opening Width Tolerance: Bracket Locations will vary based on actual finished opening size.

SpaceSaver Aluminum Double Overlay Door

Nominal Height	Finished Opening Height	Assembled Door Height
6'8"	80 1/2" (2045)	81" (2057)
7'0"	84" (2133)	84 1/2" (2146)

SPECIAL SIZES: Distance between cut molding edges is finished opening + 4-1/8".

All increments shown in (parenthesis) are metric (millimeter) unless otherwise indicated. Non-standard sizes available; check with your dealer for sizes and availability.



SLIMFOLD™

Closet Systems

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SLIMFOLD™

Closet Systems

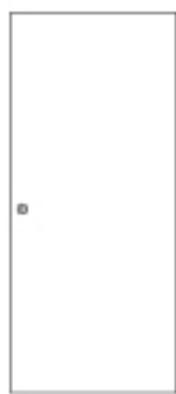
Furnace Doors

Louvered Furnace Doors designed for beauty and safety

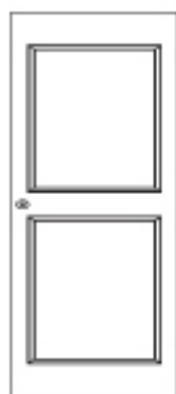


- Single-panel, full-louvered doors
- Cold-rolled or galvanized (optional) steel
- Smooth or textured finish
- Meets or exceeds testing codes:
 - Flame spread requirements per ASTM E84-94
 - Meets ventilation standards
- Easy to install
- **Hinge:** Riveted on door
- **Colors:** Bright White, Ivory
- Limited lifetime warranty

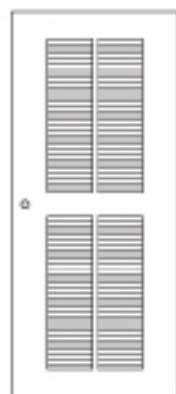
SLIMFOLD FURNACE AND WATER HEATER DOORS SPECIFICATIONS



Model 100
Flush



Model 100
Classic



Model 250



Model 325



Model 325
Classic



Model 500

CONSTRUCTION / FINISH

Slimfold furnace doors are single-panel doors are non-louvered, partial- or full-louvered.

- Bright White or Ivory
(Electrostatically applied, baked on enamel)
- Cold rolled or galvanized steel (optional)
- Smooth or textured finish
- Reinforced with three (3) 3" wide, 24-gauge cold-rolled steel stiffeners, welded to back and flanges of panel (12 welds per stiffener)
- Welded on hinge (doors available with track and pivot assembly as an option*)
- No jamb required
- 20", 22", or 24" Widths
- Meets ventilation standards

USAGE

Model 100: Water heater or pantry area

Model 250 / 325: HVAC area; meets most HVAC free air space requirements*

Model 500: HVAC area; best HVAC free air space requirements (See Specifications below)

FLAME SPREAD

Slimfold furnace doors meet requirements per ASTM E84-94 as tested by Warnock Hersey.

Model 250: Flame spread index = 0; Fuel contribution index = 0; Smoke developed index = 20

Model 325: Flame spread index = 0; Fuel contribution index = 0; Smoke developed index = 15

FINISH STANDARDS

Furnace door panels have been evaluated a Grade 7 or better in accordance with ASTM D610 "Standard Method of Evaluating Degree of Rusting on Painted Steel Surfaces." Humidity testing per ASTM D2247 is 200 hours.

HARDWARE

Two (2) hinges with six (6) #8 wood screws, one (1) panel doorknob with screw.

PACKAGING

Furnace doors come packaged four (4) to a carton (CTN) as standard.

SPECIFICATIONS

Size	Door Width	Door Height	Finished Opening Size*	Ship Weight	Free Air Space*		
					#250	#325	#500
20"	20"	78-1/2"	20-1/2" x 80-1/2"	58 lbs/CTN	238 sq. in.	343 sq. in.	521 sq. in.
22"	22"	78-1/2"	22-1/2" x 80-1/2"	64 lbs/CTN	257 sq. in.	347 sq. in.	525 sq. in.
24"	24"	78-1/2"	24-1/2" x 80-1/2"	70 lbs/CTN	261 sq. in.	351 sq. in.	529 sq. in.

FURNACE DOOR INSTALLATION

Slimfold's furnace doors are quick and easy to install. Following these easy steps, your furnace door can be installed in a few minutes.

- Open hinges to a 90-degree angle
- Position door against hinge jamb so that top hinge measures 7-1/4" from header
- Secure top opening of hinge, then top opening of bottom hinge to jamb, using #8 x 1-1/4" screws provided.
- Close door into opening to confirm proper alignment.
- Complete hinge attachment to jamb
- Attach doorknob to panel using screw provided

*Contact factory for specifications on track / pivot assembly option.



SLIMFOLD™

Closet Systems

Slimfold Products, A Division of the Dunbarton Corporation

P.O. Box 8577 Dothan, AL 36304-0577

Toll Free: (800) 633-7553 Tel: (334) 794-0661 Fax: (334) 793-3462

Web Page: www.dunbarton.com E-mail: slimfold@dunbarton.com

	Fiberglass Doors	Steel-Wood Edge Doors	Steel-Steel Edge Doors
Door Gauge		24 and 25 gauge	24 and 22
Wall Sizes (Steel Frame)	4" to 12-1/2"	4" to 12-1/2"	4" to 12-1/2"
Wall Sizes (Wood Frame)	4-9/16", 4-7/8", 6-9/16"	4-9/16", 4-7/8", 6-9/16"	4-9/16", 4-7/8", 6-9/16"
Trim Options (Steel Frame)	Wood by others (standard), Steel, Aluminum, or S56 Colonial		
Trim Options (Wood Frame)	Wood by others, Optional brick mould		
Finishes	Prime (smooth & woodgrain) Stained (woodgrain) (Frame to be white prime or stained)	White Prime Custom Color (Frame to be white prime or custom color / stain)	White Prime (Standard) Custom Color (Frame to be white prime or custom color / stain)
Steel Frame Base Gauge	18 or 20	18 or 20	18 or 20
Configurations	Singles, Pairs, Patio	Singles Pairs, Patio	Singles, Pairs, Patio
Lites – No Fire Rating	9-Lite, 9-Lite Clear, 15-Lite, 15-Lite Clear, Sunburst 8 x 6 2-Lite, 22 x 6 4-Lite, 8 x 42 Bullit (8-panel)		9-Lite, 9-Lite Clear, 15-Lite, 15-Lite Clear, Sunburst 8 x 6 2-Lite, 22 x 6 4-Lite
Lock Preps	Single Bore Double Bore	Single Bore Double Bore 2-1/2 Bore	Single Bore Double Bore 8" Edge Prep Only Vingcard Tessa
Viewer Preps	1/2" or 9/16" 47° or 59° from of door	1/2" or 9/16" from bottom of door	1/2" or 9/16" from bottom of door
Hinges	4 x 4 Spring, plain bearing, ball bearing or NRP US4, US26D, US3, US26, and Prime Finishes available.		
Thresholds	Endura 1-3/8" High Dam Inswing Endura Z-Series Bumper Outswing 4-9/16" or 6-9/16" ADA Inswing with Thermal Break 5-5/8" ADA Outswing with Thermal Break 1-1/4" Fixed Inswing (Wood Jamb only) 1/2" Saddle Sill (Wood Jamb only)		
Fire Ratings Single Swing Only	20 minute mylar 20 minute (neutral pressure) 2'8 x 6'8 3'0 x 6'8	20 minute mylar 20 minute (24 or 25 gauge only) 3'0 x 6'8 max	90 min. mylar, neutral pressure standard (steel frame only) 90 min. neutral and positive pressure available (steel frame only)
Florida Building Code FBC Approved (steel frame only) per 1609.1.4 HVHZ – Must have Impact Resistant Covering	Up to 3'0 x 6'8 Opaque +65.0 / -66.0 psf Up to 3'0 x 6'8 Glazed +45.0 / -50.0 psf (Wind borne debris regions)	Up to 3'0" x 6'8" Opaque +65.0 / -66.0 psf Up to 3'0" x 6'8" +45.0 / -50.0 psf	Up to 3'0" x 6'8" Opaque ± 47 psf Florida Building Code Testing on Wood Jambs Scheduled August, 2007

ROUGH OPENING DIMENSIONS – STEEL FRAMES		ROUGH OPENING DIMENSIONS – WOOD FRAMES			
Width	Nominal Door Width + 1"	Width	Nominal Door Width + 2-1/4"		
Height	Net Frame Height + 1/2" (Wood Trim)	Height	Threshold	Frame Height	Rough Opening Height
	Net Frame Height + 1" (Steel, Aluminum or S56 Trim)		1-1/4" Fixed	80-7/8"	82-1/8"
			1/2" Saddle	80-1/8"	81-3/8"

INSTALLATION SHEET

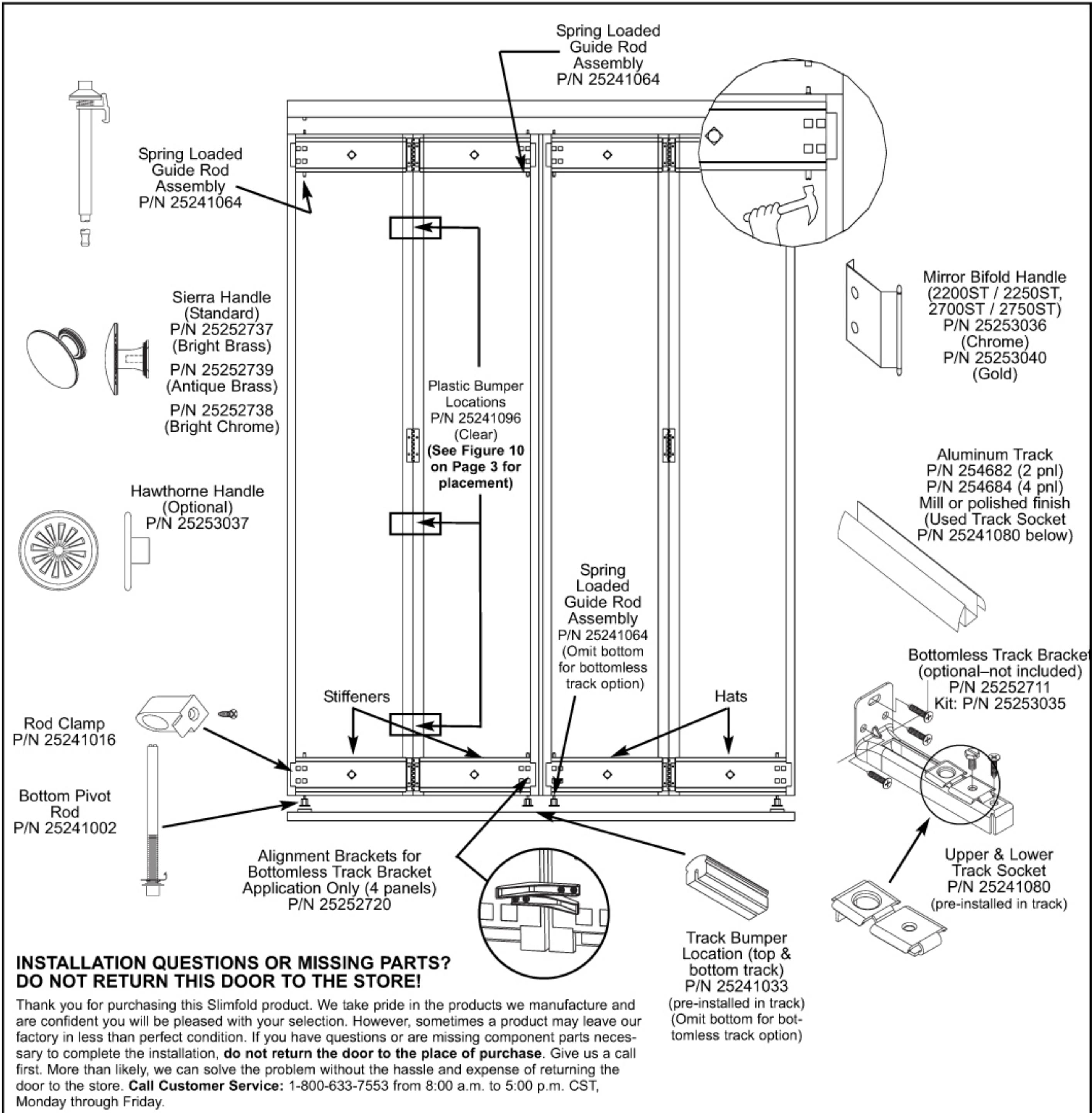
Keep These Instructions!

PLEASE FOLLOW ALL INSTRUCTIONS AND ALWAYS
USE PROTECTIVE EYEWEAR WHEN INSTALLING A
DOOR SYSTEM. PLEASE READ INSTRUCTIONS
COMPLETELY.

2-or 4-PANEL BIFOLD

All Steel Bifold Door Systems

Mirror Bifold Door Systems: 2700ST, 2725ST, 2750ST, 2775ST



SLIMFOLD™

Closet Systems

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25273055 SF400 Rev. 2/07

BEFORE YOU BEGIN

PLEASE FOLLOW ALL INSTRUCTIONS AND ALWAYS USE PROTECTIVE EYEWEAR WHEN INSTALLING A DOOR SYSTEM. PLEASE READ INSTRUCTIONS COMPLETELY.

Assemble Tools

Safety glasses	Level
Phillips head screwdriver	Tape Measure
Straight head screwdriver	Power drill or screw gun (3/16" bit)

Measure Opening

Measure the Finished Opening Size; refer to Specifications below to insure proper door size.

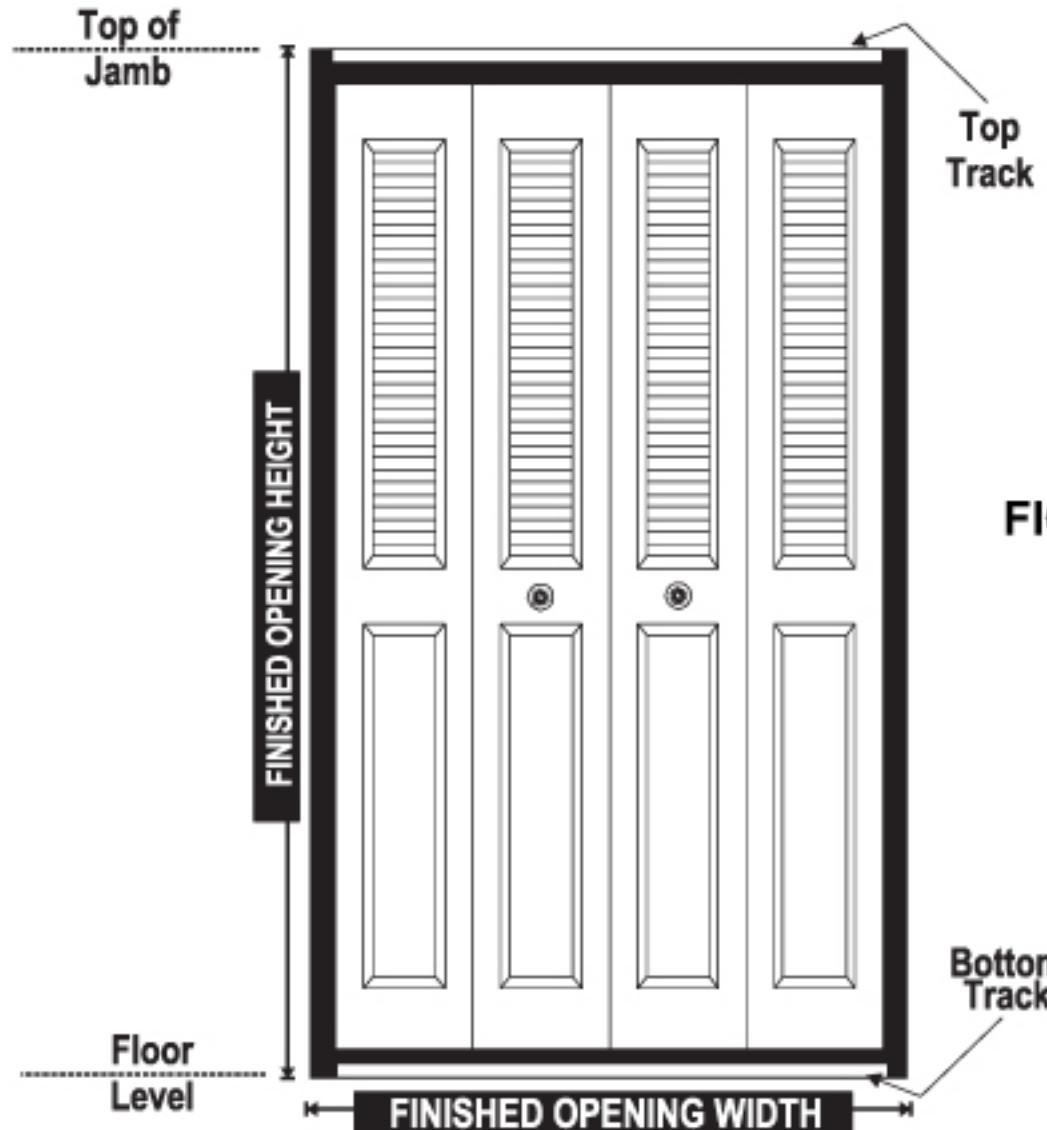


FIGURE 1

Specifications STANDARD SIZES—TWO PANEL UNITS

FINISHED OPENING FINISHED OPNG. HEIGHTS

Size	Door Width	OPENING WIDTH	6'8" Units	7'6" Units	8" Units
1'6" (457)	171/2" (445)	18" (457)			
1'9" (533)	201/2" (521)	21" (533)			
2'0" (610)	231/2" (597)	24" (610)	801/2" (2045)	90" (2286)	96" (2438)
2'3" (686)	261/2" (673)	27" (686)	+/-1/4" (+/-6)	+/-1/4" (+/-6)	+/-1/4" (+/-6)
2'6" (762)	291/2" (749)	30" (762)			
2'9" (838)	321/2" (826)	33" (838)			
3'0" (914)	351/2" (902)	36" (914)			

STANDARD SIZES—FOUR PANEL UNITS

FINISHED OPENING FINISHED OPNG. HEIGHTS

Size	Door Width	OPENING WIDTH	6'8" Units	7'6" Units	8" Units
3'0" (914)	35" (889)	36" (914)			
3'6" (1067)	41" (1041)	42" (1067)			
4'0" (1219)	47" (1194)	48" (1219)	801/2" (2045)	90" (2286)	96" (2438)
4'6" (1372)	53" (1346)	54" (1372)	+/-1/4" (+/-6)	+/-1/4" (+/-6)	+/-1/4" (+/-6)
5'0" (1524)	59" (1499)	60" (1524)			
5'6" (1676)	65" (1651)	66" (1676)			
6'0" (1829)	71" (1803)	72" (1829)			

All increments shown in (parenthesis) are metric (millimeter) unless otherwise indicated. Non-standard sizes available; check with your dealer for sizes and availability.

INSTALLATION

1. Remove Door from Packing Material

Carefully open the door package and remove the track packed inside the door (track can be packed separately if requested). Locate hardware bag(s) containing the following components for four-panel doors:

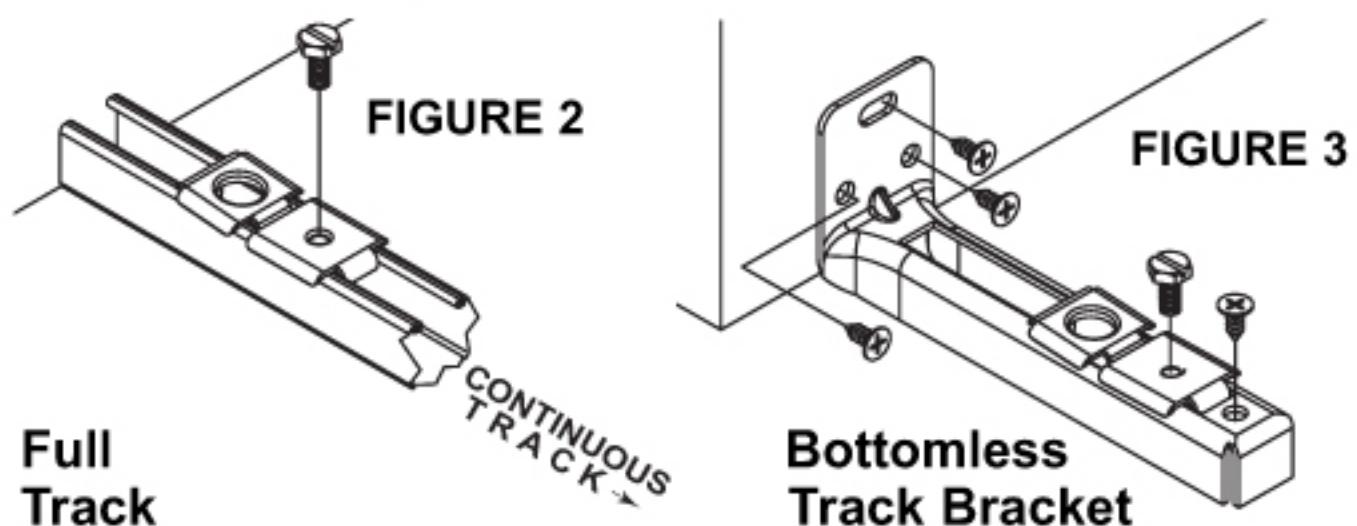
STEEL & MIRROR BIFOLDS (4-PANEL):

- Four #10 x 1-1/4" pan screws
- Four #10 x 3/4" screws
- Round self adhesive plastic bumpers
- Steel Bifold Handles:
 - **Classic, Louver II, Flush, Westchester, Lancaster:** Two Sierra handles with two 1/4" screws (one handle for 2-panel)
 - **Roanoke:** Four Roanoke handles with four long-barrel screws with nuts (two handles for 2-panel)
 - **2700ST MIRRORS:** Two bifold handles with four #10-24x1 pan head screws, four locknuts and four cup washers (one handle for 2-panel)

2. Set The Tracks

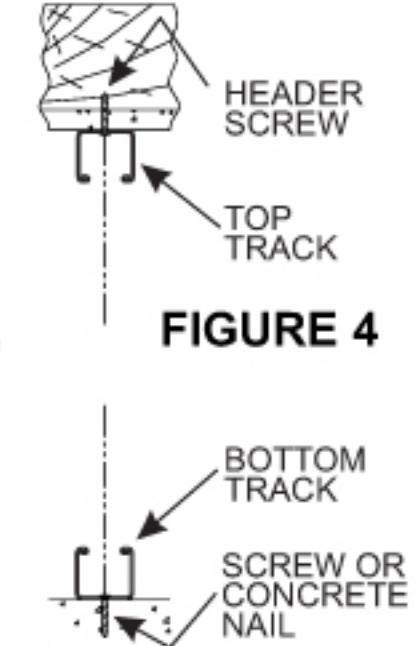
Full Tracks (Figure 2): Center upper track on header (Figure 4). Secure track to header, using three #10 x 1-1/4" pan head

Bottom Track Options



screws (Figure 4). Set lower track directly below top track and attach to floor using #10 x 3/4" screws or concrete nails (Figures 2, 4). For a flush fit, set front of top and bottom track 5/8" in from the jamb face.

Bottomless track (Optional; Figure 3): Set upper track on header (Figure 4). Set bottomless track bracket on floor directly below top track. Fasten bottomless track bracket to wall using three #10 x 1-1/4" pan head screws (Figure 3). Secure to floor using #10 x 1-1/4" pan head screw (Figures 3, 4).



New Construction: For best results and performance, it is recommended that the track be put down before laying carpet. Depending upon the height of the finished floor, a continuous wood shim can be placed underneath the track to provide additional clearance between the door and carpet. The carpet can be installed up to the track and the door can be installed later.

Existing Dwelling: When installing SLIMFOLD doors in an area where carpet has been previously laid, lay the track on top of the existing carpet and screw into the floor below. **CAUTION:** Turn screw slowly to avoid causing a runner in the carpet.

3. Prepare Doors for Installation

Position doors face down on surface that will not mar finish, with bottom of doors (containing threaded pivot rods) closest to you. Located the threaded pivot rod at the lower jamb corner of one door (Figure 5). Loosen the rod clamp screw and screw pivot rod until nylon bushing is about $1/4"$ below bottom of door. Prepare second panel set the same way.

4. Install Doors in Opening

Lift one panel set into opening and insert lower threaded pivot into bottom track socket (Figure 6).

Center upper pivot under track socket and tap rod to release (Figure 7). Center lower and upper guides on track groove and tap rod to release. Repeat for second panel.

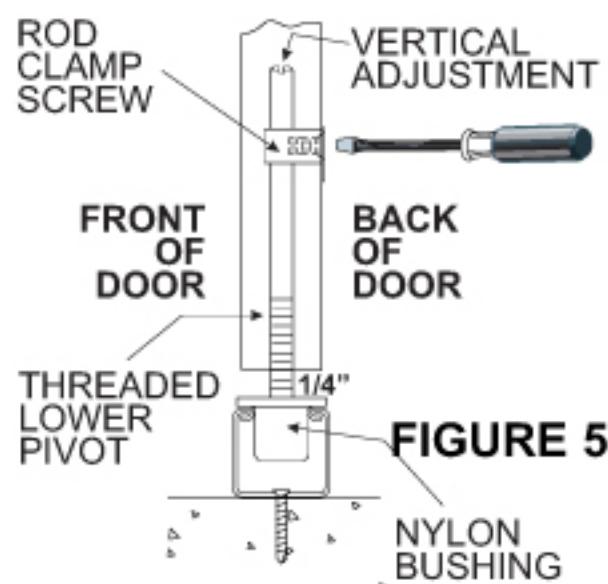


FIGURE 5



FIGURE 6

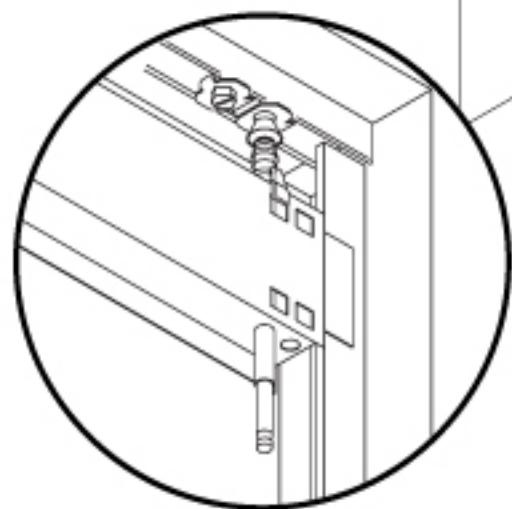
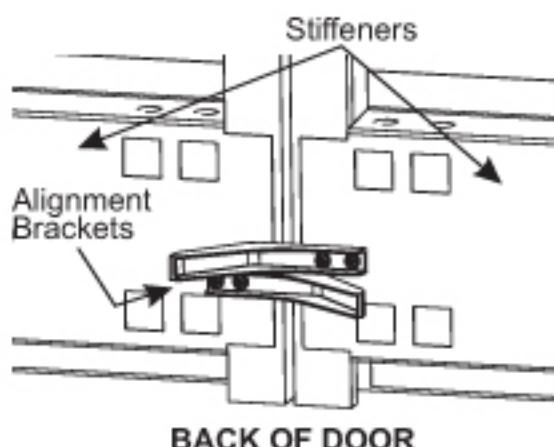


FIGURE 7

FIGURE 8



Additional Instructions for bottomless track bracket application (4-panel doors only): Bottomless track bracket requires the use of two **alignment brackets** at the bottom of each panel, attached to the stiffener (Figure 8).

Attaching alignment brackets:

While doors are face down on flat surface, position one alignment bracket with line indicator parallel with edge of door (Figure 9).

Attach bracket to door using two self-drilling screws. Repeat on second

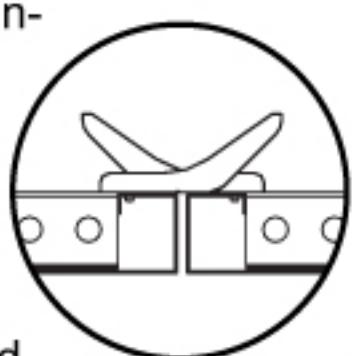


FIGURE 9

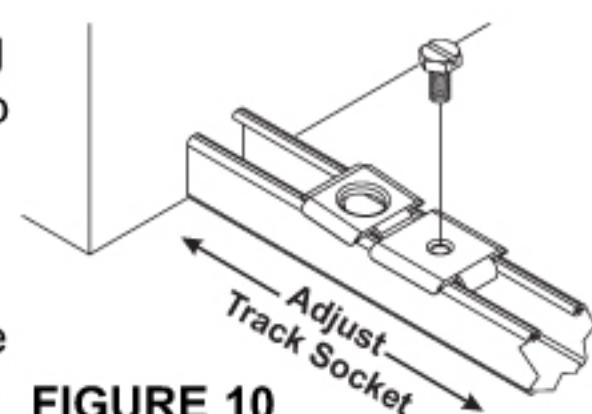
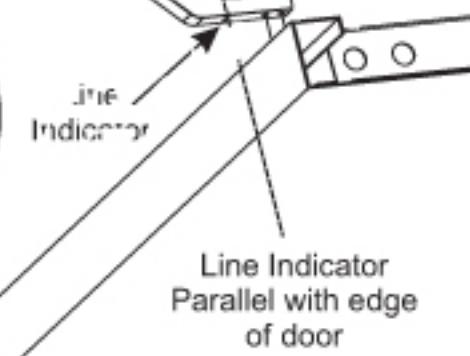


FIGURE 10

5. Adjust Doors to Opening

To make tops of panels parallel to top track, begin adjustment with doors in closed position. Loosen lower or upper track socket and slide in the desired direction (Figure 10). If necessary, adjust track sockets to obtain $1/8"$ clearance

between the panels at the center when doors are in the closed position. To make tops of panels even, raise or lower panels by adjusting top of lower pivot (see Vertical Adjustment, Figure 5) to allow $1/8"$ between top track and top of panels. **TIGHTEN ROD CLAMP SCREW ON THREADED PIVOT.**

6. Install Plastic Bumpers

The round self-adhesive plastic bumpers go on the folded edge between the hinged panels and may be moved up, down, in or out until doors close flush (Figure 11). (Three discs per 2-panel unit.)

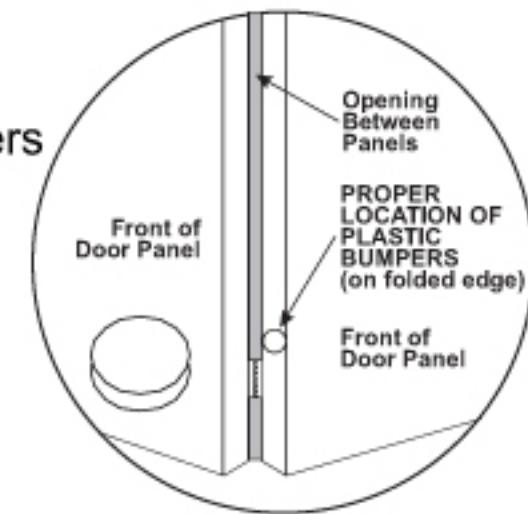


FIGURE 11

7. Track Bumpers

The track bumpers are self centering and are pre-installed in the upper and lower tracks. After all adjustments are made, close both doors with the track bumper in the center (Figure 12). The doors will automatically push the track bumper to the proper location.

For improved operation, firmly set the top bumper in the track. Track bumpers may be trimmed to allow doors to close completely. **DO NOT**

OVERTIMING! The bumpers must be long enough to create tension against the pivot spring rods.

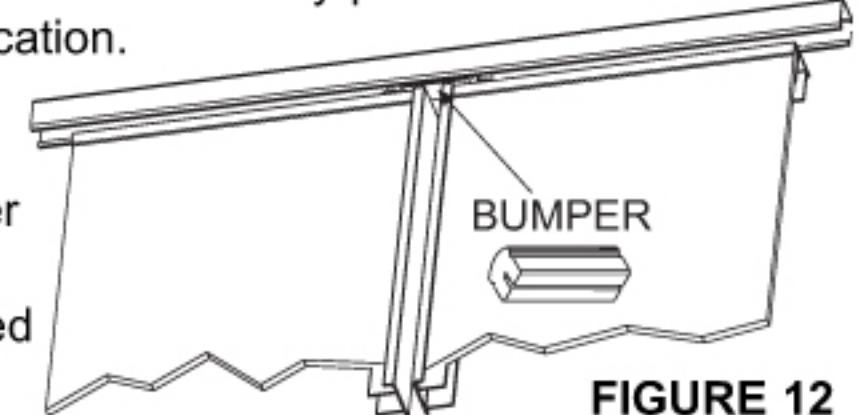


FIGURE 12

8. Handle Locations / Installation

Most metal bifold doors have pre-drilled holes to accept the handles. If your door is not pre-drilled, please refer to Figure 13 for location of handles. Drill a $3/16"$ hole with a metal drill bit.

FIGURE 13

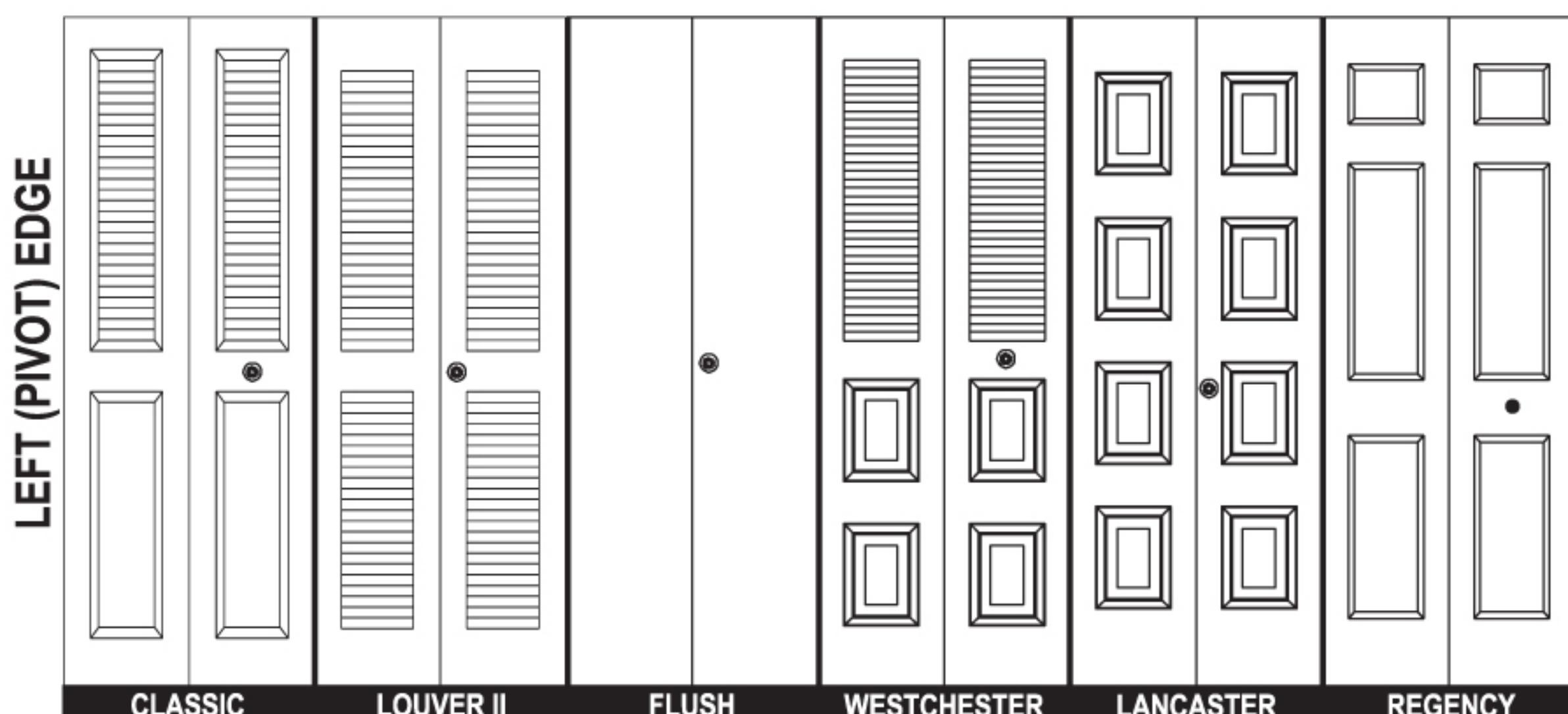
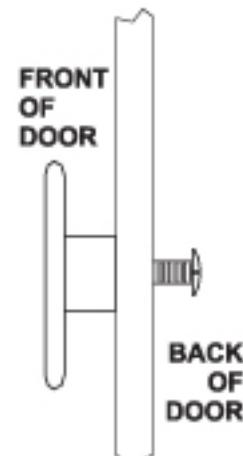


FIGURE 14**FIGURE 15**

Steel Bifolds: Insert appropriate handle screw through drilled hole on back side of door panel. From front, engage the handle and screw (Figure 15).

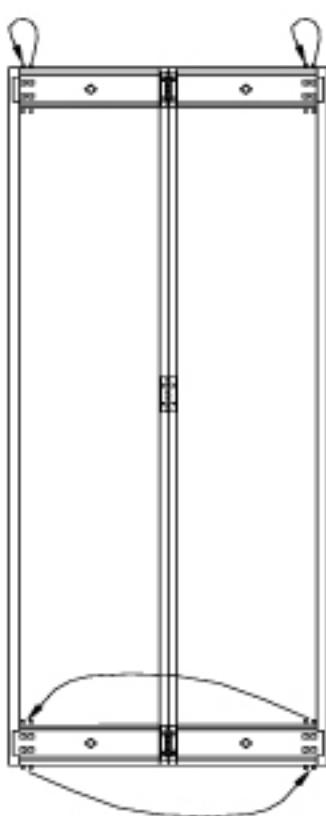
DO NOT OVERTIGHTEN.

2700ST SERIES MIRRORS: Position handle over two pre-drilled handle holes. Insert handles screws through handle and then through door edge. Thread cup washer and locknut on screw from back side of door (Fig. 14).

9. Changing Left Handed to Right Handed Door (Two-panel units)

To change a left handed door to right handed door, place door face down. Move bottom threaded pivot rod from inside right hole to inside left hole. Move bottom left spring loaded guide rod from outside left hole to outside right hole.

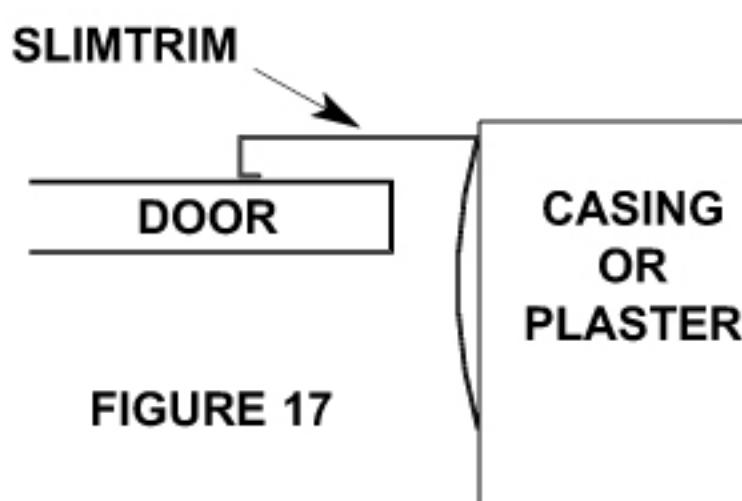
Move top right spring loaded rod assembly from inside hole to outside hole. Move top left spring loaded rod assembly from outside hole to inside hole (Figure 16).

**FIGURE 16**

10. Slimtrim™ Installation

Slimtrim™ is a side molding designed and finished to blend with closet doors; perfect to cover odd size opening gaps up to 2-1/4".

Order Slimtrim to fit opening height. To assure neatly finished opening on all sides, select screws or nails of the proper length. Install Slimtrim™ flush with jamb corner. Use slotted holes to achieve proper adjustment. A short length of fascia trim (3/4" only) may also be used as a valance to conceal upper track (Figure 17).

**FIGURE 17**

SLIMFOLD PRODUCTS LIMITED LIFETIME WARRANTY

Slimfold Products Division warrants to the purchaser that its products, when utilized for interior door use, will be free from defects in materials and workmanship for the life of the product.

Slimfold Products manufactured with galvanized steel are additionally warranted against rusting for a period of one (1) year from the date of purchase, provided the finish has not been cut or abraded through the metal. Galvanized steel should be used where air has a high salt content or in locations with high humidity.

This warranty is applicable only when the products covered by it have been installed in accordance with the recommended written installation instructions of Slimfold Products Division and with established building practices, have been accorded treatment which is considered good practice in the building industry regarding storage and maintenance, and have been subjected only to normal use. Because Slimfold Products Division cannot control the manner in which its products are handled after leaving its premises, this warranty does not apply to the finish or other damage occurring during shipment.

There are no warranties, express or implied, which extend beyond the description on the face hereof, including the implied warranty of merchantability and the implied warranty of fitness for a particular purpose.

Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply in some cases.

In the event the original consumer purchaser of any Slimfold product believes that the door or any parts thereof covered by this warranty is defective, a letter outlining the alleged defect should be sent postage prepaid to the following address:

**Slimfold Products Division
PO Box 8577
Dothan, AL 36304-0577**

Any Slimfold Products part covered by this warranty which, upon inspection by an authorized representative of Slimfold Products Division, are found by said representative to be defective, will be repaired or replaced at the option of Slimfold Products Division. The purchase price of the part will be refunded and does not include labor, installation costs, finishing costs, or indirect or consequential damages of any nature. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

This warranty bestows certain legal rights, and you may also have other rights which vary from state to state.

CARING FOR YOUR SLIMFOLD DOOR KEEP TRACK FREE OF DIRT AND PAINT!

Steel Bifolds

Clean steel surface with a soft cloth using a mild detergent and water. Do not use harsh cleaners or abrasive.

Mirrors

- Clean mirror surface with clean, warm water or approved glass cleaner. Do not use any acid or alkali cleaners or cleaners with ammonia base. They will attack front surface, edges and backing of glass.
- Use a clean, soft cloth when cleaning to avoid scratching mirror surface.
- Never spray any cleaner directly on to the mirror. Apply to cloth first, then wipe mirror.
- Be sure to dry all edges thoroughly.



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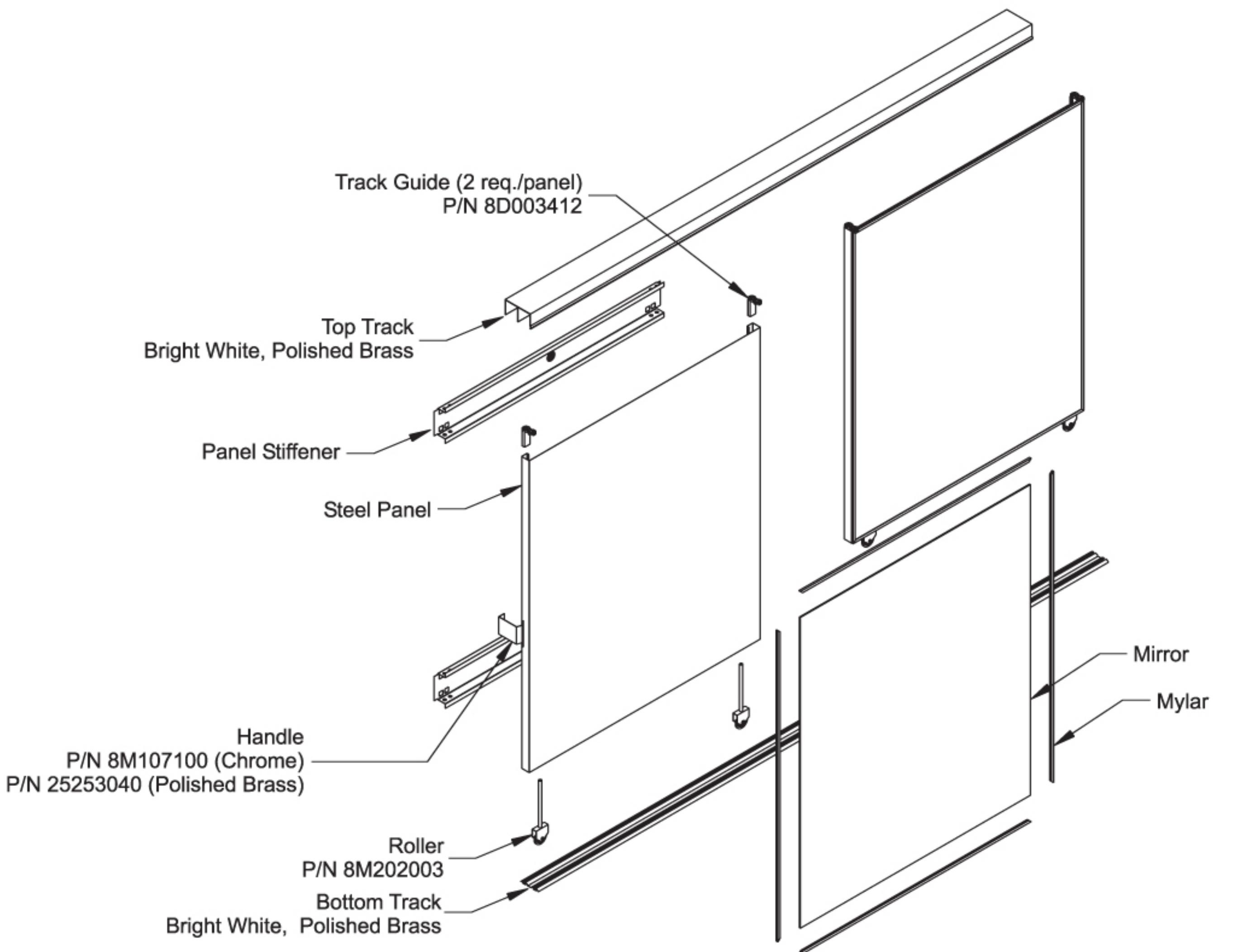
Toll Free: (800) 633-7553 Tel: (334) 794-0661 Fax: (334) 793-3462

Web Page: www.dunbarton.com E-mail: slimfold@dunbarton.com

INSTALLATION SHEET**Keep These Instructions!**

PLEASE FOLLOW ALL INSTRUCTIONS AND ALWAYS
USE PROTECTIVE EYEWEAR WHEN INSTALLING A
DOOR SYSTEM. PLEASE READ INSTRUCTIONS
COMPLETELY.

SERIES 2200 & 2250 MIRROR SLIDER

**INSTALLATION QUESTIONS OR MISSING PARTS?
DO NOT RETURN THIS DOOR TO THE STORE!**

Thank you for purchasing this Slimfold product. We take pride in the products we manufacture and are confident you will be pleased with your selection. However, sometimes a product may leave our factory in less than perfect condition. If you have questions or are missing component parts necessary to complete the installation, **do not return the door to the place of purchase**. Give us a call first. More than likely, we can solve the problem without the hassle and expense of returning the door to the store. **Call Customer Service: 1-800-633-7553 from 8:00 a.m. to 5:00 p.m. CST, Monday through Friday.**

**SLIMFOLD™***Closet Systems*

BEFORE YOU BEGIN

PLEASE FOLLOW ALL INSTRUCTIONS AND ALWAYS USE PROTECTIVE EYEWEAR WHEN INSTALLING A DOOR SYSTEM. PLEASE READ INSTRUCTIONS COMPLETELY.

Assemble Tools

Safety glasses	Level
Phillips head screwdriver	Tape Measure
Straight head screwdriver	Power drill or screw gun (3/16" bit)

Measure Opening

Measure the Finished Opening Size; refer to Specifications below to insure proper door size (FIGURE 1).

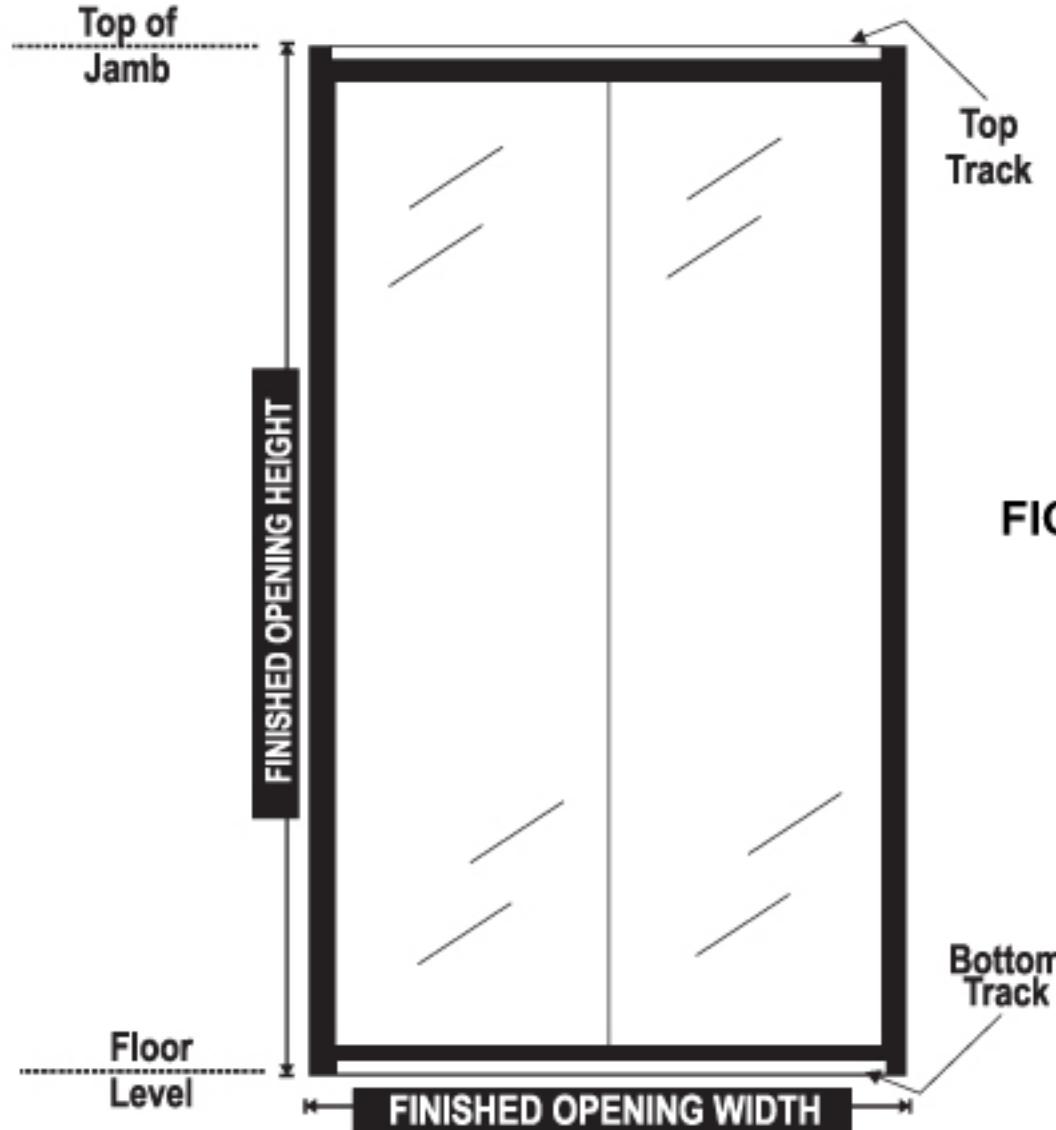


FIGURE 1

For sliding mirror doors up to 48" x 96", using 1/8" safety glazed mirrors that conform to ANSI Z97.1 or CPSC42FR 1428; 16CFR Part 1201.

Specifications

STANDARD SIZES—TWO PANEL UNITS FINISHED FINISHED OPNG. HEIGHTS

Size	Door Width	OPENING WIDTH	6'8" Units	8'0" Units
4'0" (1219)	24 ⁵ / ₈ " (626)	48" (1219)	80 1/2" (2045)	96" (2438)
5'0" (1524)	30 ⁵ / ₈ " (778)	60" (1524)		
6'0" (1829)	36 ⁵ / ₈ " (930)	72" (1829)		

STANDARD SIZES—THREE PANEL UNITS FINISHED FINISHED OPNG. HEIGHTS

Size	Door Width	OPENING WIDTH	6'8" Units	8'0" Units
9'0" (2743)	36 ⁵ / ₈ " (930)	108" (2743)	80 1/2" (2045)	96" (2438)

Finished Opening Width Tolerance +1/2" / -2" (+1.27/-5.08)

All increments shown in (parenthesis) are metric (millimeter) unless otherwise indicated. Non-standard sizes available; check with your dealer for sizes and availability.

INSTALLATION

1. Remove Door from Packing Material

Carefully open the door package and remove the track packed inside the door (track can be packed separately if requested). Locate hardware bag(s) containing the following components for two-panel doors:

2200 MIRROR SLIDER INCLUDES:

- P/N 8M107100 Chrome Hardware Bag or P/N 25253040 Polished Brass Hardware Bag

CROSS SECTION DETAIL

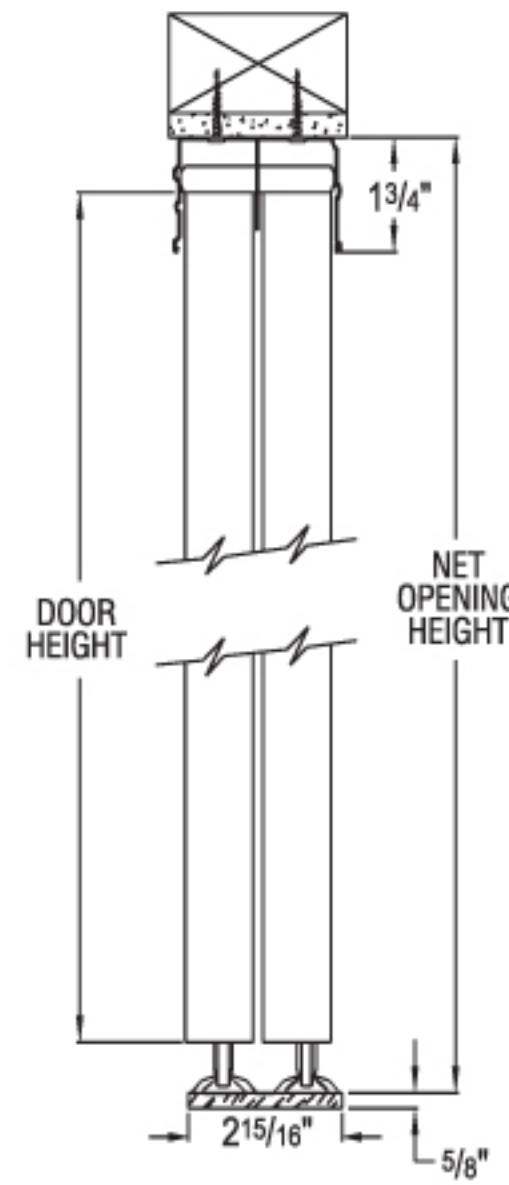


FIGURE 2

2. Cut tracks to size

Saw top guide track to length (net finished opening width in step #2) if necessary, using a fine-tooth (32 teeth/inch) hacksaw. Before cutting, insert 2" x 4" wood blocks between channels next to saw cut. Hold firmly together for smoother cut. It is not necessary to support the floor guide track while cutting (Fig. 2).

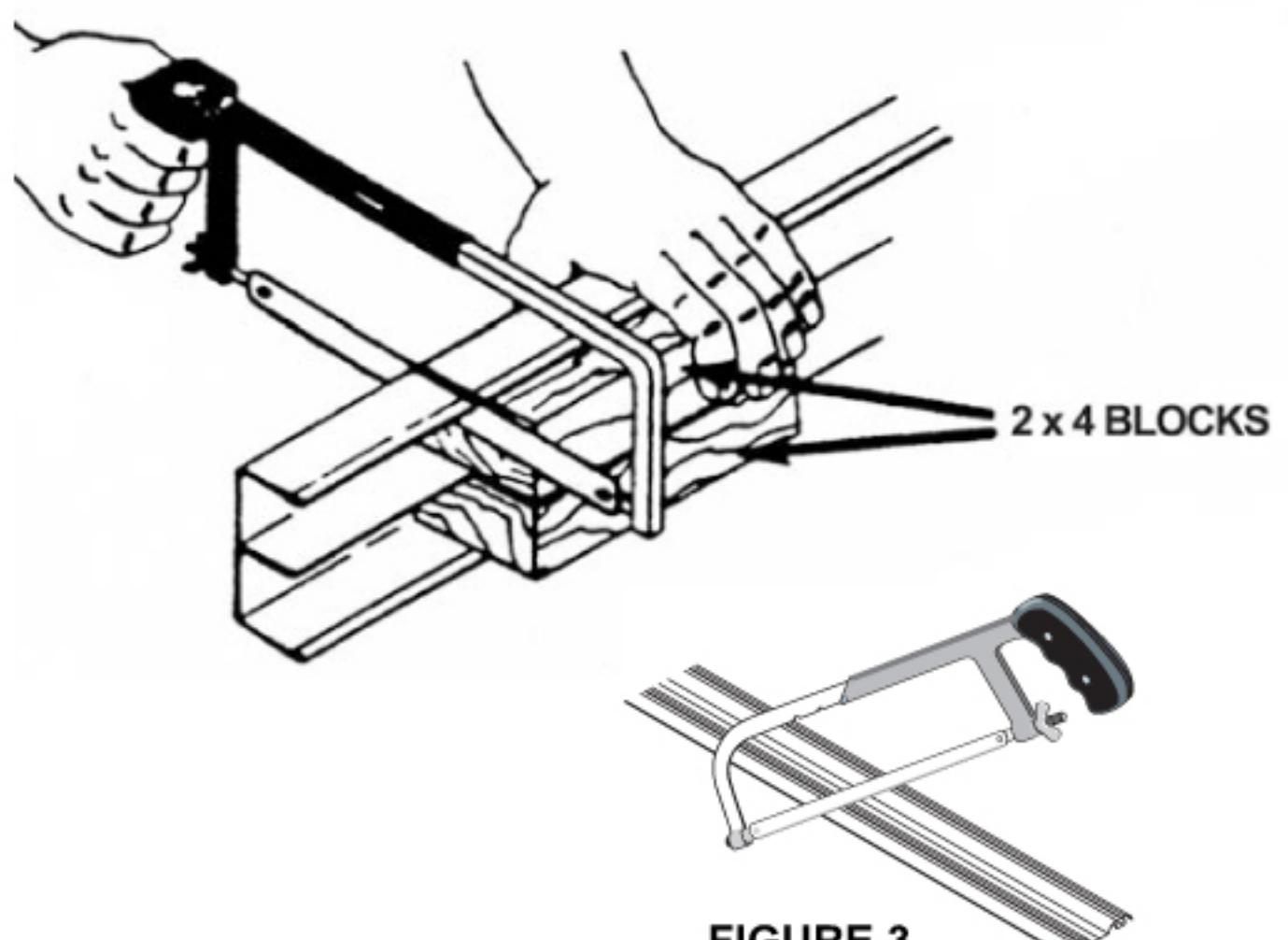


FIGURE 3

**Installation of three (3) door systems will require multiples of top guide and floor track unless you place both outside doors on rear track.

2. Set The Tracks

Screw top guide track to header, locating front edge 1/8" back from face of jamb. Locate leading edge of floor track 3/4" back from front face of jamb so doors will hang plumb. Floor track should be equal distance from side jambs (Figure 4).

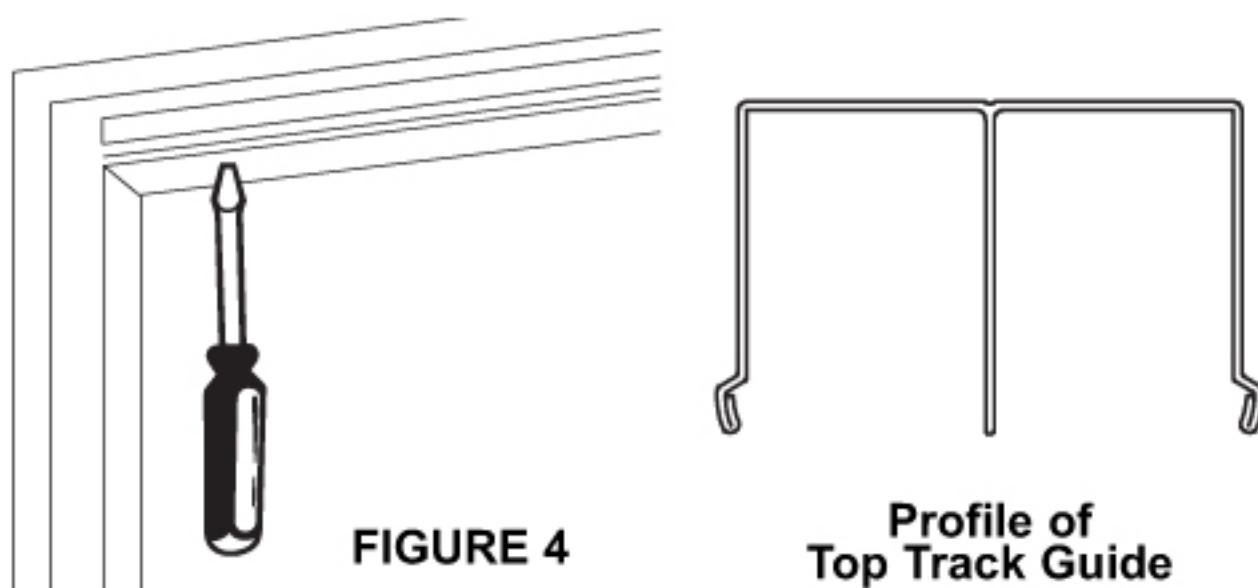


FIGURE 4

Profile of
Top Track Guide

New Construction: For best results and performance, it is recommended that the track be put down before laying carpet. Depending upon the height of the finished floor, a continuous wood shim (3/16" to 3/8" thick) can be placed underneath the track to provide additional clearance between the door and carpet. The carpet can be installed up to the track and the door can be installed later.

Existing Dwelling: When installing SLIMFOLD doors in an area where carpet has been previously laid, lay the track on top of the existing carpet and screw into the floor below. **CAUTION:** Turn screw slowly to avoid causing a runner in the carpet.

3. Install Doors

Doors should be shipped with the bottom rollers fully retracted. Before proceeding to install doors, extend rollers 1/2" below bottom of door (Figure 5).

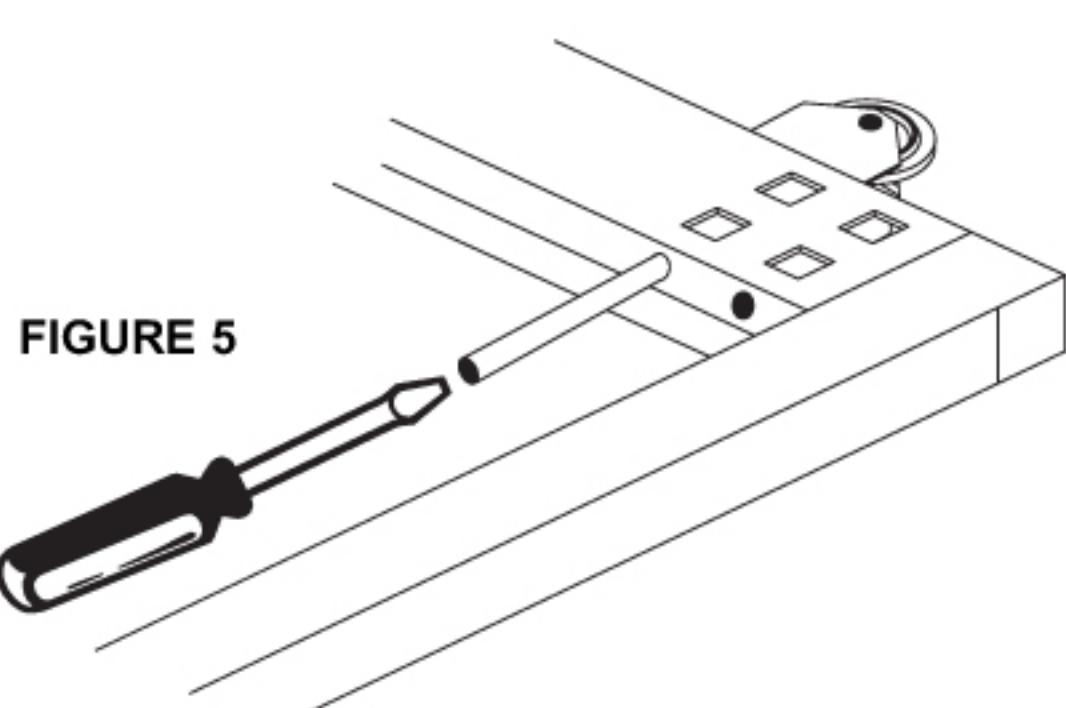


FIGURE 5

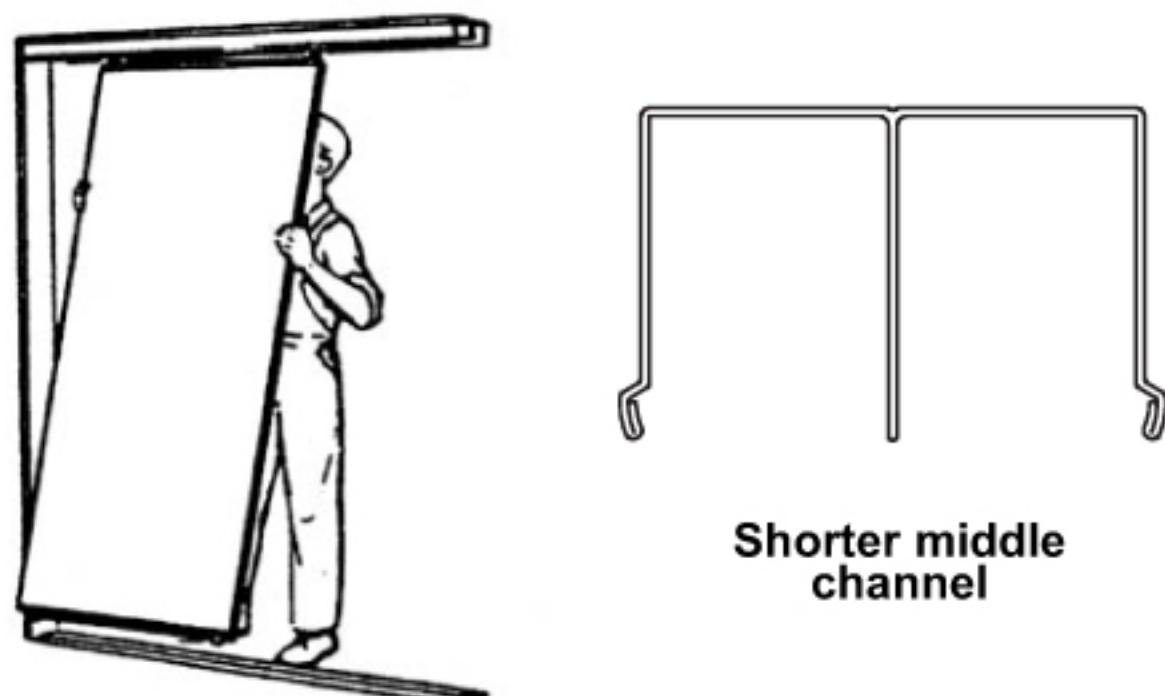


FIGURE 6

Install rear door first by inserting top of door into rear of top guide channel. **Note:** middle channel in top track is shorter for ease of installation. Then, swing bottom of door over bottom track and lower rollers into rear groove. Install front door last in the same manner into front of top guide channel (Figure 6).

4. Adjust Door

Use Phillips screwdriver on bottom roller. To raise door, turn screw counterclockwise. Adjust both rollers on each door upward until top of door enters top guide track by 3/8" minimum. Plumb left door to left jamb; right door to right jamb, maintaining minimum engagement of doors in top guide track (Figure 7).

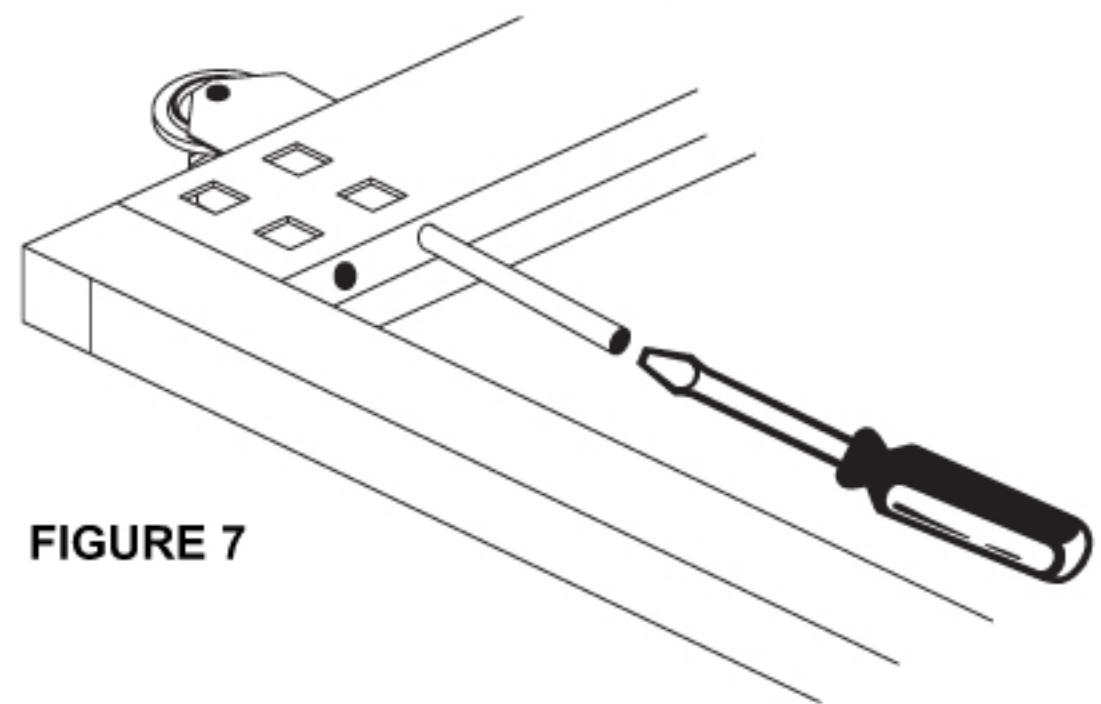


FIGURE 7

5. Install handles (optional)

Standard pull height is 34" (78-1/2" doors) and 46" (96" + doors) from bottom of door. Pulls are attached to jamb-side of stile and should NOT extend from edge more than 1/4". Opt. extended handle and stop package (#848-STMG) can be used if restricted bypass is desired (Fig. 8).

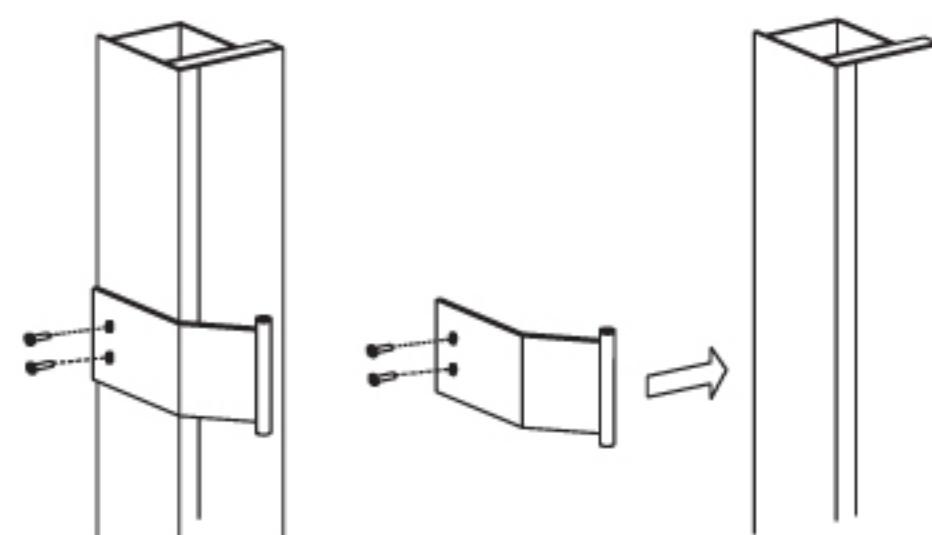


FIGURE 8

6. Install door stop

Install rubber door stops in the top and bottom on the same side of the panel as the handle so the doors cannot bypass and bend the handles (Figure 9). Door stops are needed on the front panel on the back side next to the wall. Slide space washers and door stops onto the 1/4" screws (provided). Screw into pre-drilled holes.

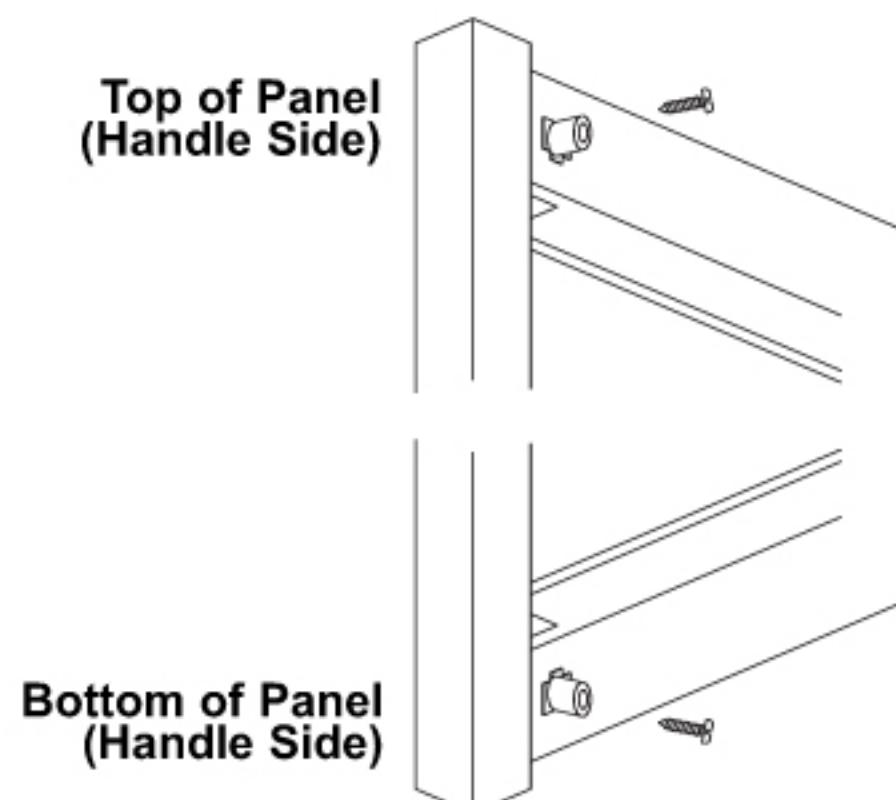


FIGURE 9

SLIMFOLD PRODUCTS LIMITED LIFETIME WARRANTY

Slimfold Products Division warrants to the purchaser that its products, when utilized for interior door use, will be free from defects in materials and workmanship for the life of the product.

Slimfold Products manufactured with galvanized steel are additionally warranted against rusting for a period of one (1) year from the date of purchase, provided the finish has not been cut or abraded through the metal. Galvanized steel should be used where air has a high salt content or in locations with high humidity.

This warranty is applicable only when the products covered by it have been installed in accordance with the recommended written installation instructions of Slimfold Products Division and with established building practices, have been accorded treatment which is considered good practice in the building industry regarding storage and maintenance, and have been subjected only to normal use. Because Slimfold Products Division cannot control the manner in which its products are handled after leaving its premises, this warranty does not apply to the finish or other damage occurring during shipment.

There are no warranties, express or implied, which extend beyond the description on the face hereof, including

the implied warranty of merchantability and the implied warranty of fitness for a particular purpose.

Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply in some cases.

In the event the original consumer purchaser of any Slimfold product believes that the door or any parts thereof covered by this warranty is defective, a letter outlining the alleged defect should be sent postage prepaid to the following address:

**Slimfold Products Division
PO Box 8577
Dothan, AL 36304-0577**

Any Slimfold Products part covered by this warranty which, upon inspection by an authorized representative of Slimfold Products Division, are found by said representative to be defective, will be repaired or replaced at the option of Slimfold Products Division. The purchase price of the part will be refunded and does not include labor, installation costs, finishing costs, or indirect or consequential damages of any nature. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

This warranty bestows certain legal rights, and you may also have other rights which vary from state to state.

CARING FOR YOUR SLIMFOLD DOOR KEEP TRACK FREE OF DIRT AND PAINT!

Steel Bifolds

Clean steel surface with a soft cloth using a mild detergent and water. Do not use harsh cleaners or abrasive.

Mirrors

- Clean mirror surface with clean, warm water or approved glass cleaner. Do not use any acid or alkali cleaners or cleaners with ammonia base. They will attack front surface, edges and backing of glass.
- Use a clean, soft cloth when cleaning to avoid scratching mirror surface.
- Never spray any cleaner directly on to the mirror. Apply to cloth first, then wipe mirror.
- Be sure to dry all edges thoroughly.



SLIMFOLD™

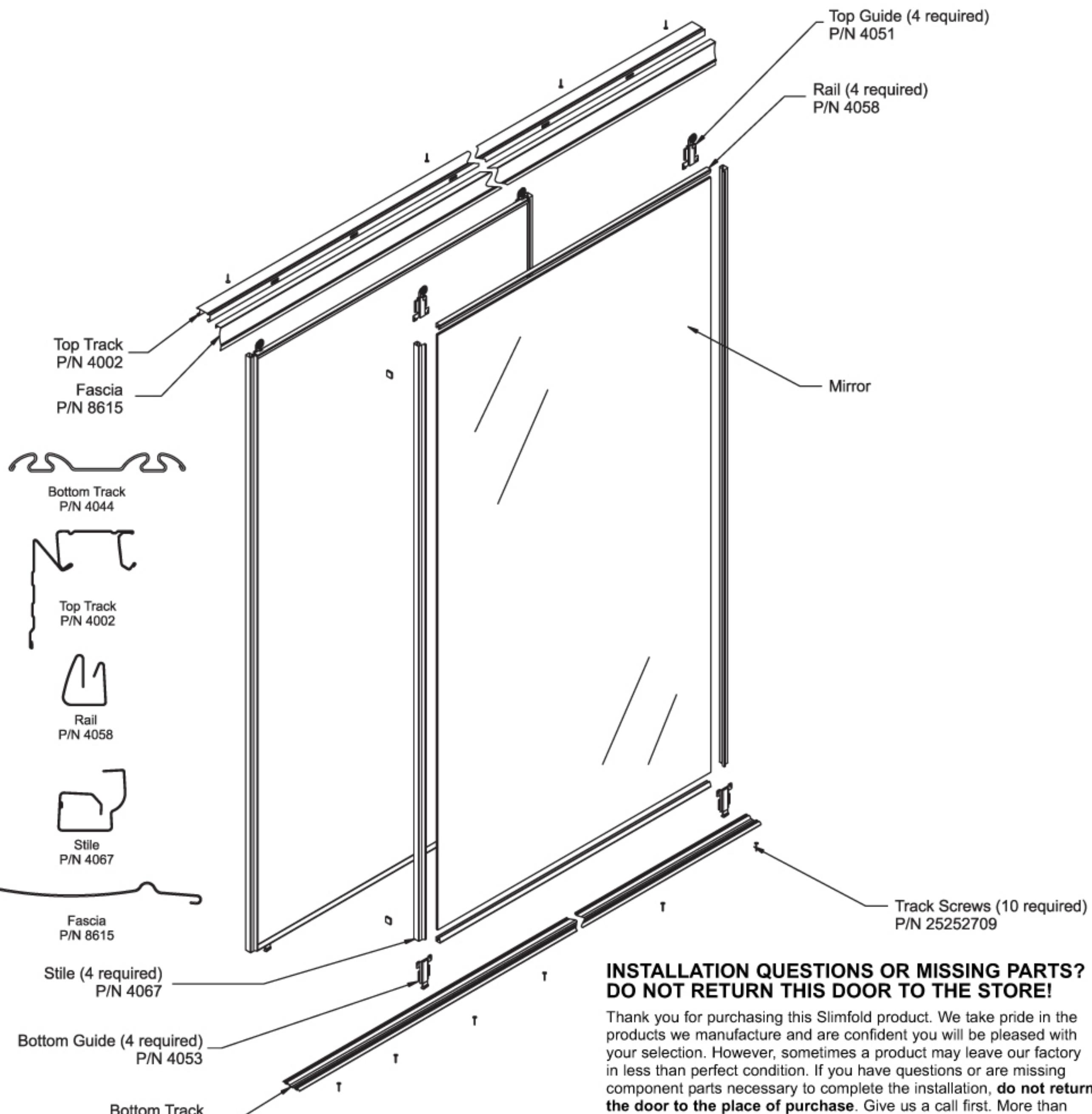
Closet Systems

INSTALLATION SHEET

Keep These Instructions!

PLEASE FOLLOW ALL INSTRUCTIONS AND ALWAYS
USE PROTECTIVE EYEWEAR WHEN INSTALLING A
DOOR SYSTEM. PLEASE READ INSTRUCTIONS
COMPLETELY.

SERIES 4050 MIRROR SLIDING DOORS



INSTALLATION QUESTIONS OR MISSING PARTS? DO NOT RETURN THIS DOOR TO THE STORE!

Thank you for purchasing this Slimfold product. We take pride in the products we manufacture and are confident you will be pleased with your selection. However, sometimes a product may leave our factory in less than perfect condition. If you have questions or are missing component parts necessary to complete the installation, **do not return the door to the place of purchase**. Give us a call first. More than likely, we can solve the problem without the hassle and expense of returning the door to the store. **Call Customer Service: 1-800-633-7553 from 8:00 a.m. to 5:00 p.m. CST, Monday through Friday.**



SLIMFOLD™

DUNBARTON

Closet Systems

P.O. BOX 8577 | DOTHAN, ALABAMA 36304-0577

800-633-7553

334-793-3462 (fax)

www.dunbarton.com

email: slimfold@dunbarton.com

BEFORE YOU BEGIN

PLEASE FOLLOW ALL INSTRUCTIONS AND ALWAYS USE PROTECTIVE EYEWEAR WHEN INSTALLING A DOOR SYSTEM. PLEASE READ INSTRUCTIONS COMPLETELY.

Assemble Tools

Safety glasses	Level
Phillips head screwdriver	Tape Measure
Straight head screwdriver	Power drill or screw gun (3/16" bit)

Measure Opening

Measure the Finished Opening Size; refer to Specifications below to insure proper door size (FIGURE 1). Finished Door width provides for 1-1/2" door overlap at center of opening.

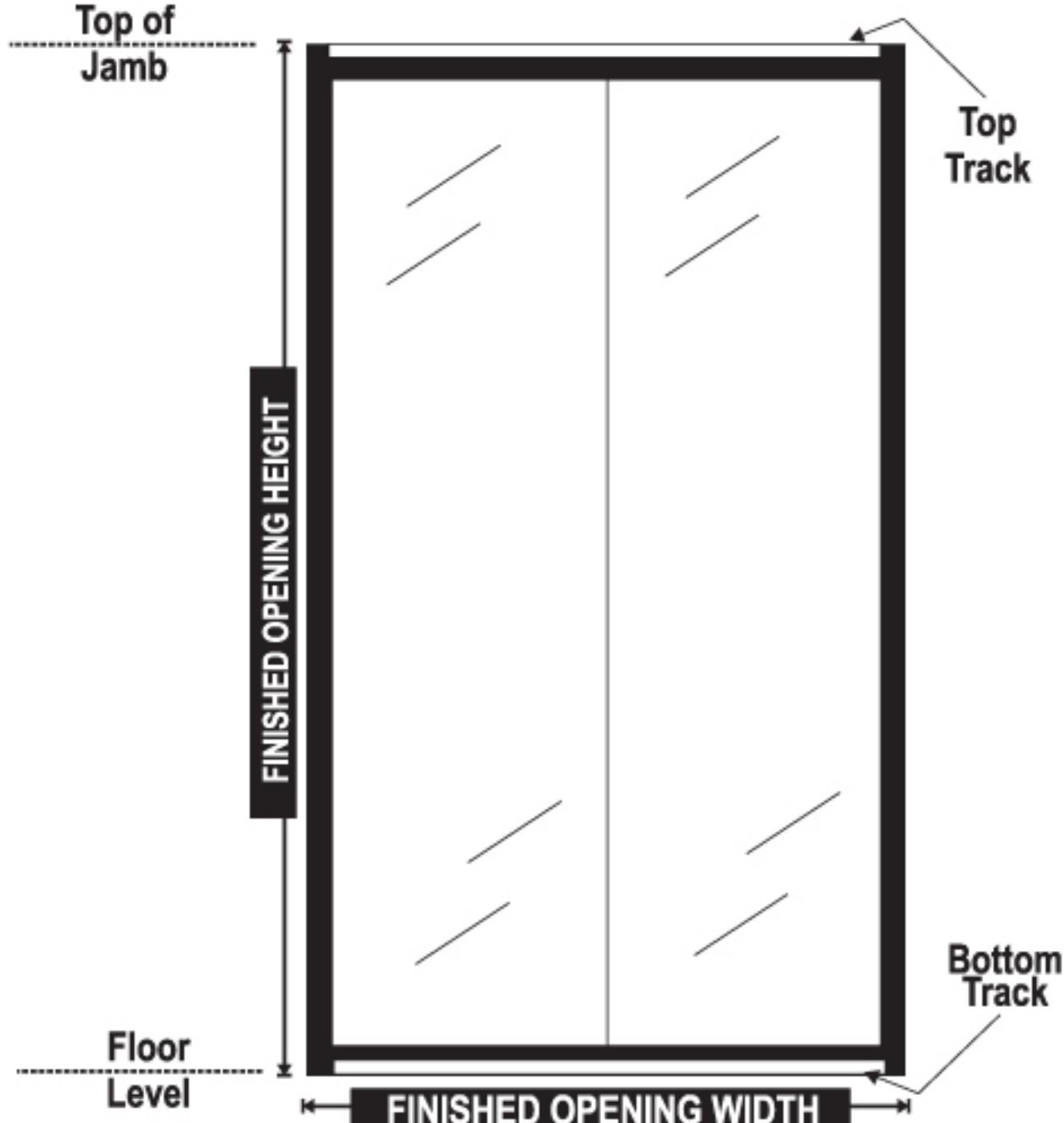


FIGURE 1

Specifications

STANDARD SIZES-TWO PANEL UNITS FINISHED OPENING WIDTHS FINISHED OPNG. HEIGHTS

Size	Door Width	OPENING WIDTH	6'8"	Units
4'0"	24 5/8"	48"	80 1/2"	(1219) (626) (1219) (2045)
5'0"	30 5/8"	60"	+1"/-3"	(1524) (778) (1524) (+25/-76)
6'0"	36 5/8"	72"		(1829) (930) (1829)

All increments shown in (parenthesis) are metric (millimeter) unless otherwise indicated. Non-standard sizes available; check with your dealer for sizes and availability.

INSTALLATION

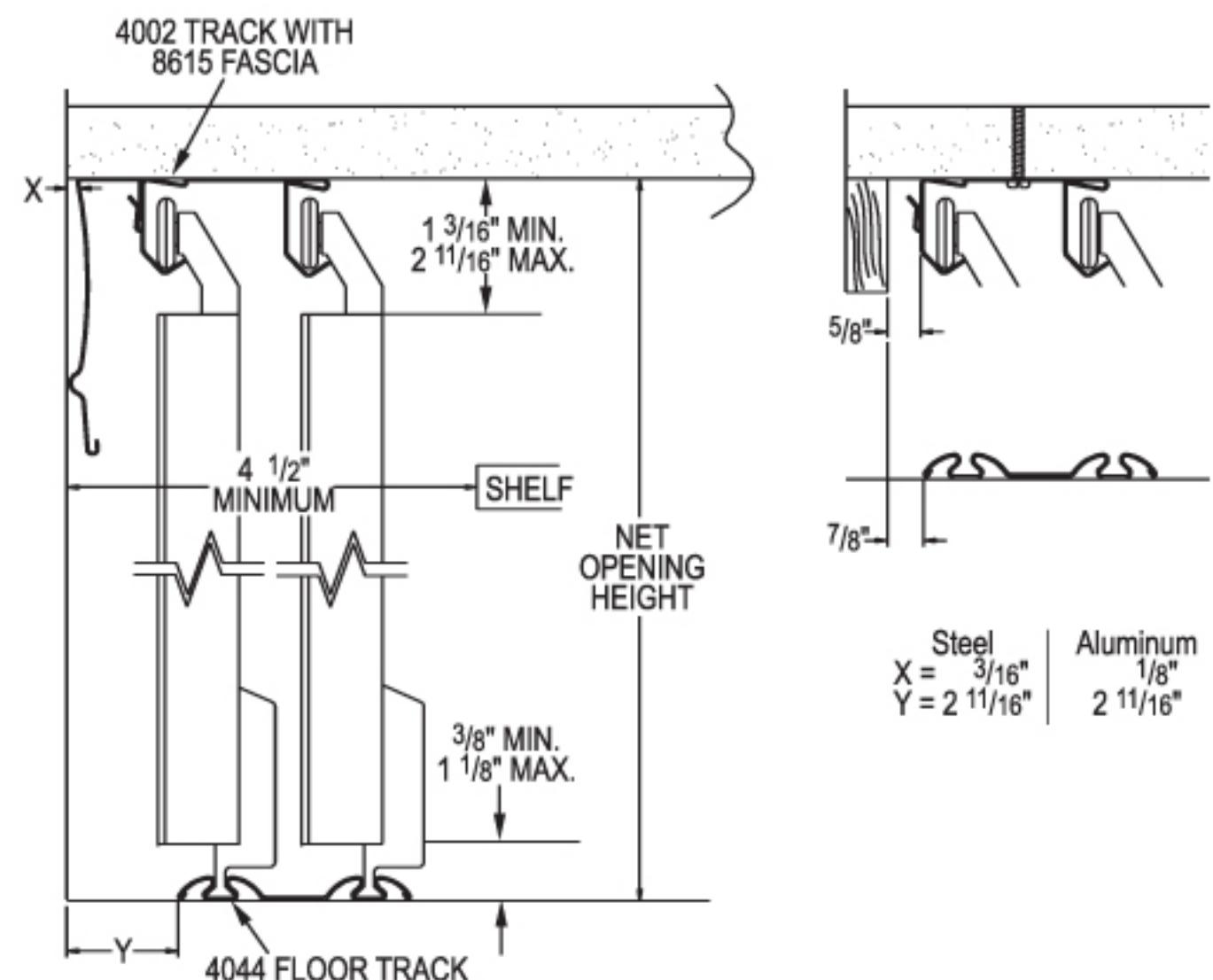
1. Remove Door from Packing Material

Carefully open the door package and remove the track packed inside the door (track can be packed separately if requested). Locate hardware bag(s) containing the following components for the 4050 Mirror Slider.

4050 MIRROR SLIDER (2-PANEL):

- Ten Track Screws (P/N 25252709)

CROSS SECTION DETAIL



2. Set The Tracks

Saw top track, floor track (and fascia) to length if necessary, using a fine-tooth hack saw (Figure 2). Do not screw track to head jamb before attaching fascia (Figure 3).

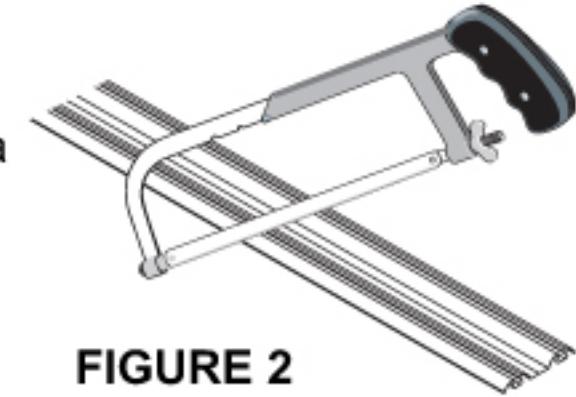


FIGURE 2

3. Attach Fascia

Attach 8615 prefinished fascia directly to clips located along the 4002 track, prior to attaching trace to header. Press fascia down firmly on clips to provide a slight gap to header, to allow for leveling across an uneven header surface (Figure 3).

FIGURE 3

