

FOLDING GLASS WALL SYSTEMS

SERIES SI3000



SOLAR INNOVATIONS® WINDOWS & DOORS

Series SI3000 thermally enhanced aluminum folding glass wall systems are useful in both commercial and residential applications, they have been incorporated into pool houses, covered patios, enclosed porches, restaurants, retirement homes, stadiums, hotels, and golf resorts, just to name a few. A great way to open your environment.

The system offers exceptional air, water, structural, and thermal performance in any condition. Multiple sill options and profile dimensions provide greater performance and design flexibility. Customization of product profiles, hardware, sills, panel size, and testing can be completed upon request.



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SPECIAL FEATURES

Panels:

- Standard finishes: AAMA 2603
- Duracron: Hartford Green, Bronze, Black, Natural Clay, White, & Sandstone
- Top or bottom load, in-swing or out-swing operation
- LEED friendly system including recycled content
- Designed and manufactured in the U.S.A.

Performance:

- Water performance, up to 15 psf, depending upon sill choice and configuration
- Thermally enhanced utilizing thermal strut
- Zero-maintenance extruded aluminum hinge with Stainless Steel pin
- Test results available upon request

Glazing:

- Accommodates monolithic and insulated glazing infills from 3/16" to 1 1/8" Solid infill

Hardware:

- Operable hardware custom made by Solar
- Panic hardware & closer options available
- Roller assemblies designed to minimize and simplify panel maintenance
- Multiple hardware styles and finishes

UNIT TYPE OPTIONS

Panels:

- Custom finishes
- Class I anodized: Dark Bronze, Clear
- Powder coat finish: AAMA 2604-2605
- Fluoropolymer (50% or 70%): AAMA 2604-2605
- Wood veneer and metal cladding options
- Dual color or dual finish options

Accessories:

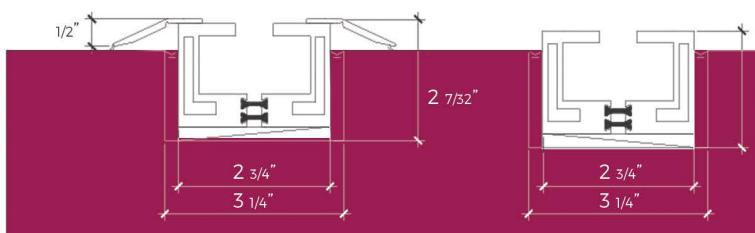
- Matching fixed transoms and sidelites
- Integrated swing doors: single or double
- Integrated Dutch doors: single or double
- Screen options: folding, sliding, retractable
- Multiple sill designs, including ADA compliant ramps
- Factory installed sill drain tubes, if required
- Decorative muntins, SDLs, interior and exterior grids
- Mullions
- Pet door integration options
- Endless configurations available

Glazing:

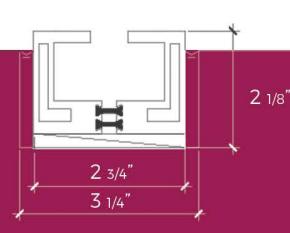
- Designed to accommodate almost any monolithic, insulated, laminated,

SILL OPTIONS

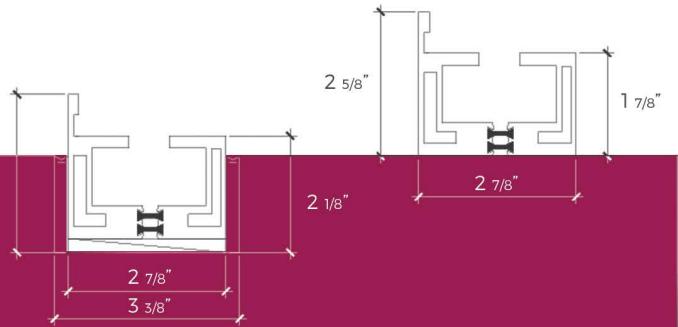
TOP & BOTTOM LOAD SILL OPTIONS



Recessed with ADA Ramps
Air: > 0.09 cfm per sa/ft²
Water: ± 9 psf



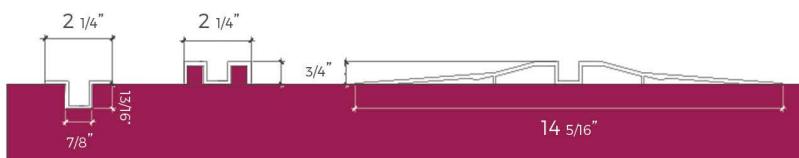
Recessed Flush
Air: > 0.09 cfm per sa/ft²
Water: ± 9 psf



Recessed
Air: > 0.01 cfm per sa/ft²
Water: ± 15 psf

Standard
Air: > 0.01 cfm per sa/ft²
Water: ± 15 psf

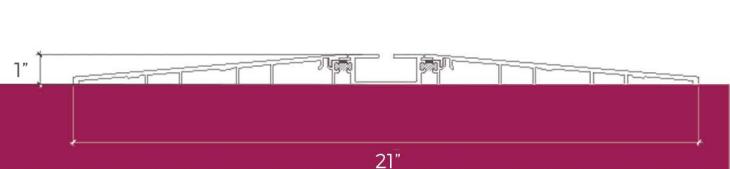
TOP LOAD ONLY SILL OPTIONS



Recessed
Flush Hat
Not Tested

Surface
Mount
Not Tested

ADA Surface Mount
Not Tested



Thermal ADA Surface Mount
Not Tested

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HARDWARE OPTIONS

INLAND APPLICATIONS

SOLID BRASS HANDLE OPTIONS



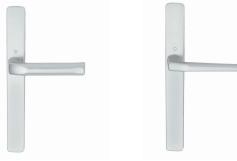
Allegro
(Standard)



Capri



Venice



London



Capri

BACK PLATE OPTIONS



46 mm Style

30 mm Style

Sample Keyed
Exterior

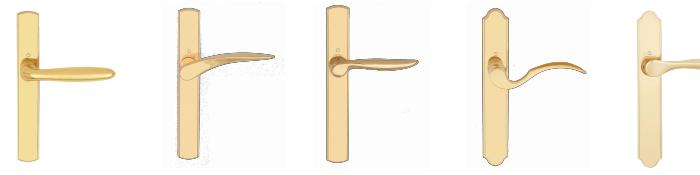


Sample Thumb
Turn

Hardware is not available for doors exceeding 2 1/2" thickness.
Brass handles can be used with either the 46mm or the 30mm style back plates.

COASTAL APPLICATIONS

BRASS HANDLE OPTIONS



Verona

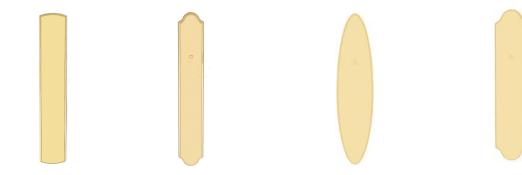
Rodos

Toronto

München

New Orleans

BACK PLATE OPTIONS



216

374

3955

3965

ADDITIONAL APPLICATIONS

EXTERIOR ENTRY TRIM



Curved

Round

Square

LOCK OPTIONS



Two Point
Locking Handle
(Standard)

Standard
Flush Bolt

Deep Pocket
Flush Bolt

HINGE OPTIONS



Semi-concealed
Hinge
(Standard)



Surface Mount
Hinge



Recessed Pull



Wire Pull
Hinge



Pull Handle
with Guard
(Standard)

COLOR OPTIONS

COASTAL COLOR OPTIONS



Polished
Chrome

Oil Rubbed
Brass

Brushed
Chrome

Rustic
Umber

White

Matte
Black

Satin
Nickel

Brass

Antique
Nickel

INLAND COLOR OPTIONS



Satin
Chrome

Polished
Chrome

Polished
Brass

Antique
Brass

Pewter

Dark
Bronze

White

Black

Pure
White

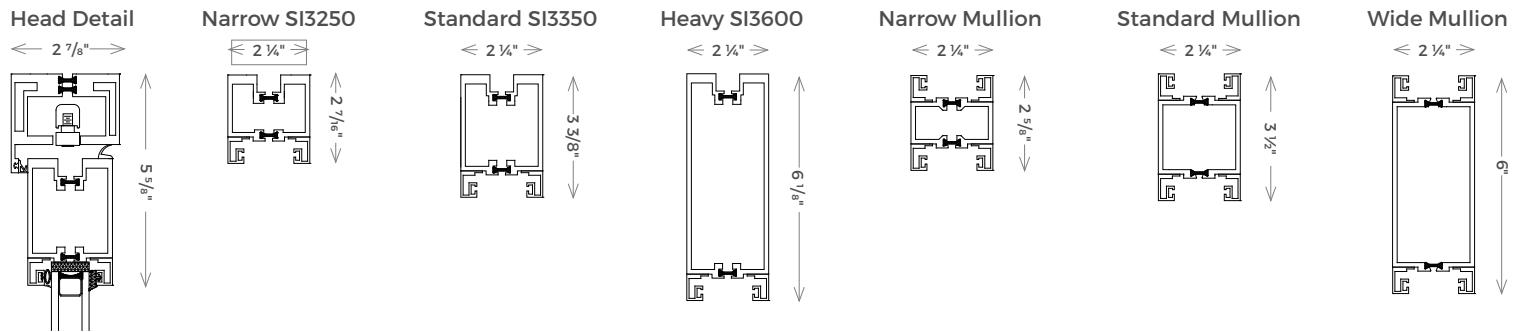
Painted
Silver

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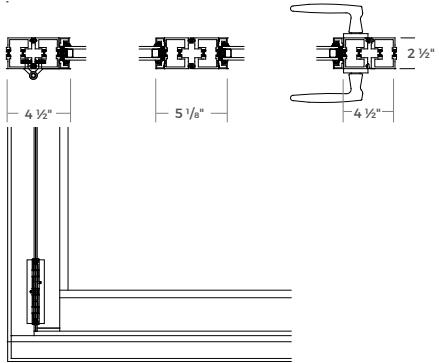
CAD DETAILS

VERTICAL & HORIZONTAL RAIL OPTIONS

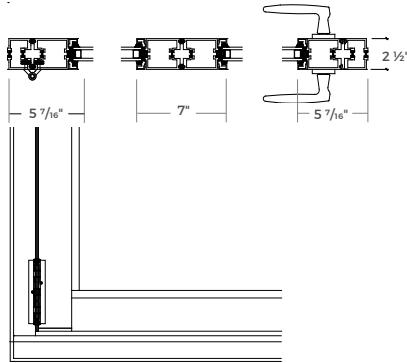


JAMB DETAILS

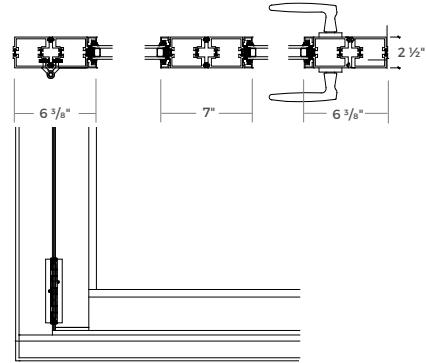
Narrow G2 Jamb & Frame



Narrow G2 Jamb & Regular G2 Frame



Regular G2 Jamb & Frame



All vertical frame options, whether regular or narrow, require a G2 regular frame horizontal. All sill dimensions show the recessed flush sill height.
Options dependent upon desired size and engineering requirements.

SI Standard Paint & Powder Coat Options*



Metal Cladding*



Decoral Faux Wood Finishes*



Wood Veneering*



Designer Colors are Available Upon Request.

Depending upon color selection, additional charges and increased lead times may apply. Color illustrations are shown as accurate as standard photography and printing processes allow. Final finish selection should be made from a physical sample; please contact Solar Innovations, Inc. to receive a physical sample. All product and finish options are subject to vendor availability. Solar Innovations, Inc. reserves the right to discontinue any option at any time without notice. Additional options, including custom color match, are available; contact Solar Innovations, Inc. for details.