



ULTIMATE CHOICE



DESIGN HAND BOOK



CERTIFICATE OF CONFORMITY



The Sri Lanka Standards Institution
Certificates that the Quality Management System of

ULTRA ALUMINIUM (PVT) LTD
NO.413/10, MAIN STREET, KOVIL KULAM, PALAMUNAI, ARAYAMPATHY
SRI LANKA

has been assessed and approved in accordance with
the requirements of ISO 9001:2015/ SLS ISO 9001:2015

Certificate No: QSC 11654

This certificate issued on **2024-12-15** is valid up to **2027-12-14**
Date of first certification **2024-12-15**

SCOPE OF CERTIFICATION

**MANUFACTURE AND DISPATCH OF ALUMINIUM EXTRUSION PROFILES AND ALUMINIUM NET
AS PER PRE-DETERMINED SPECIFICATIONS**

This approval is subject to the continued satisfactory operation of the organization's Quality Management System.

.....
DIRECTOR GENERAL/ CEO

SRI LANKA STANDARDS INSTITUTION

No. 17, Victoria Place, Elvitigala Mawatha, Colombo 08, Sri Lanka
www.slsi.lk

CERTIFICATE OF CONFORMITY



The Sri Lanka Standards Institution
Certificates that the Environmental Management System of

ULTRA ALUMINIUM (PVT) LTD
NO. 413/10, MAIN STREET, KOVILKULAM, PALAMUNAI, ARAYAMPATHY
SRI LANKA

Has been assessed and approved in accordance with
The requirements of ISO 14001: 2015/ SLS ISO 14001: 2015

Certificate No: **ESC 02681**

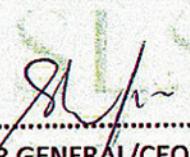
This certificate issued on **2025-07-22** is valid up to **2028-07-21**

Date of first certification **2025-07-22**

SCOPE OF CERTIFICATION

MANUFACTURE OF ALUMINIUM BILLETS, ALUMINIUM EXTRUSION PROFILES & ALUMINIUM NET

This approval is subject to the continued satisfactory operation of the organization's Environmental Management System

.....

DIRECTOR GENERAL/CEO

SRI LANKA STANDARDS INSTITUTION

No. 17, Victoria Place, Elvitigala Mawatha, Colombo 08, Sri Lanka

www.slsi.lk



SRI LANKA STANDARDS INSTITUTION

Permit for the Use of SLS Certification Mark

1. By virtue of the powers derived under the provisions of section 19 of the Sri Lanka Standards Institution Act. No.6 of 1984, the Institution hereby grants to ULTRA ALUMINIUM (PVT) LTD.

(Name of the Permit Holder)
of NO. 413/10, MAIN STREET, KOVIL KULAM, PALAMUNAI, ARAYAMPATHY.

(hereinafter

(Address)

called "the permit holder" this permit to use the Certification Mark set out in the first column of the Schedule hereto upon or in respect of the article(s)/Process set out in the second column of the said Schedule and manufactured/processed/operated at the premises located at NO. 413/10, MAIN STREET, KOVIL KULAM, PALAMUNAI, ARAYAMPATHY.

(Address)

and which are in conformity with the relevant Sri Lanka Standard(s) referred to in the third column of the said schedule as amended or revised from time to time.

- This permit carries the rights and obligations stipulated in the rules and regulations made under the above mentioned Act.
- This permit is subject to the General Conditions and Specific Conditions Issued as annexes to this permit.
- The Institution reserves the right to change or add to any of the said conditions as and when required, with prior notice.
- This permit is valid for the period upto the stipulated date of expiry, subject to the validity of the relevant Standards including the amendments and revisions if any, or until it is cancelled by the Director General or the Officer authorized on that behalf by the Director General or surrendered by the permit holder.

Permit No: 2974

Date of Issue: 2025-09-22

Date of Expiry: 2026-09-21

THE SCHEDULE

(1) Certification Mark	(2) Article (s)/Process	(3) Sri Lanka Standard(s)
 1410	"ULTRA ALUMINIUM" BRAND EXTRUDED ALUMINIUM ALLOY PROFILES (PLEASE SEE SPECIFIC PERMIT CONDITIONS FOR THE SCOPE)	SLS 1410 : 2011 SPECIFICATION FOR EXTRUDED ALUMINIUM ALLOY PROFILES FOR ARCHITECTURAL APPLICATIONS

Director General
SRI LANKA STANDARDS INSTITUTION

PRESIDENTIAL ENVIRONMENTAL AWARD - 2025

GOLD AWARD WINNER



METAL NONFERROUS/ MACHINERY/ ELECTRONIC/ ELECTRICAL GOODS AND EQUIPMENT
RELATED INDUSTRY - TYPE A & B CATEGORY

ප්‍රජා ජන සංගම
සේවා අංශය මධ්‍යස්ථාන
Central Environmental Authority



CONTENTS



GROUP	TITLE	PAGE NUMBER
A	Technical Specifications	01-02
B	Surface Finishes	03-04
C	Architectural Applications	05-07
1	70 mm Sliding Window Series	
	Typical sliding window	08-09
	Profile diagrams	10-12
	Sliding window with top sliding	13-14
	Sliding window with top fix glass	15-17
	Sliding window with top louver	18-19
	Sliding window with double sliding	20-22
2	80 mm Sliding Window Series	
	Typical sliding window	23-24
	Profile diagram	25-30
	Sliding window with top fix glass	31-32
3	41 mm Casement Window Series	
	Casement window with top fix glass	33-36
	Profile diagram	37-40
4	60 mm Casement Window Series	
	Casement window with top louver	41-43
	Profile diagram	44
5	70 mm Casement Window Series	
	Casement window with top fix glass	45-47
	Profile diagram	48-51
6	100 mm Door Series	
	Floor hinge double sash door	52-54
	Profile diagram	55-58
	butt hinge double sash door	59-61
7	76 mm Door Series	62
8	76 mm Shop Front Series	
	Typical assembling details	63-65
	Profile diagram	66-68
9	100 mm Shop Front Series	
	Typical assembling details	69-71
	Profile diagram	72-73
10	76 mm Partition Serie	
	Typical assembling details	74-76
	Profile diagram	77
11	100 mm Partition Series	
	Typical assembling details	78-80
	Profile diagram	81

CONTENTS



12	70mm Sliding door Typical assembling detail Profile diagram	82-84 85
13	100mm Sliding door Typical assembling details Profile diagram	86-88 89-96
14	Curtain Rail	97
15	Pantry Cupboard Profiles	98-100
16	Roller Shutter Profiles Typical Assembling details Profile diagram	101-102 103-104
17	Step & Rung Ladder Profiles Step ladder assembling details Step ladder profile diagram Rung ladder profile diagram	105-106 107-109 110
18	Glazing Bead	111
19	Showcase Profiles	112
20	Roof Solar Mount Profiles	113-118
21	Miscellaneous Profiles	119
22	Rectangular Tube & Square Tube	120
23	Round Pipe & Plate	121
24	Single Channel & Double Channel	122
25	Angle & Thick Angle	123

Material

Alloy Description – Aluminum Alloy EN AW 6063

Aluminum Alloy 6063 is one of the most widely used alloys for aluminum extrusion. It is known for its excellent surface finish, medium strength, corrosion resistance, and superior formability. This alloy is often referred to as the *architectural alloy* because of its versatility in producing complex shapes with smooth surfaces suitable for anodizing and powder coating.

Chemical Composition

Element	% Composition
Magnesium (Mg)	0.45 – 0.9
Silicon (Si)	0.2 – 0.6
Iron (Fe)	0.35 max
Copper (Cu)	0.10 max
Zinc (Zn)	0.10 max
Manganese (Mn)	0.10 max
Chromium (Cr)	0.10 max
Titanium (Ti)	0.10 max
Others total (Ni, B, Be, Sn, Bi...)	0.15 max
Aluminum (Al)	Balance

Available Tempers for Architectural and Hardware applications

Temper	Process	Strength	Notes
T1	Naturally aged after extrusion	Low	Good formability
T4	Solution heat-treated, naturally aged	Medium	Suitable for bending/forming before final aging
T5	Cooled from extrusion, artificially aged	Medium-high	Common for architectural profiles
T6	Solution heat-treated and artificially aged	High	Used where higher strength is required

Key Characteristics

- Excellent Extrudability: Ideal for creating intricate and precise profile shapes.
- Good Surface Finish: Provides a high quality appearance, suitable for visible architectural applications.
- Good Corrosion Resistance: Performs well in outdoor and marine environments when properly coated or anodized.
- Moderate Strength: Offers a balance between strength and formability for general structural use.
- High Anodizing Quality: Produces bright and uniform finishes, ideal for decorative purposes.
- Excellent weldability; making it suitable for a wide range of fabrication and assembly applications. Recommended Welding Methods -TIG (GTAW: Gas Tungsten Arc Welding), MIG (GMAW: Gas Metal Arc Welding). Recommended Filler Materials - ER4043 (Al-Si), ER5356 (Al-Mg)

Standards & Compliance

- BS EN 12020-1 to 2 (Precision Profiles)
- BS EN 755-9 (Extruded Bars, Tubes, and Profiles)
- ISO 9001:2015 Certified Quality Management
- SLSI 1410:2011

Mechanical Properties

Property	Unit	6063-T5
Tensile Strength (Ultimate)	MPa	175 (Min)
Yield Strength (0.2% Proof)	MPa	130 (Min)
Elongation	%	6
Brinell Hardness (HB)	—	65(Typical)
Modulus of Elasticity	GPa	69

Physical Properties

Property	Value
Density	2.71×10^{-6} Kg/mm ³
Melting Point	600°C - 660°C
Coefficient of Thermal Expansion	23×10^{-6} /°C

Surface Finish Options

The surface finish of aluminum profiles not only enhances appearance but also improves corrosion resistance and durability. Various finishes are available to meet aesthetic, functional, and environmental requirements.

1. Anodized Finish (Natural / Colored)

- BS EN 12373-1:2001, EN ISO 2360: 2003, BS EN ISO 7599: 2010 & SLS 1410:2011
- Anodic oxidation coating Thickness: 10–25 µm (10-15 microns, 15-20 microns, 20-25 microns)
- Process: Electrochemical oxidation that forms a protective oxide layer on the aluminum surface.
- Features:
 - Excellent corrosion and abrasion resistance
 - Smooth, metallic appearance
 - Natural silver (10-15 microns)
 - Dark bronze (10-15 microns)
 - Black, champaign, or medium bronze colors are available on request
 - Provides a durable base for outdoor and architectural use
- Applications: Windows, doors, curtain walls, interior trims, and architectural systems

2. Powder Coated Finish

- BS 6496:1984 & SLS 1411:2011
- Coating Thickness: 60–80 µm (EN ISO 2360:2003)
- Process: Dry powder is electrostatically applied and cured under heat to form a tough, uniform coating. (Polyester PE coating)
- Features:
 - Wide range of color and texture options (matte, glossy, metallic)
 - Excellent weather and impact resistance
 - Environmentally friendly - solvent free process
- Applications: Windows, doors, Facades, furniture, railing systems, and decorative elements

3. Mill Finish

- BS EN 515:1993, BS EN 573-Part 1-4, BS EN 12020-1:2008, BS EN 12020-2:2008,
BS EN 755-Part 1-9, SLS 1410:2011
- Description: The as extruded surface of aluminum without any additional treatment.

- Features:
 - Natural, untreated metallic look
 - May show minor extrusion lines or marks
 - Suitable for further processing such as anodizing, powder coating
- Applications: Industrial assemblies, mechanical parts, and concealed structural components

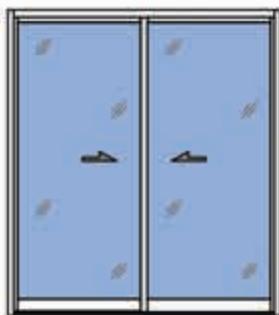
4. Wood Grain Finish (Sublimation Coating)

- Description: A decorative finish applied using heat transfer sublimation to replicate natural wood textures.
- Features:
 - Realistic wood like appearance with aluminum durability
 - Mahogany, Teak, Walnut, Eucalyptus, Rose wood, White Oak, Jatoba
 - UV and weather resistant coating
 - Low maintenance alternative to natural wood
- Applications: Architectural interiors, window frames, doors, and furniture systems

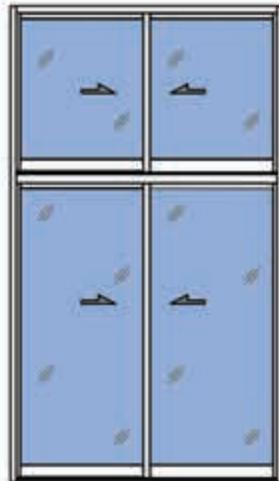
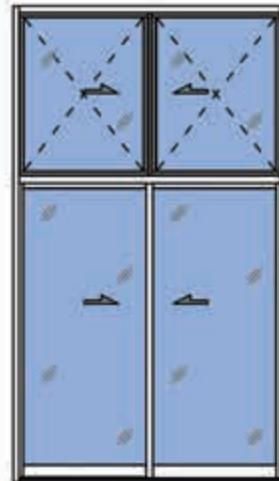
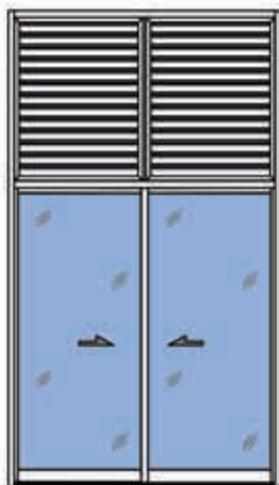
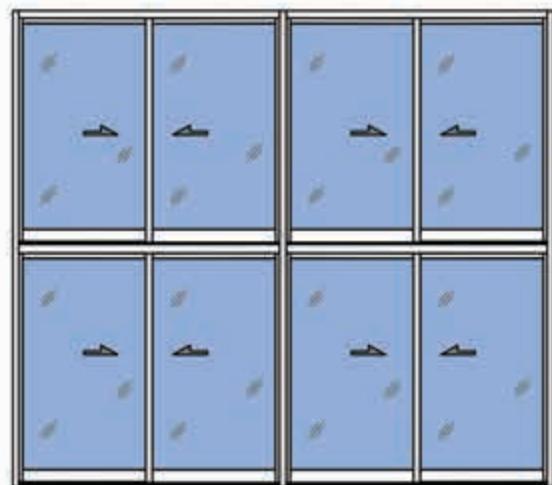
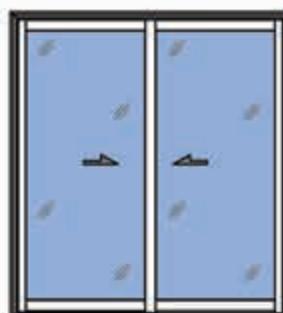
Finishes can be supplied in custom colors and gloss levels upon request.

Packaging & Delivery

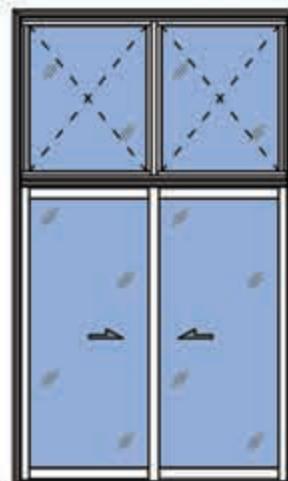
- Standard length: 3.65m, 6.1m, 6.5m (custom lengths available)
- Protective film or wrapping available
- Bundled and labeled with profile codes for traceability

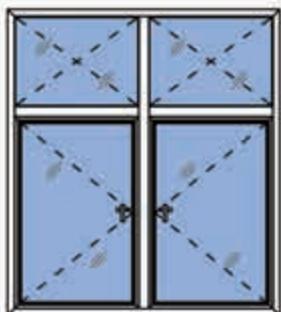


70mm TYPICAL SLIDING WINDOW

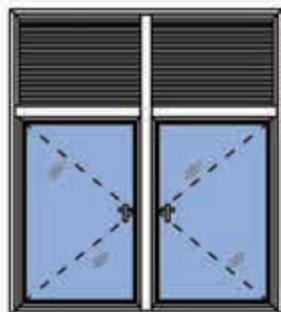
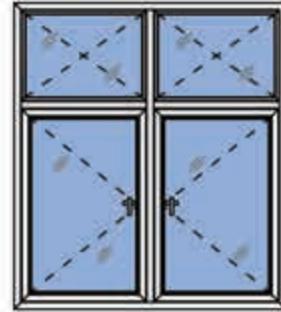
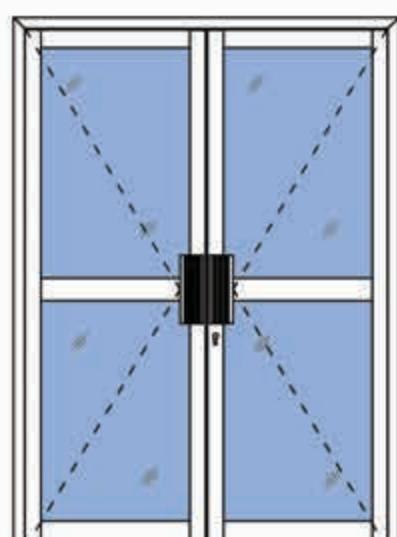
70mm SLIDING WINDOW
WITH TOP SLIDING70mm SLIDING WINDOW
WITH TOP FIX70mm SLIDING WINDOW
WITH TOP LOUVER70mm SLIDING WINDOW
WITH DOUBLE SLIDING

80mm TYPICAL SLIDING WINDOW

80mm SLIDING WINDOW
WITH TOP FIX

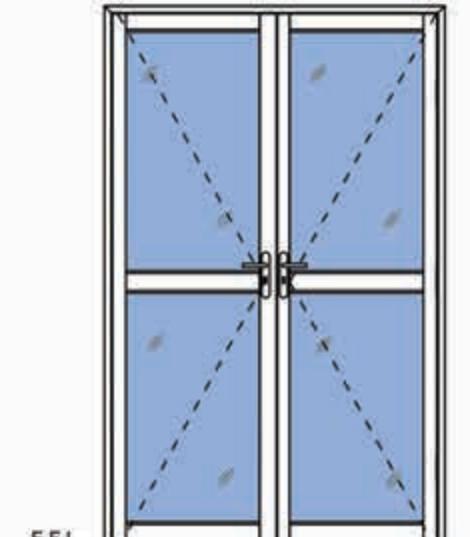


41mm CASEMENT WINDOW

41mm CASEMENT WINDOW
WITH 60mm FRAME41mm CASEMENT WINDOW
WITH 70mm FRAME

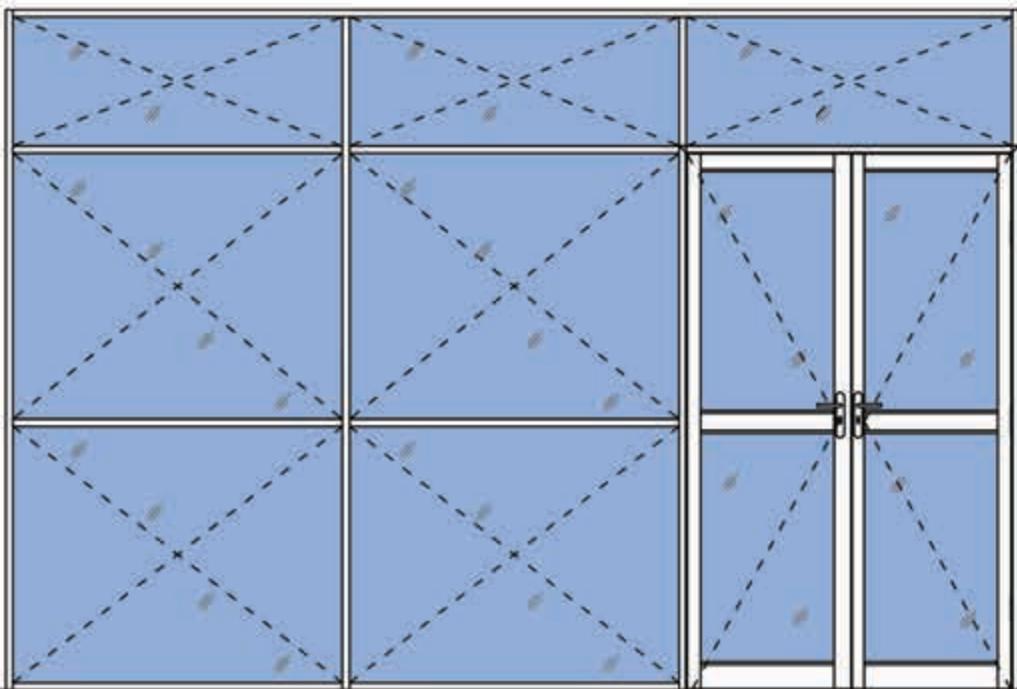
F.F.L.

100mm DOUBLE DOOR



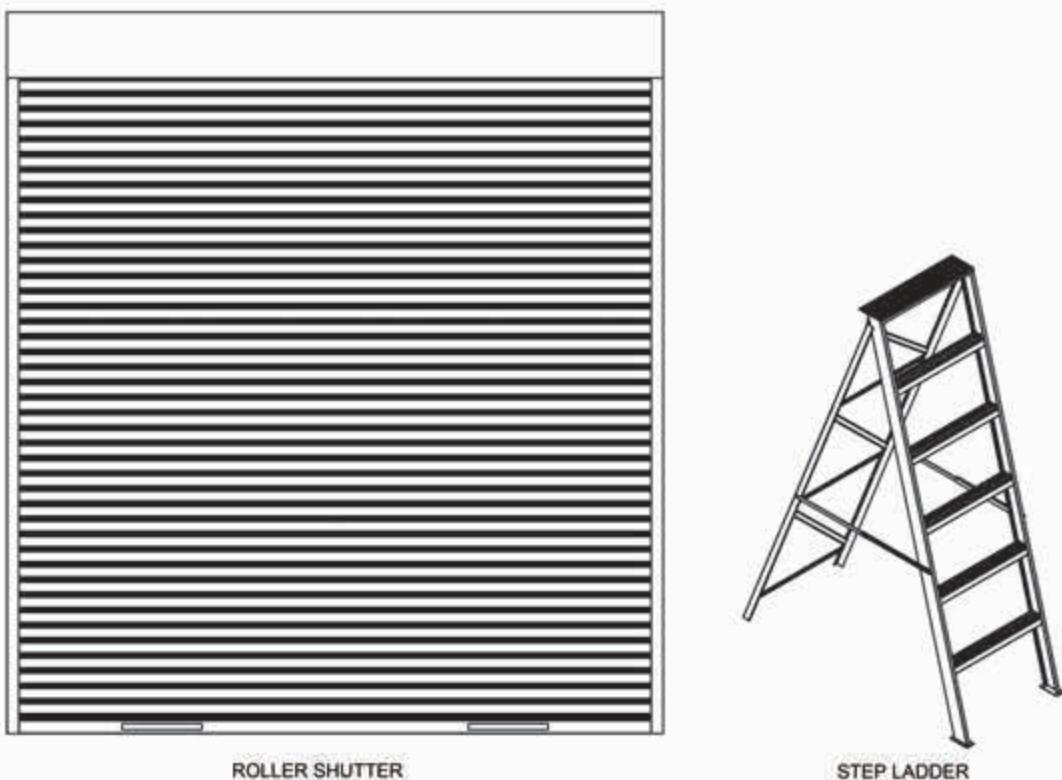
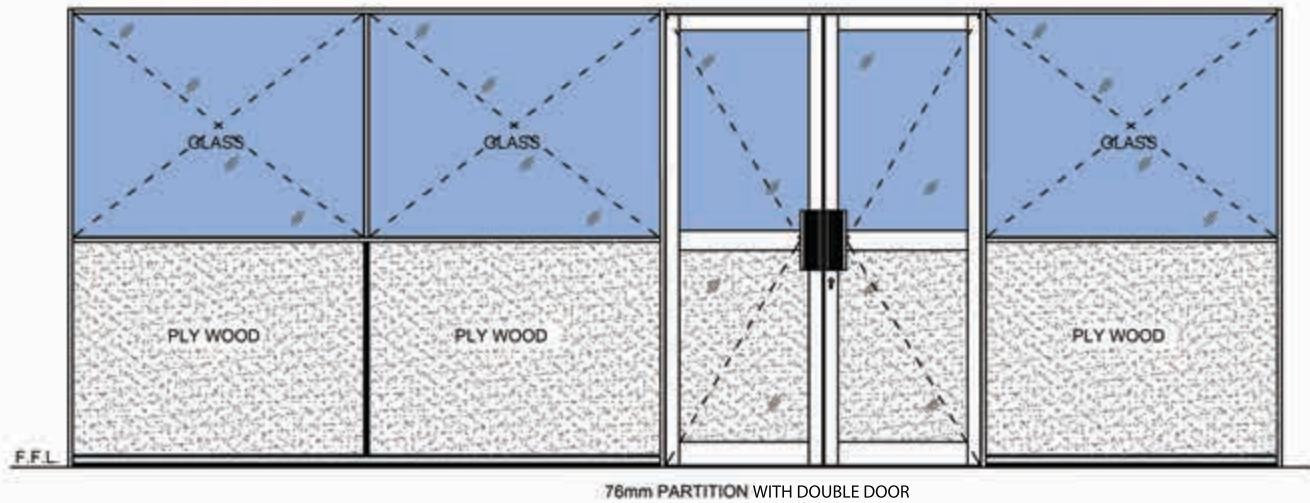
F.F.L.

100mm DOUBLE DOOR



F.F.L.

76mm SHOP FRONT WITH DOUBLE DOOR



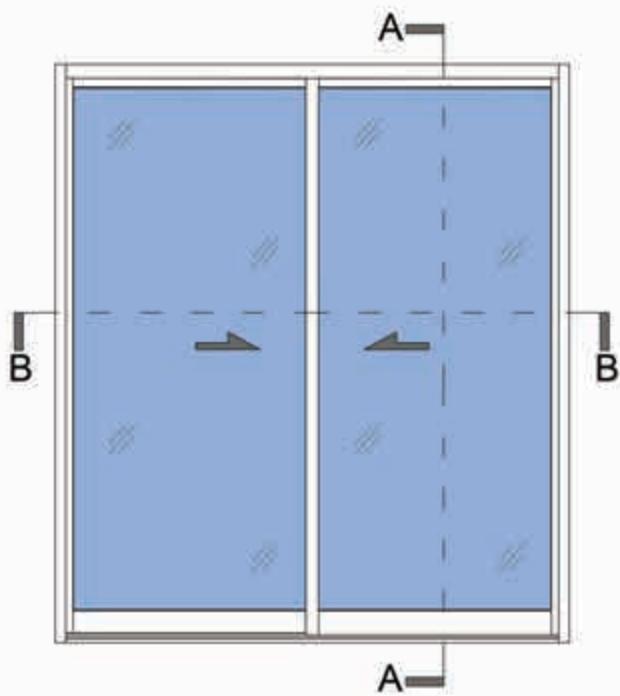
ROLLER SHUTTER

STEP LADDER

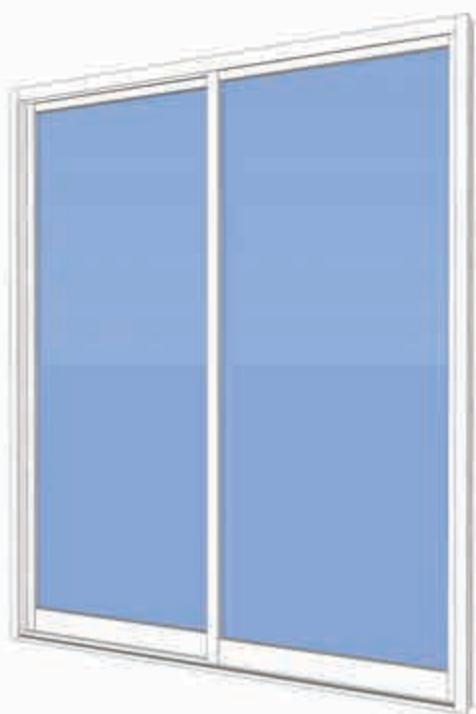
GROUP
1

SLIDING WINDOW

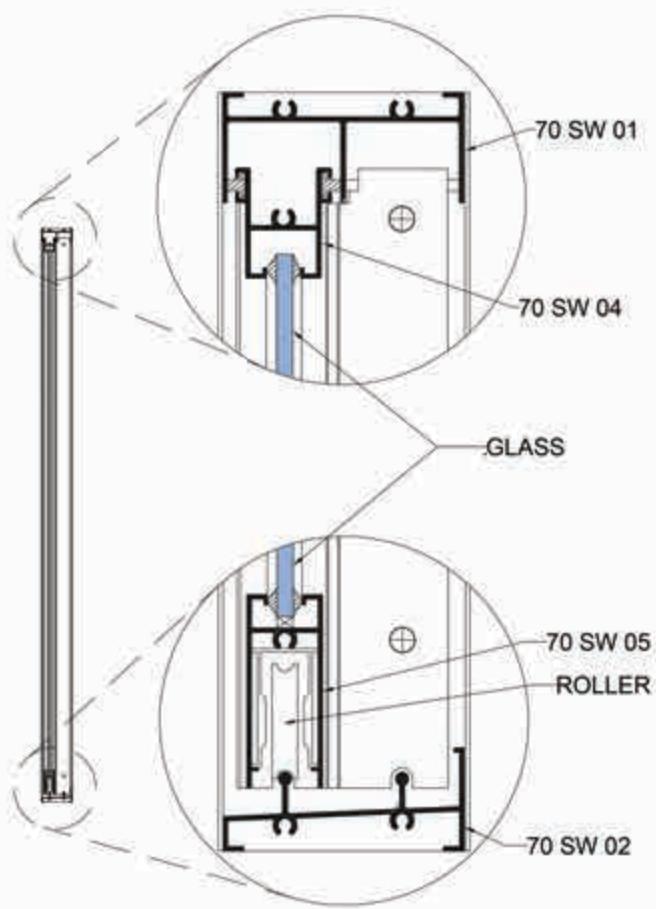
- 70mm PROFILE -



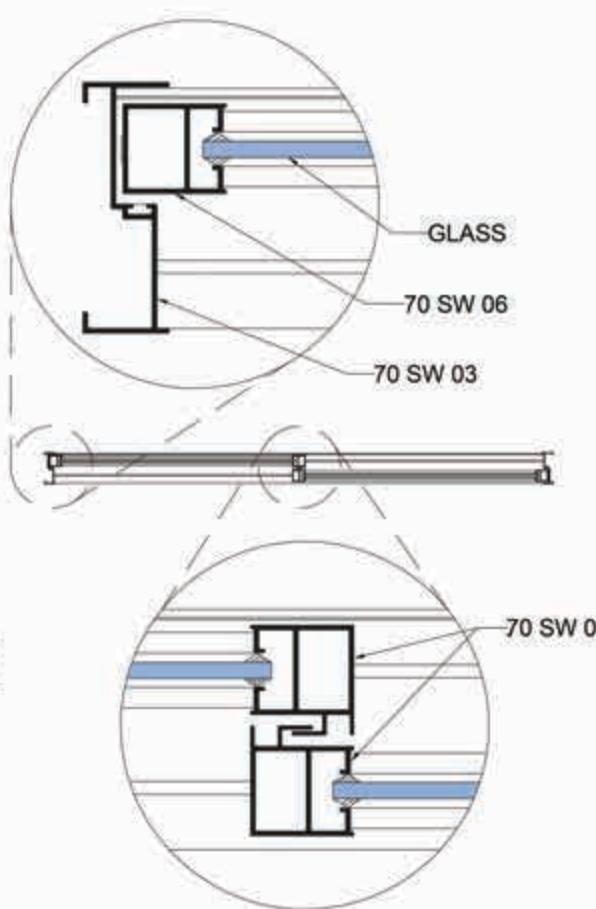
FRONT ELEVATION



3D VIEW / PERSPECTIVE

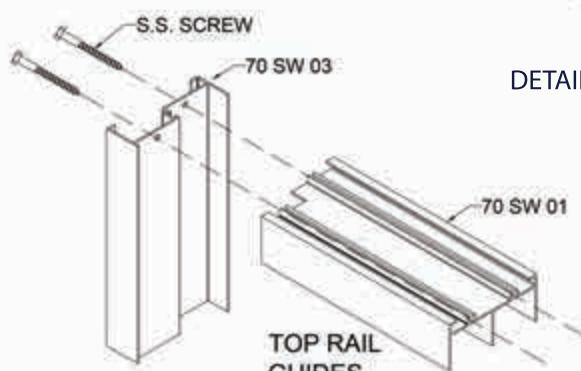
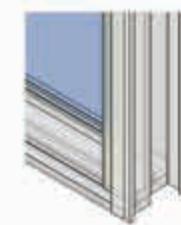
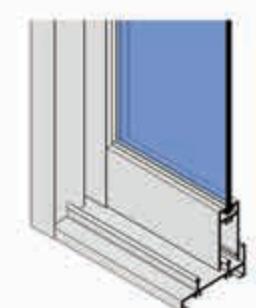
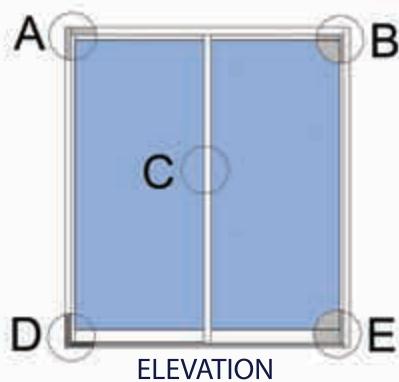


SECTION A-A

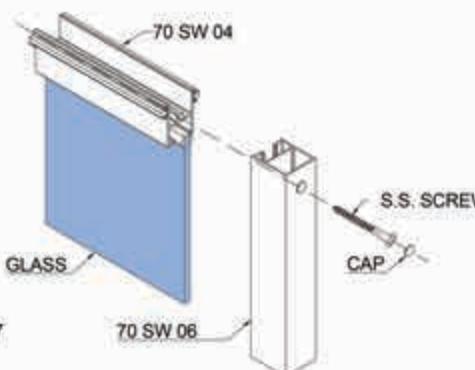


SECTION B-B

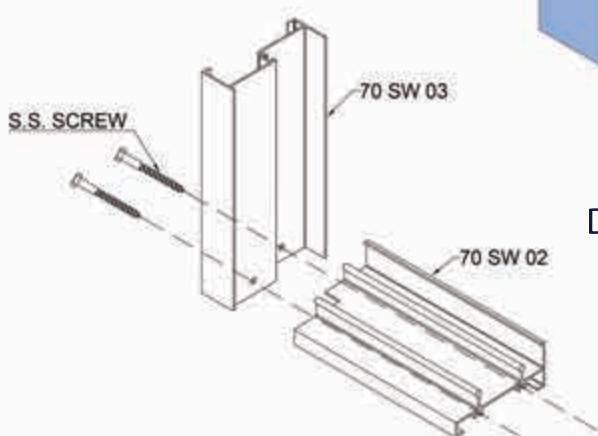
ASSEMBLING DETAILS & SECTIONAL DETAILS

GROUP
1SLIDING WINDOW
- 70mm PROFILE -

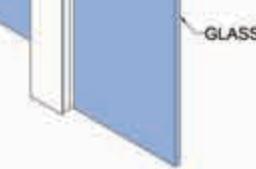
DETAIL - A (TOP RAIL)



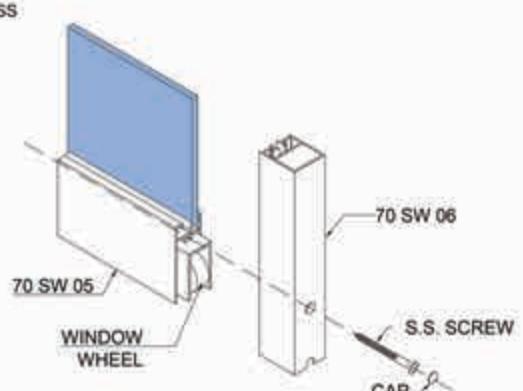
DETAIL - B



DETAIL - C (BOTTOM RAIL)

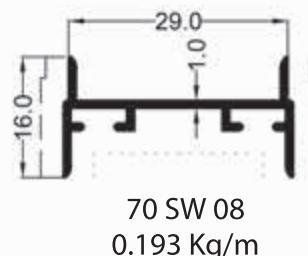
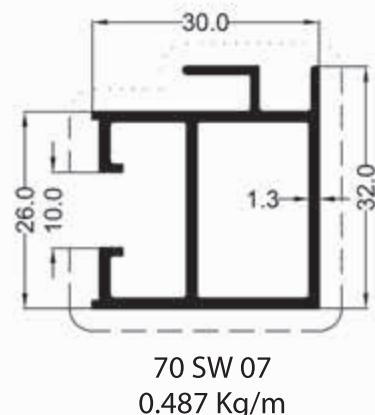
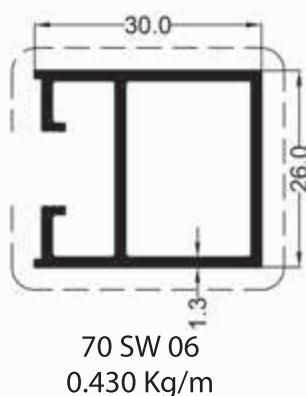
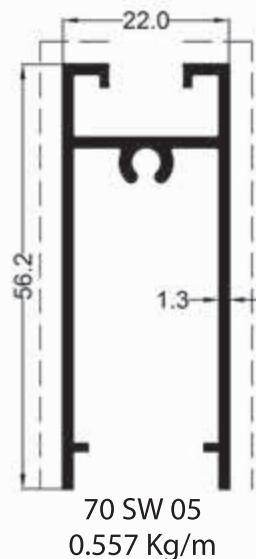
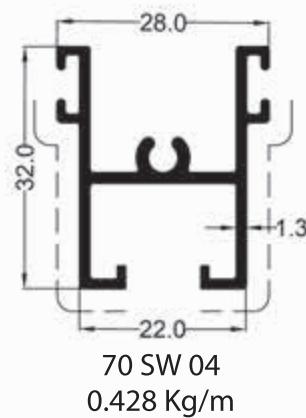
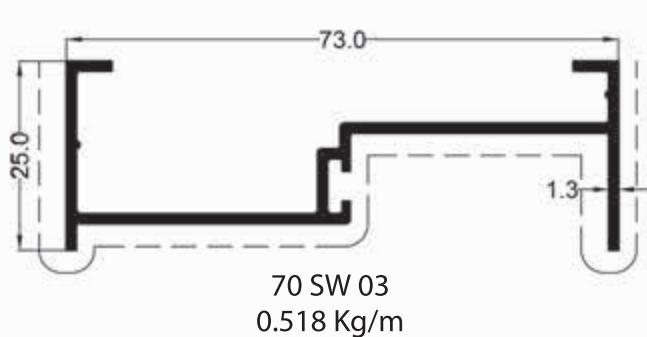
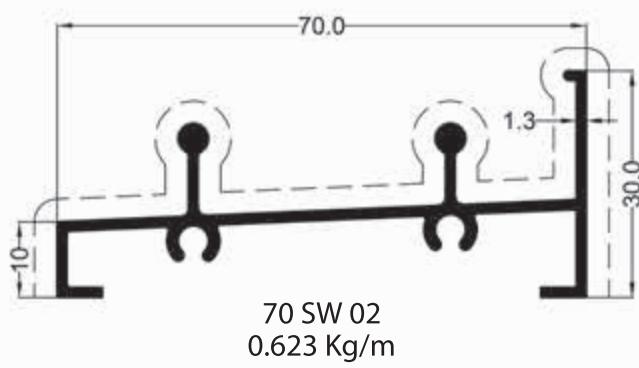
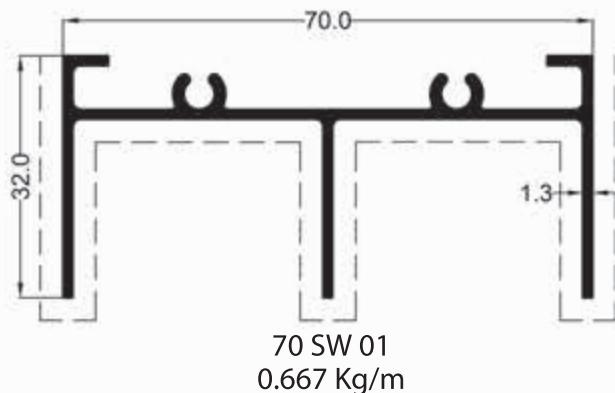


DETAIL - D



DETAIL - E

3D ASSEMBLING DETAILS

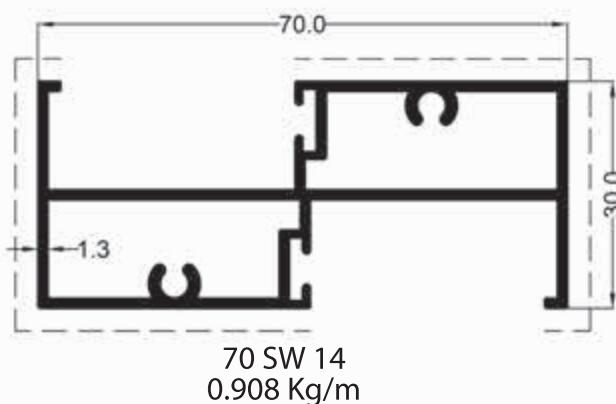
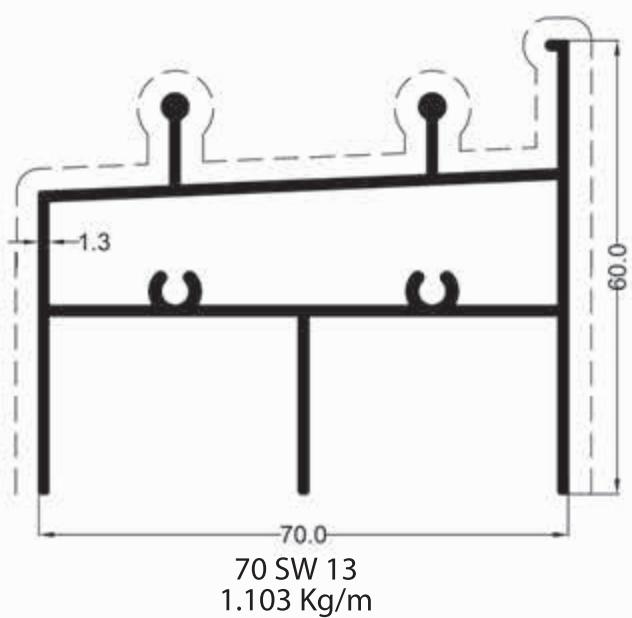
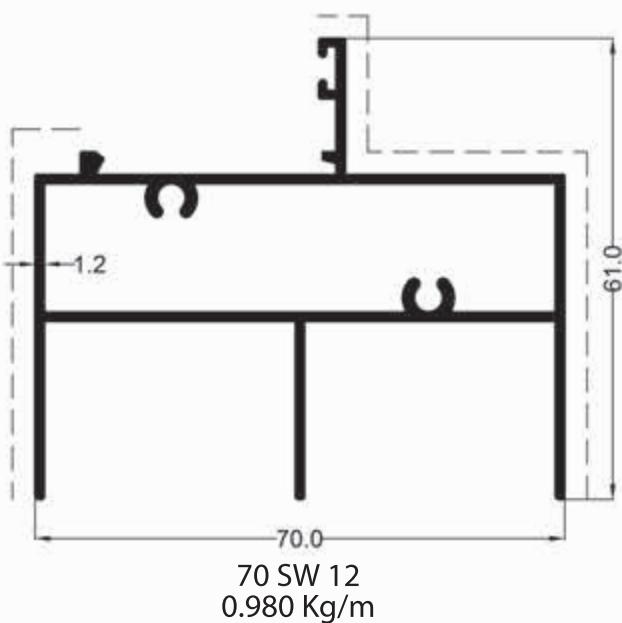
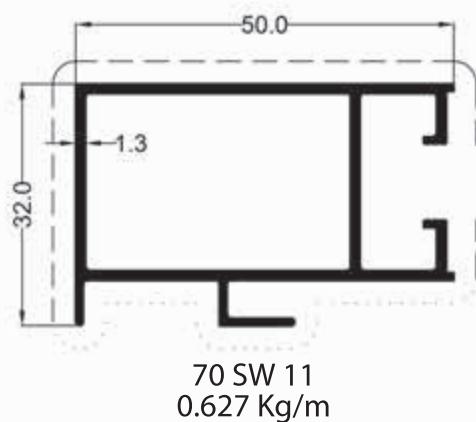
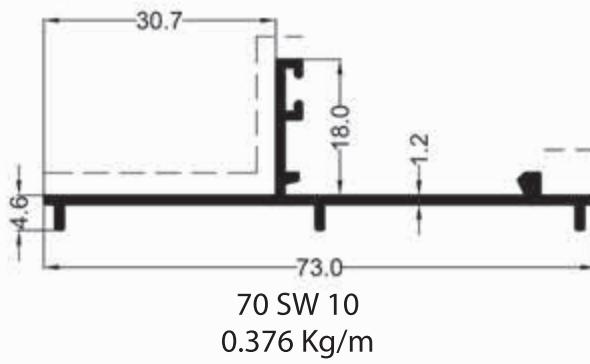
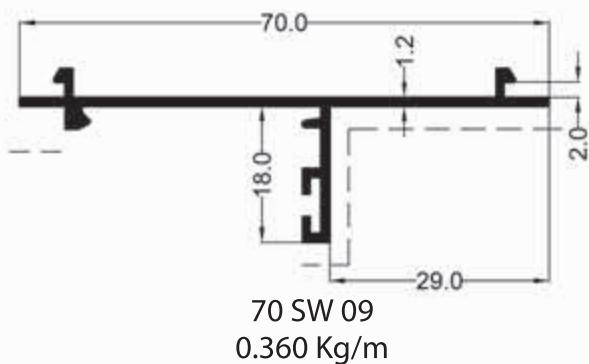
GROUP
1SLIDING WINDOW
- 70mm PROFILE -

[----- VISIBLE SURFACE]

PROFILE DIAGRAM WITH MEASUREMENTS

GROUP
1

SLIDING WINDOW
- 70mm PROFILE -



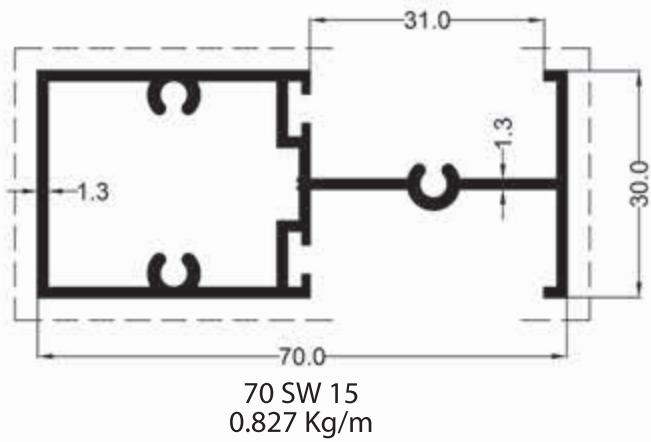
----- VISIBLE SURFACE -----

PROFILE DIAGRAM WITH MEASUREMENTS

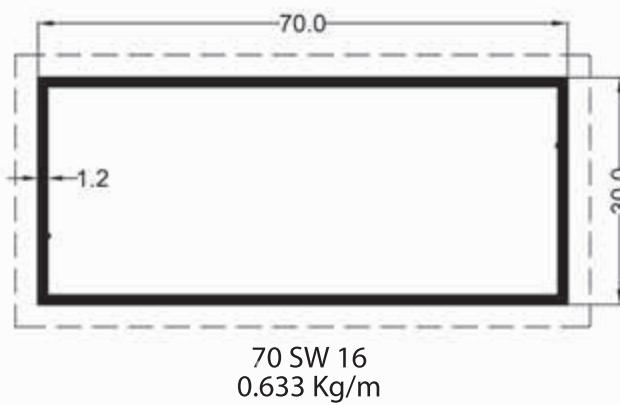
GROUP
1

SLIDING WINDOW

- 70mm PROFILE -



70 SW 15
0.827 Kg/m



70 SW 16
0.633 Kg/m

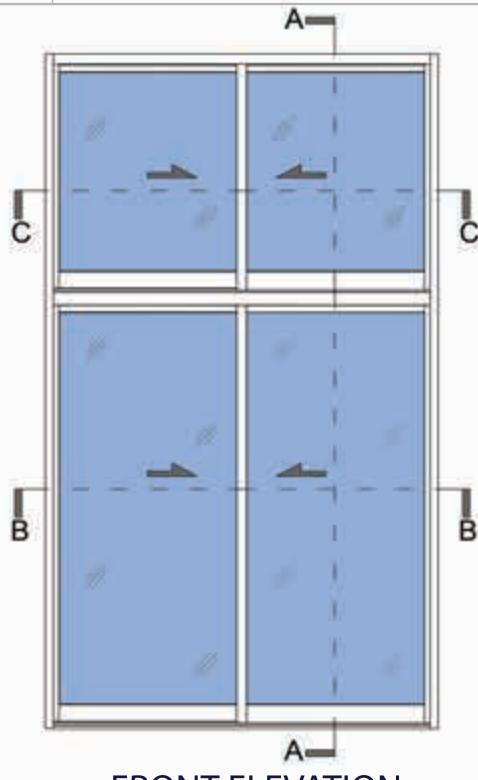
[----- VISIBLE SURFACE -----]

PROFILE DIAGRAM WITH MEASUREMENTS

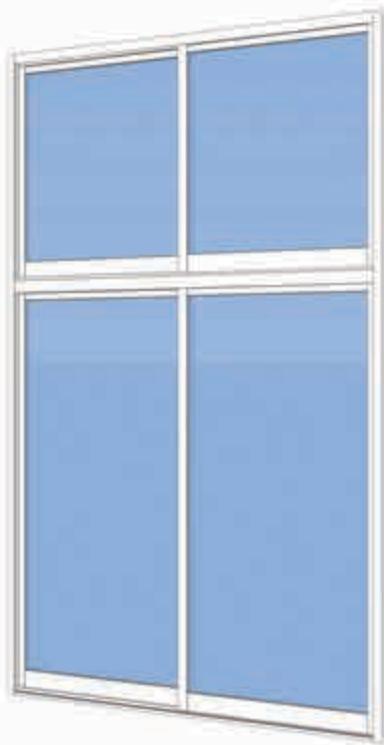
GROUP
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SLIDING WINDOW

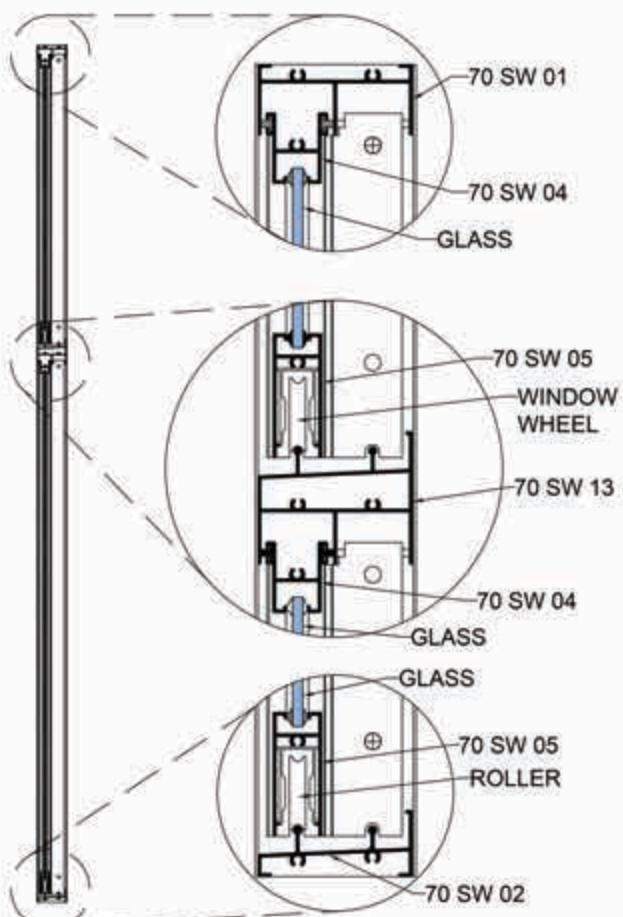
- 70mm PROFILE -



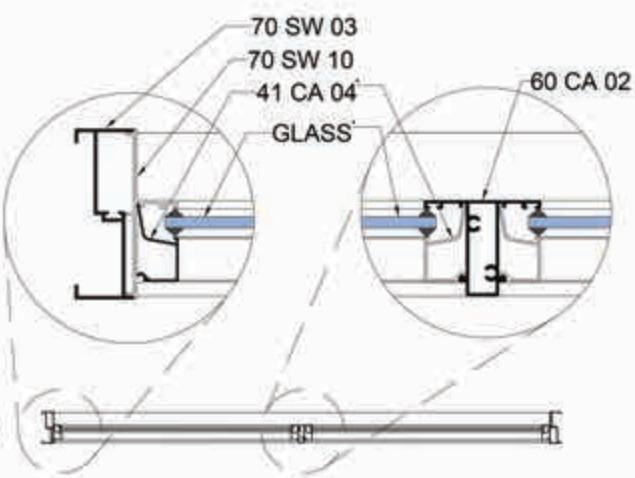
FRONT ELEVATION



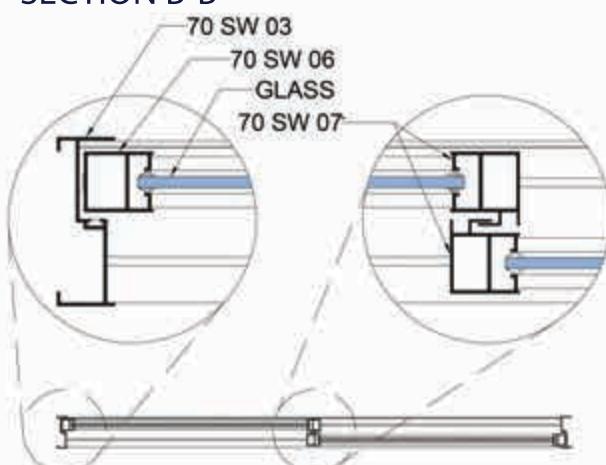
3D VIEW / PERSPECTIVE



SECTION A-A



SECTION B-B



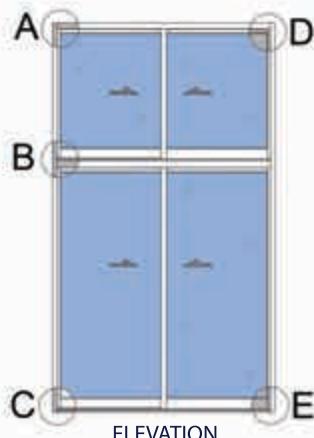
SECTION C-C

WITH TOP SLIDING ASSEMBLING DETAILS & SECTIONAL DETAILS

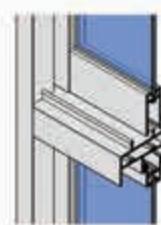
GROUP
1

SLIDING WINDOW

- 70mm PROFILE -



DETAIL - A



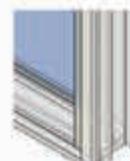
DETAIL - B



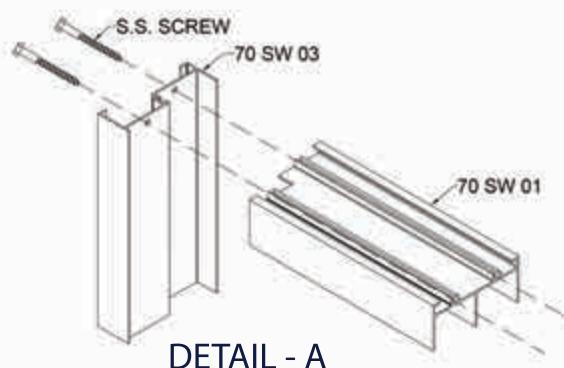
DETAIL - C



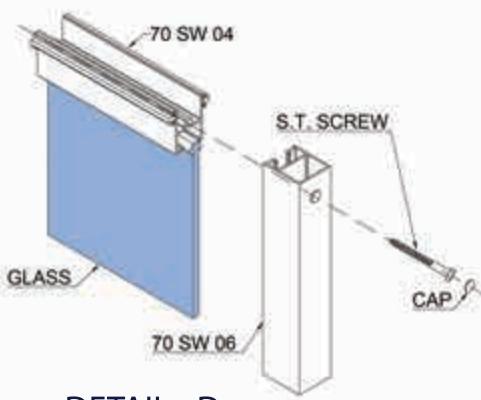
DETAIL - D



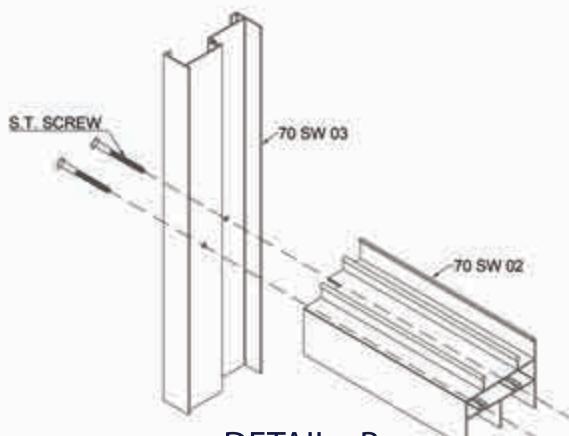
DETAIL - E



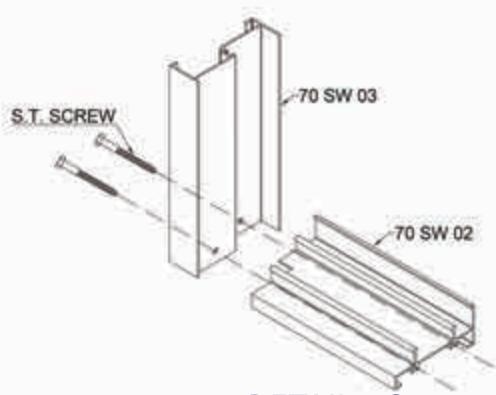
DETAIL - A



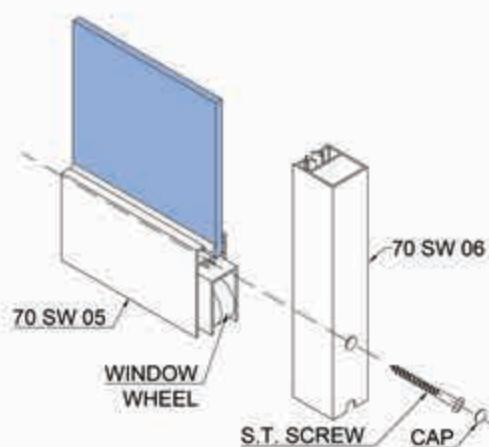
DETAIL - D



DETAIL - B



DETAIL - C



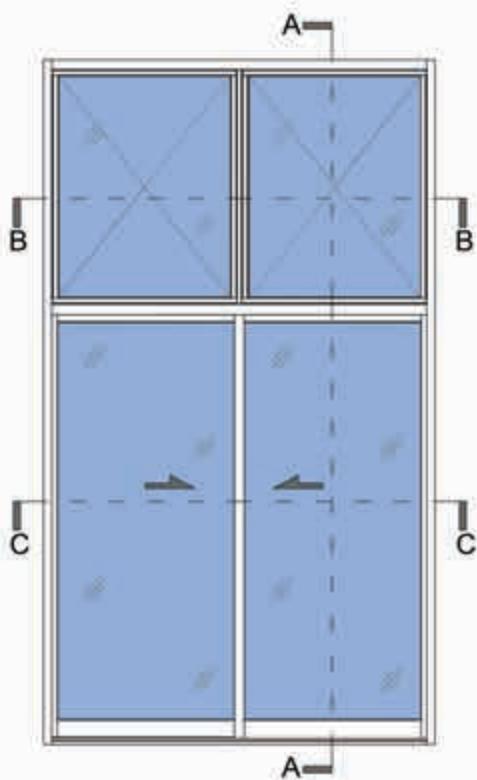
DETAIL - E

WITH TOP SLIDING ASSEMBLING DETAILS & SECTIONAL DETAILS

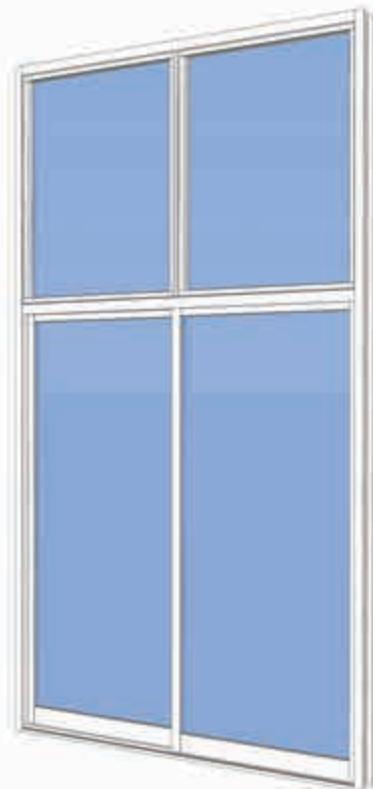
GROUP
1

SLIDING WINDOW

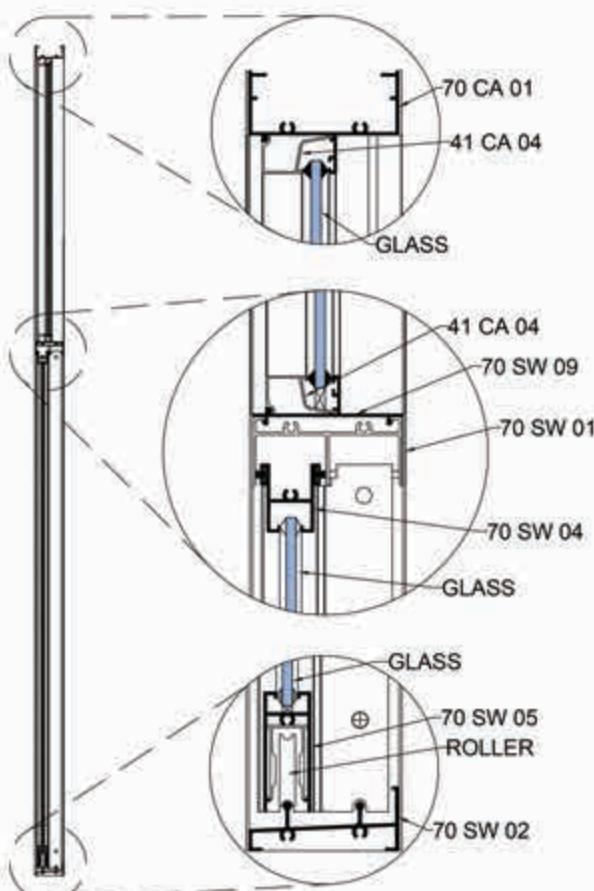
- 70mm PROFILE -



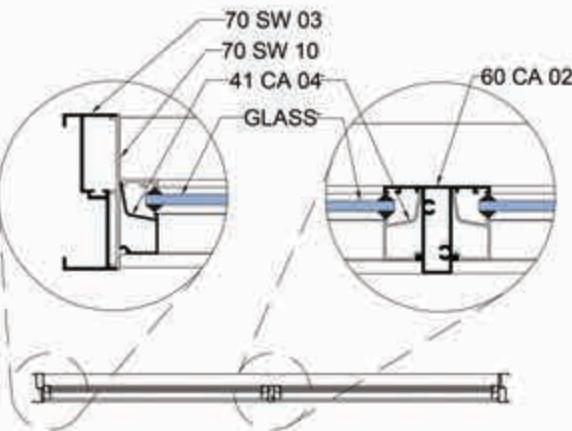
FRONT ELEVATION



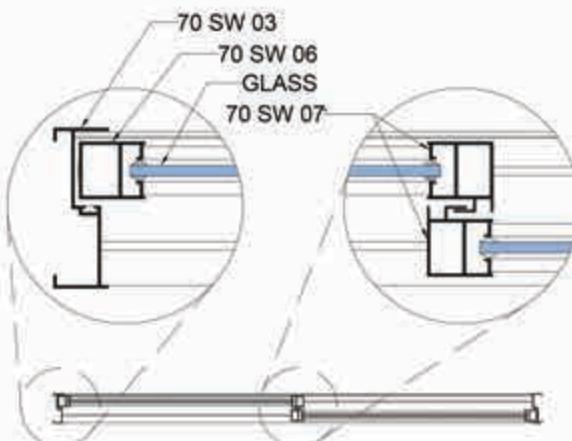
3D VIEW / PERSPECTIVE



SECTION A-A



SECTION B-B

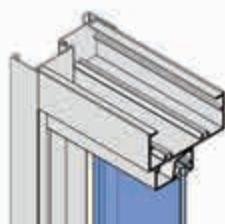
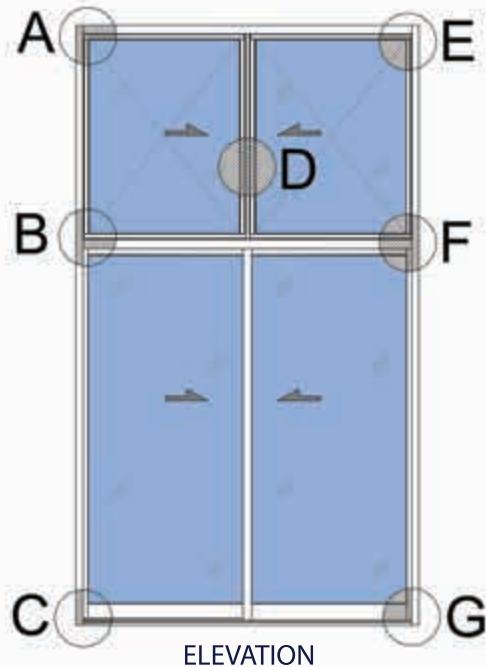


SECTION C-C

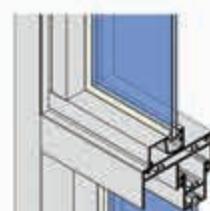
WITH TOP FIX ASSEMBLING DETAILS & SECTIONAL DETAILS

GROUP
1

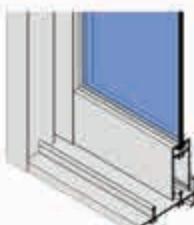
SLIDING WINDOW
- 70mm PROFILE -



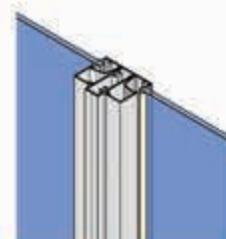
DETAIL - A



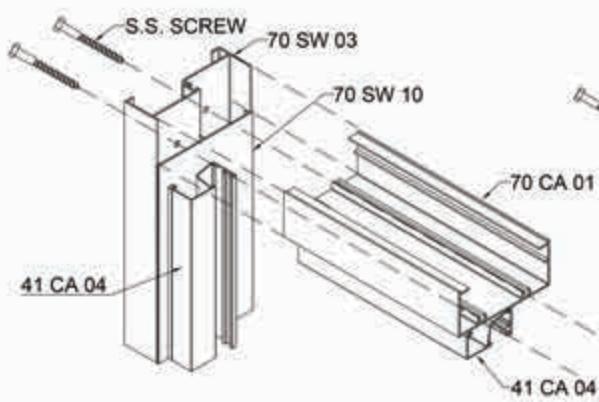
DETAIL - B



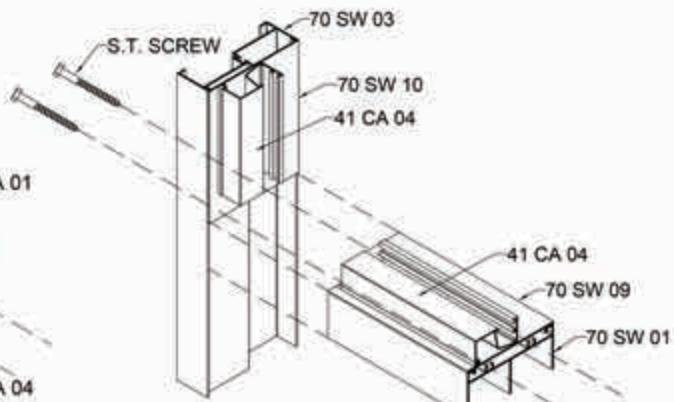
DETAIL - C



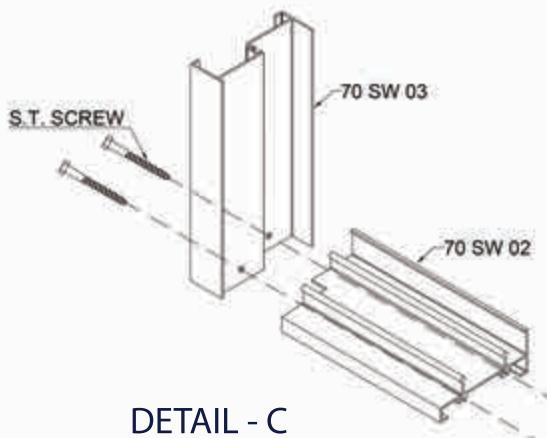
DETAIL - D



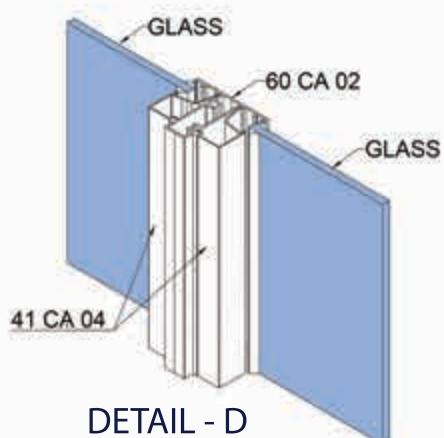
DETAIL - A



DETAIL - B



DETAIL - C



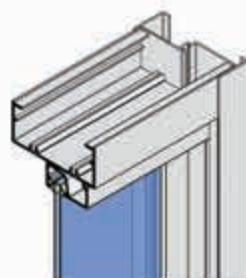
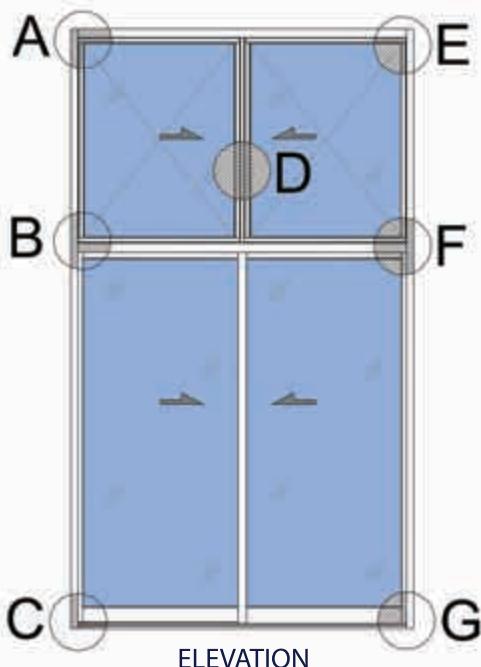
DETAIL - D

WITH TOP FIX ASSEMBLING DETAILS & SECTIONAL DETAILS

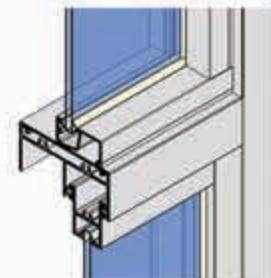
GROUP
1

SLIDING WINDOW

- 70mm PROFILE -



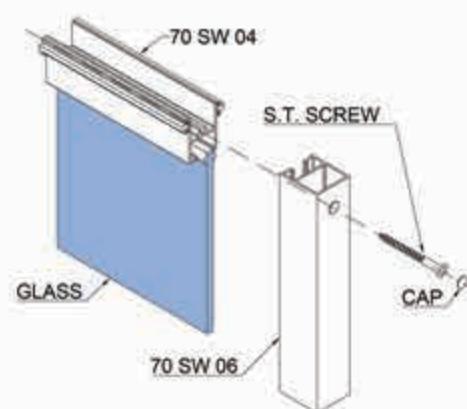
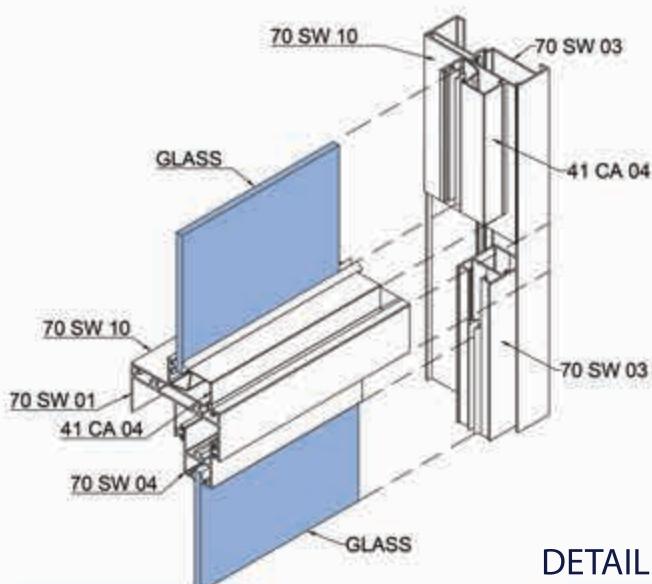
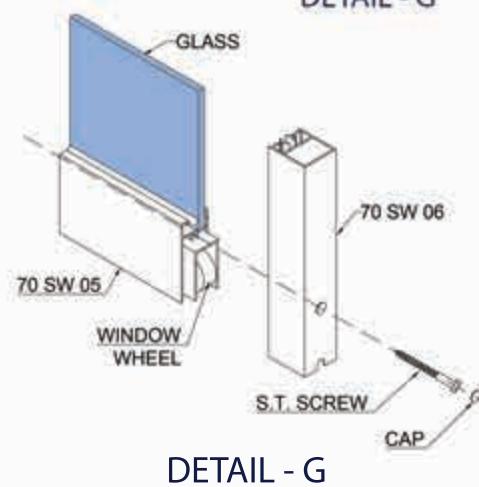
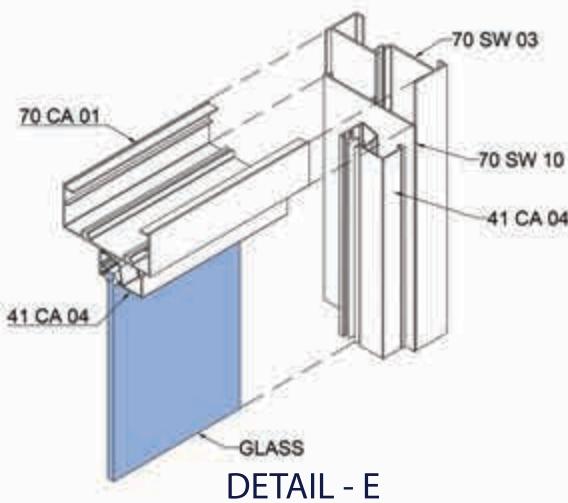
DETAIL - E



DETAIL - F



DETAIL - G

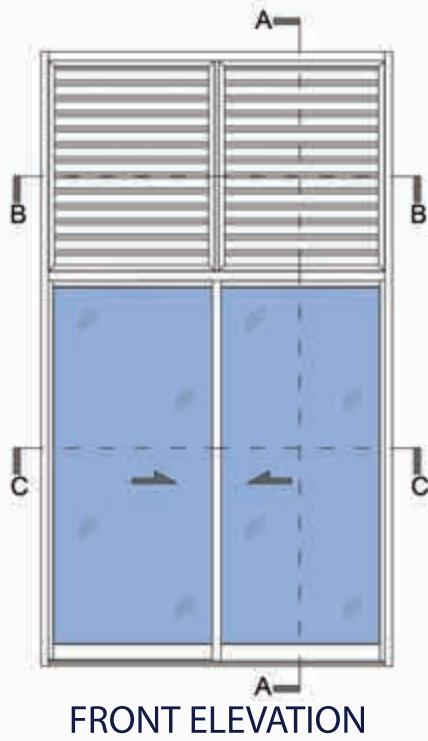


WITH TOP FIX ASSEMBLING DETAILS & SECTIONAL DETAILS

GROUP
1

SLIDING WINDOW

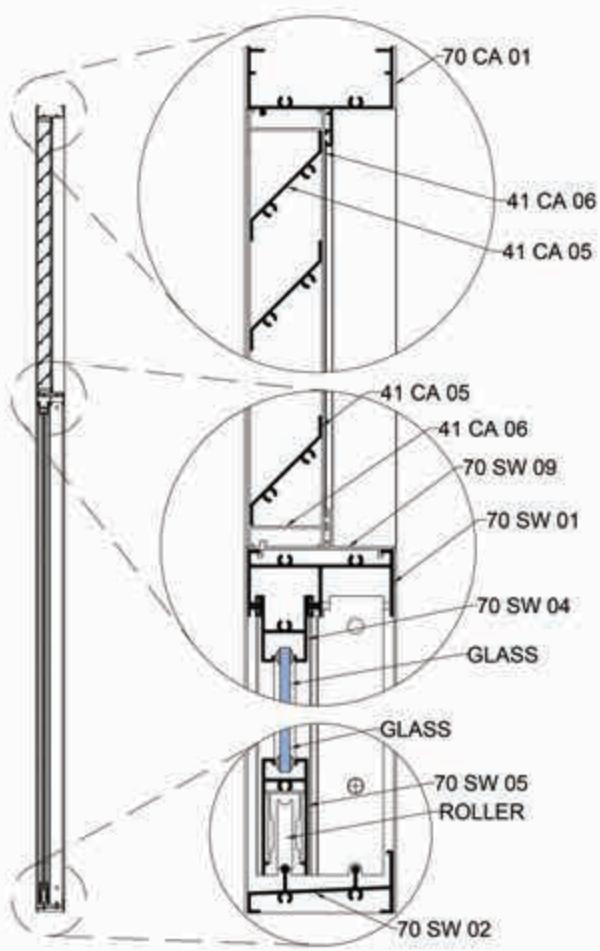
- 70mm PROFILE -



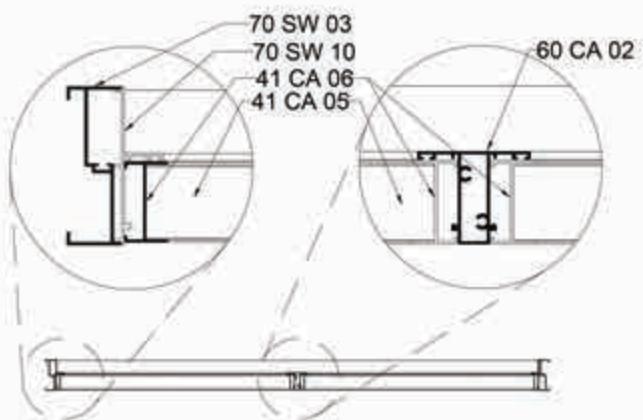
FRONT ELEVATION



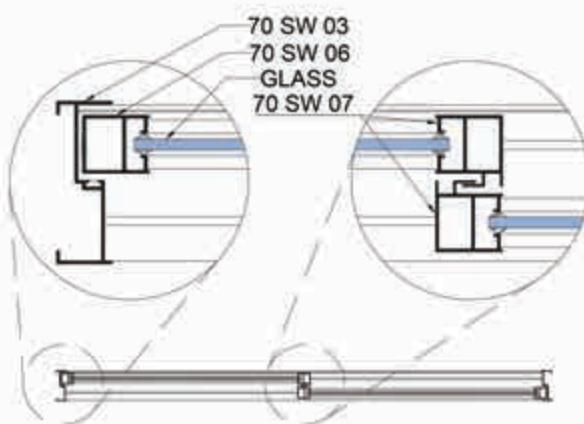
3D VIEW / PERSPECTIVE



SECTION A-A

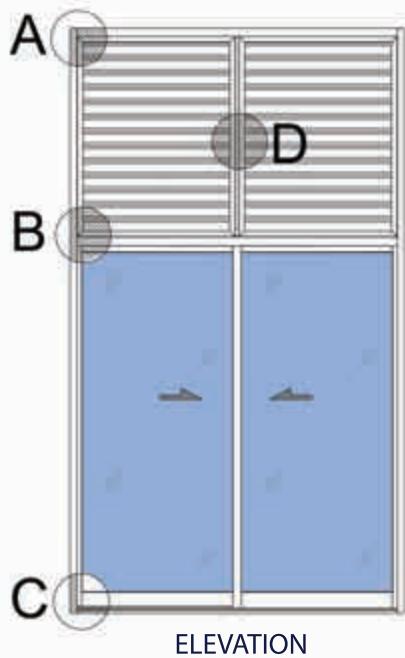


SECTION B-B



SECTION C-C

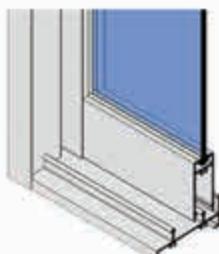
WITH TOP LOUVER ASSEMBLING DETAILS & SECTIONAL DETAILS

GROUP
1SLIDING WINDOW
- 70mm PROFILE -

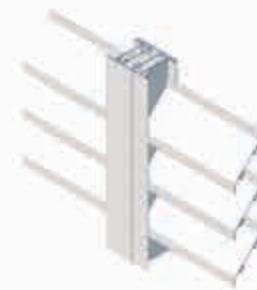
DETAIL - A



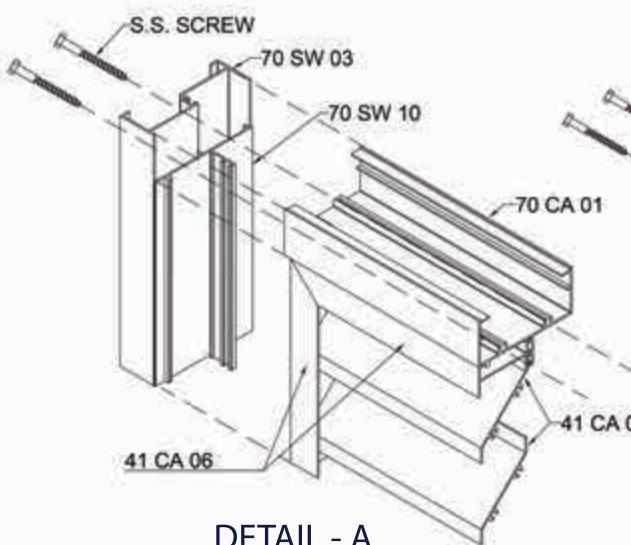
DETAIL - B



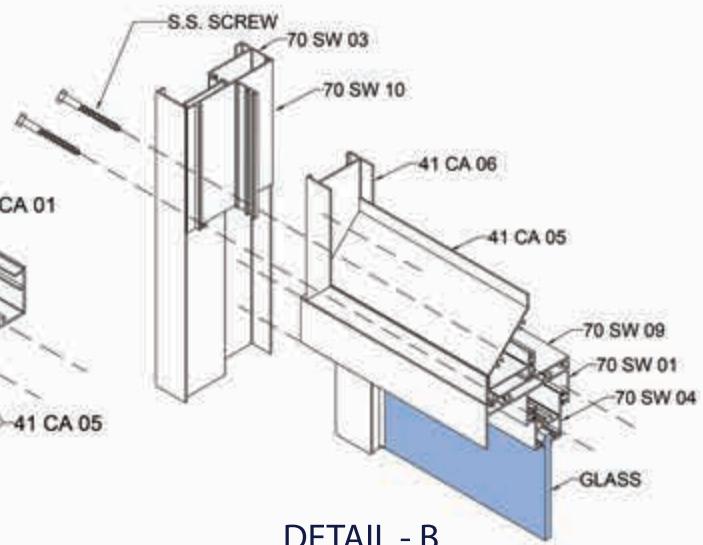
DETAIL - C



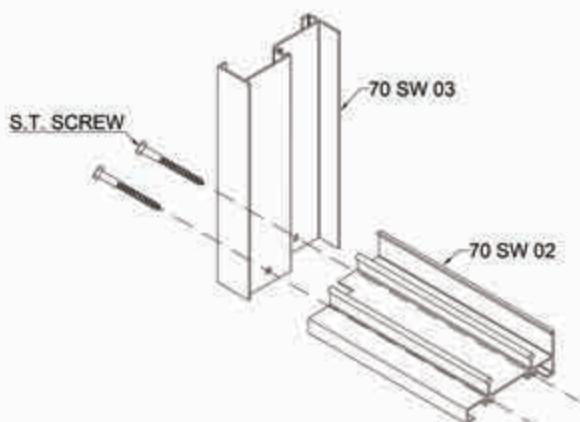
DETAIL - D



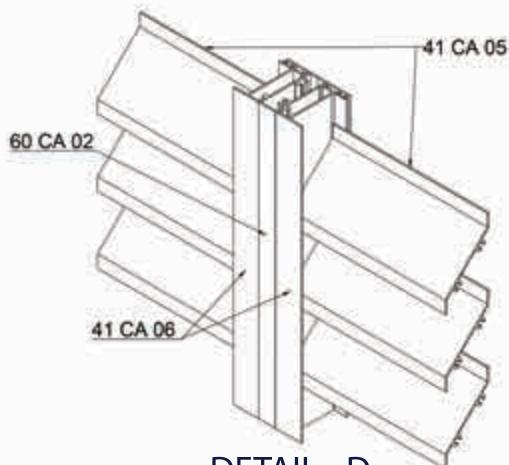
DETAIL - A



DETAIL - B



DETAIL - C



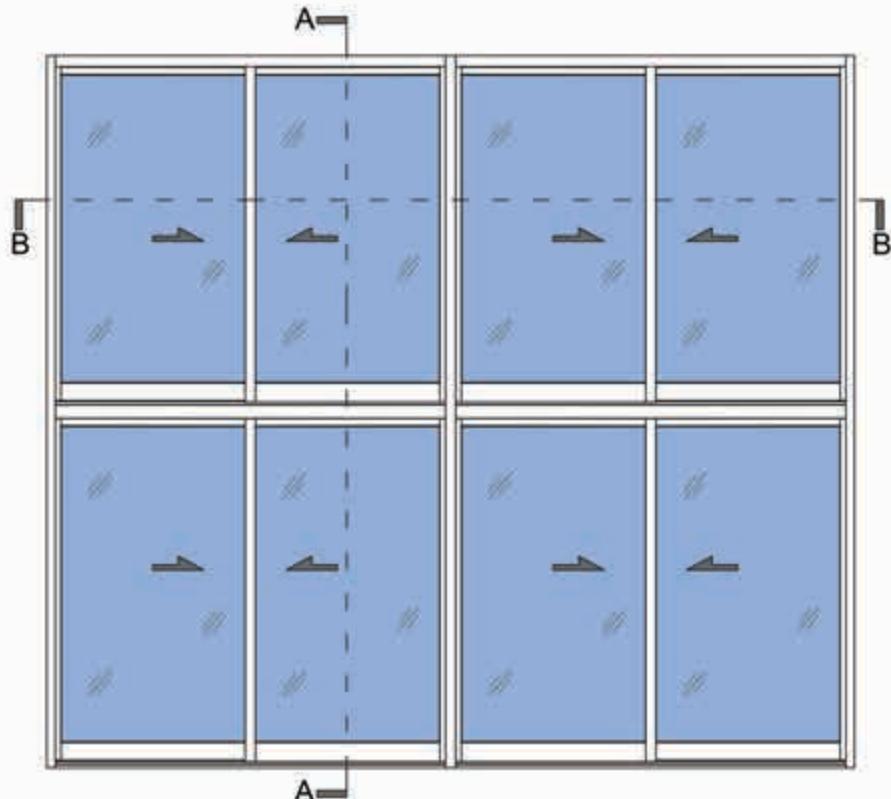
DETAIL - D

WITH TOP LOUVER ASSEMBLING DETAILS & SECTIONAL DETAILS

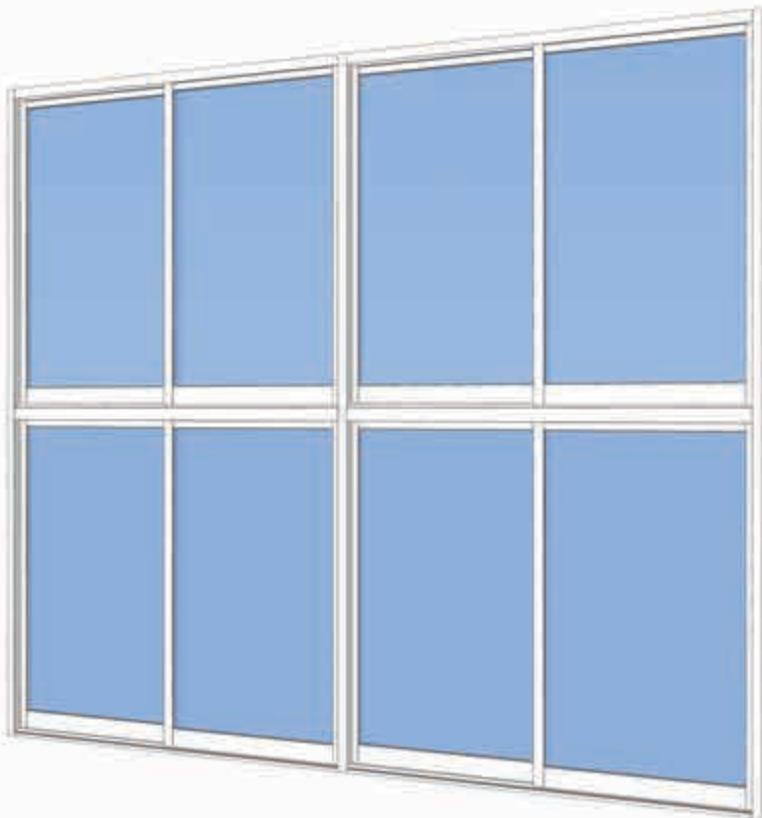
GROUP
1

SLIDING WINDOW

- 70mm PROFILE -



FRONT ELEVATION



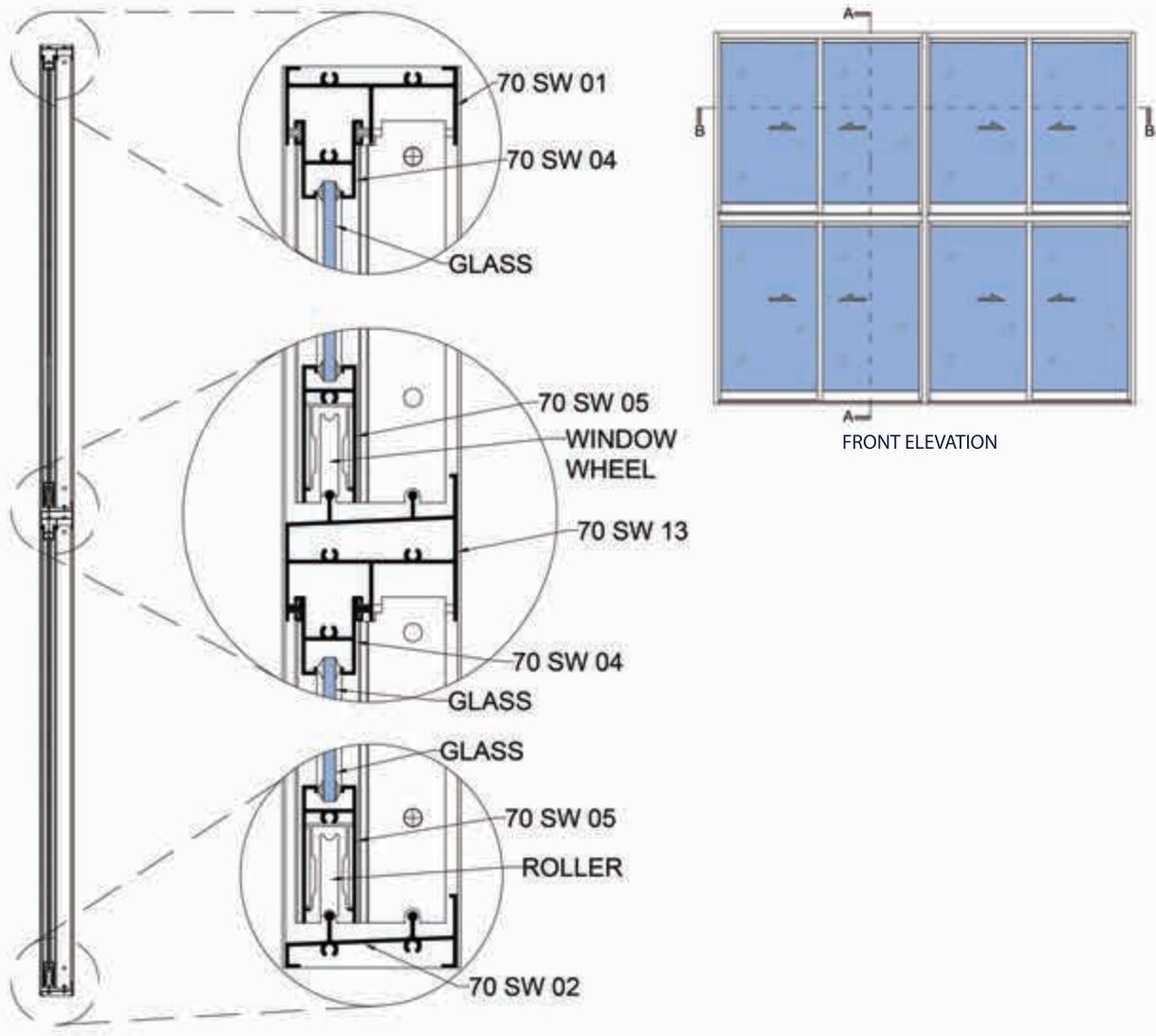
3D VIEW / PERSPECTIVE

WITH DOUBLE SLIDING ASSEMBLING DETAILS & SECTIONAL DETAILS

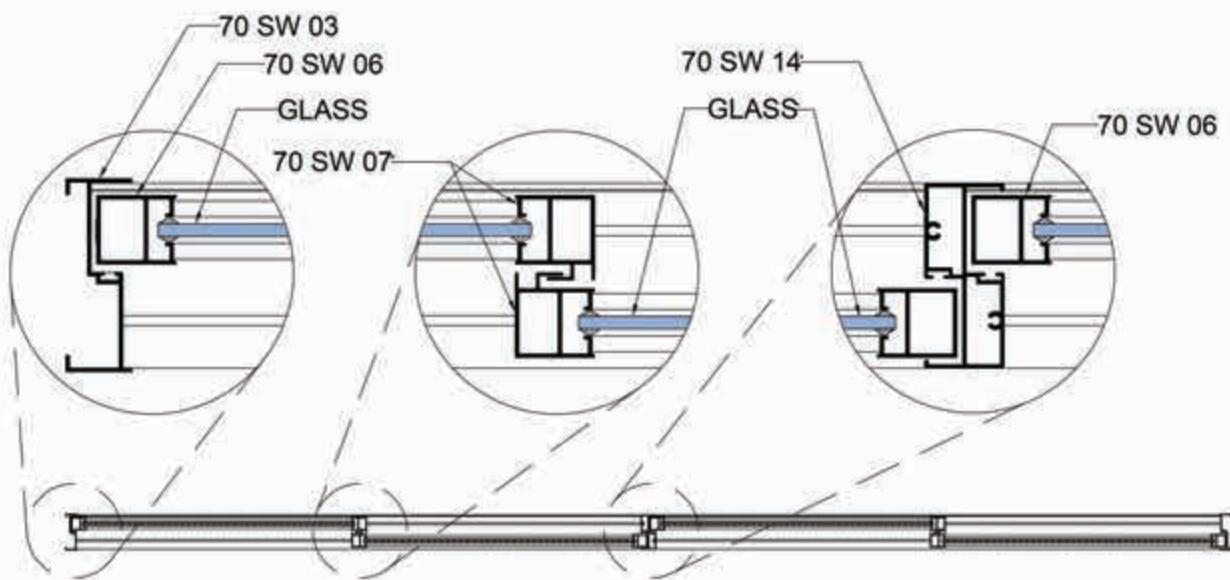
GROUP
1

SLIDING WINDOW

- 70mm PROFILE -



SECTION A-A



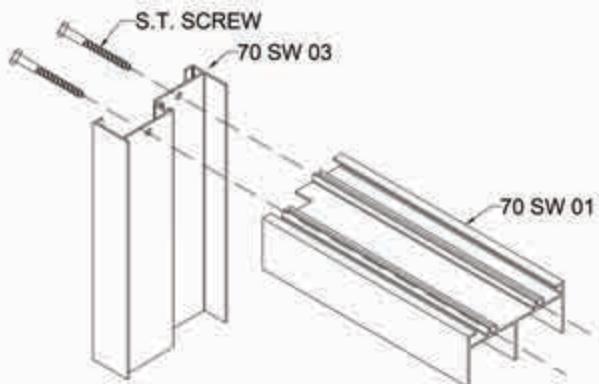
SECTION B-B

WITH DOUBLE SLIDING ASSEMBLING DETAILS & SECTIONAL DETAILS

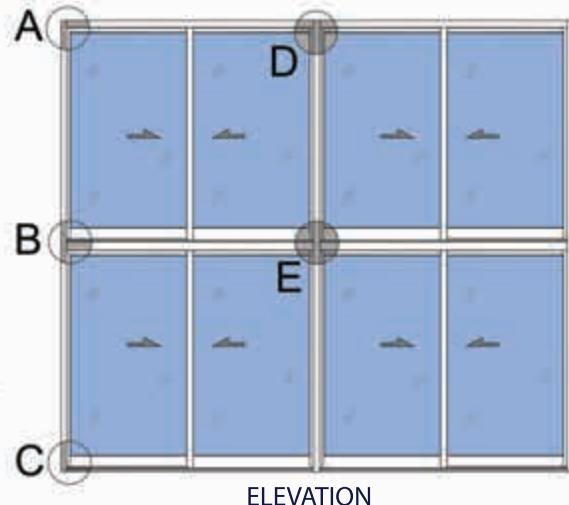
GROUP
1

SLIDING WINDOW

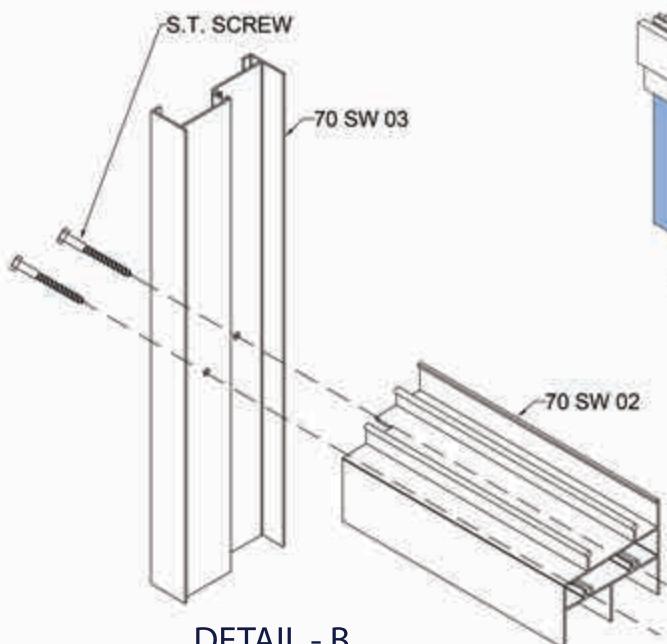
- 70mm PROFILE -



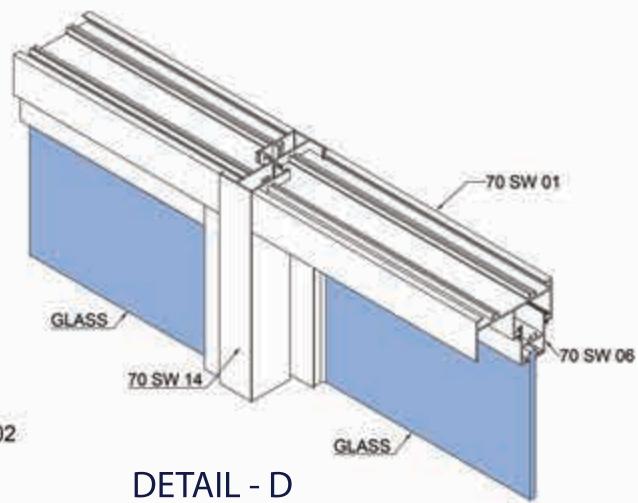
DETAIL - A



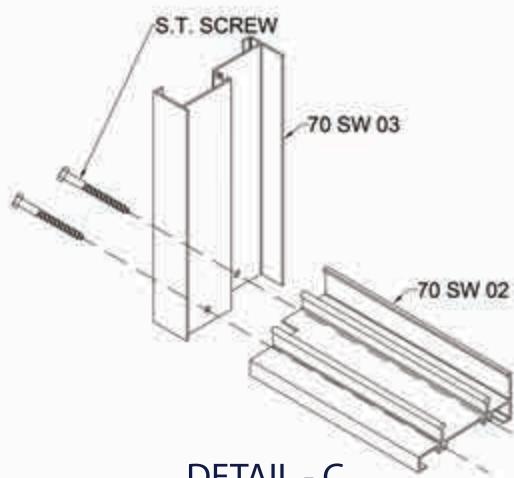
ELEVATION



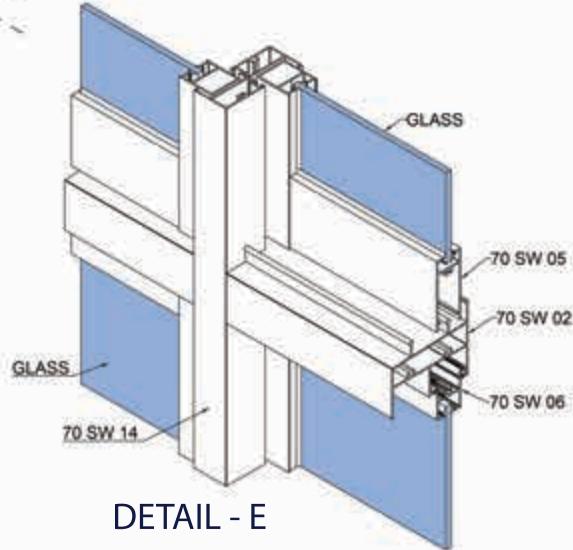
DETAIL - B



DETAIL - D

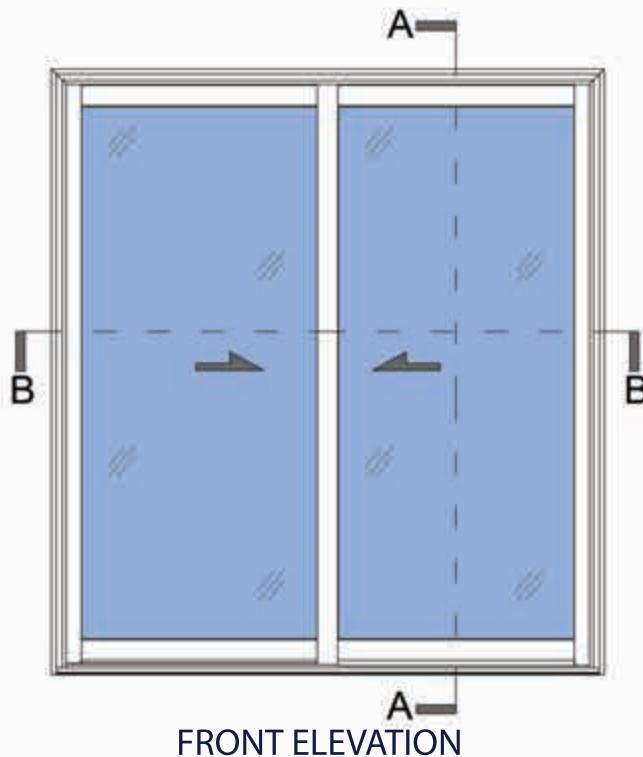


DETAIL - C



DETAIL - E

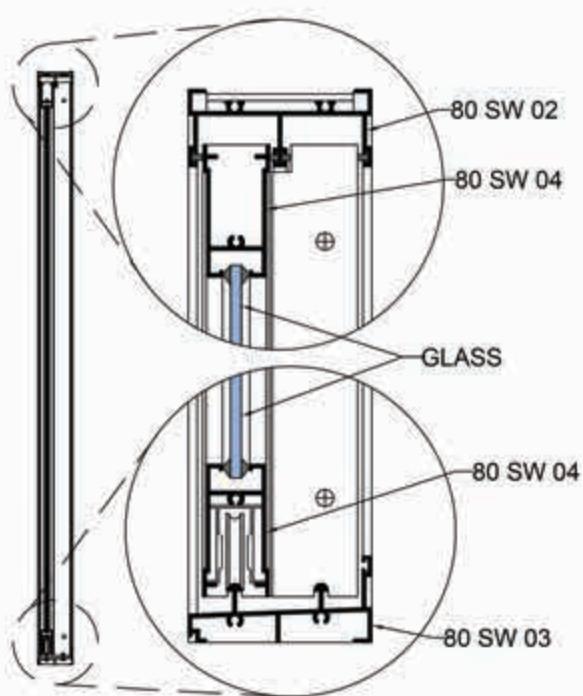
WITH DOUBLE SLIDING ASSEMBLING DETAILS & SECTIONAL DETAILS



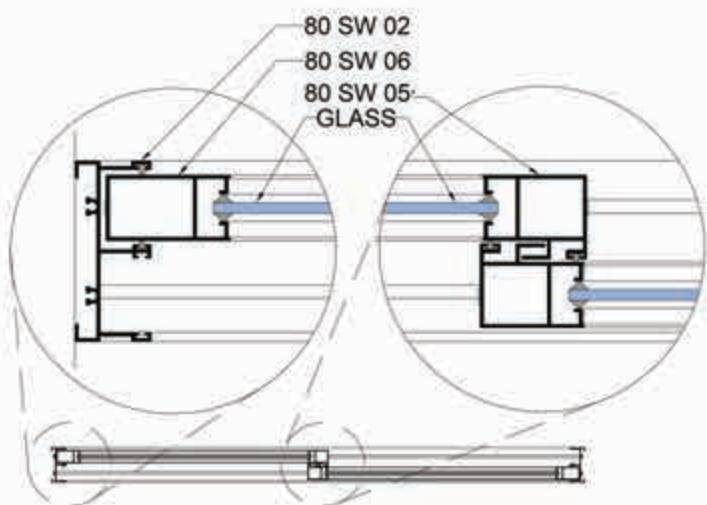
FRONT ELEVATION



3D VIEW / PERSPECTIVE

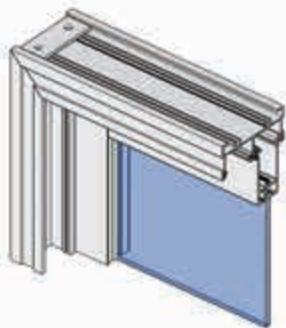


SECTION A-A

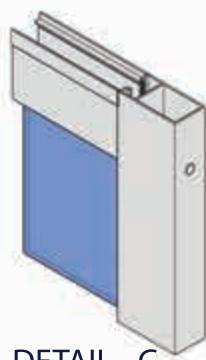


SECTION B-B

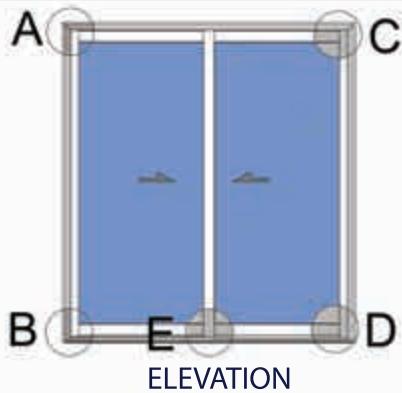
ASSEMBLING DETAILS & SECTIONAL DETAILS

GROUP
2SLIDING WINDOW
- 80mm PROFILE -

DETAIL - A (TOP RAIL)



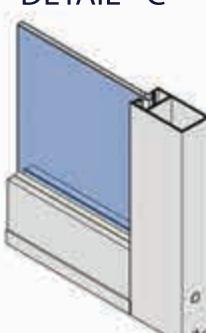
DETAIL - C



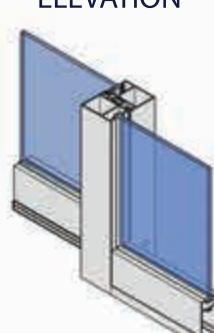
ELEVATION



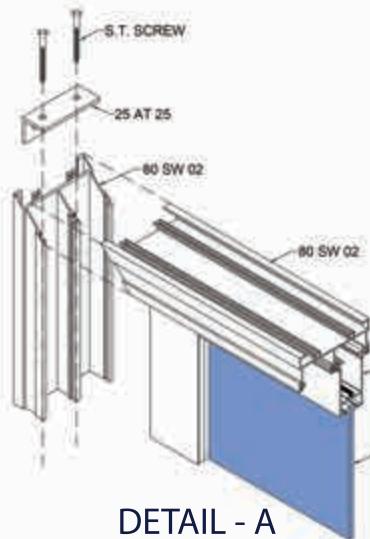
DETAIL - B (BOTTOM RAIL)



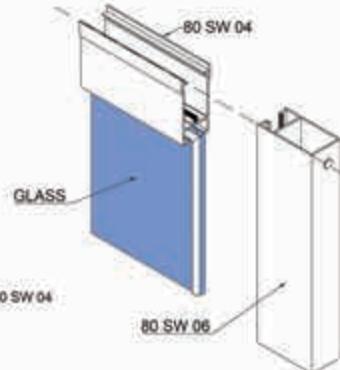
DETAIL - D



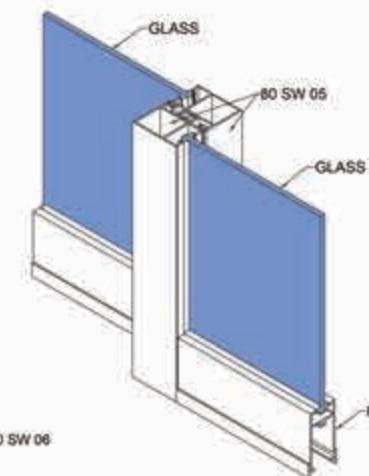
DETAIL - E



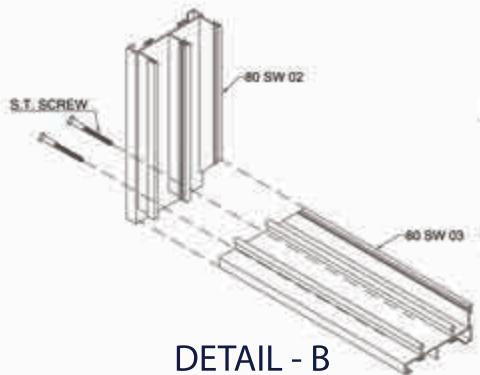
DETAIL - A



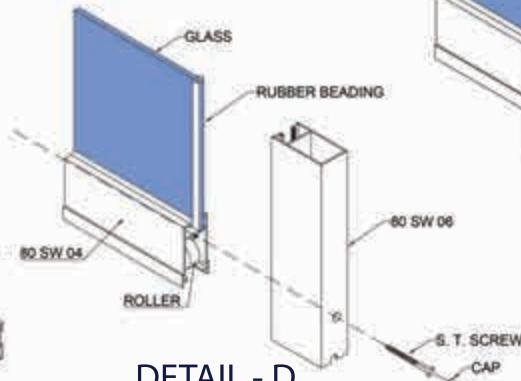
DETAIL - C



DETAIL - E



DETAIL - B



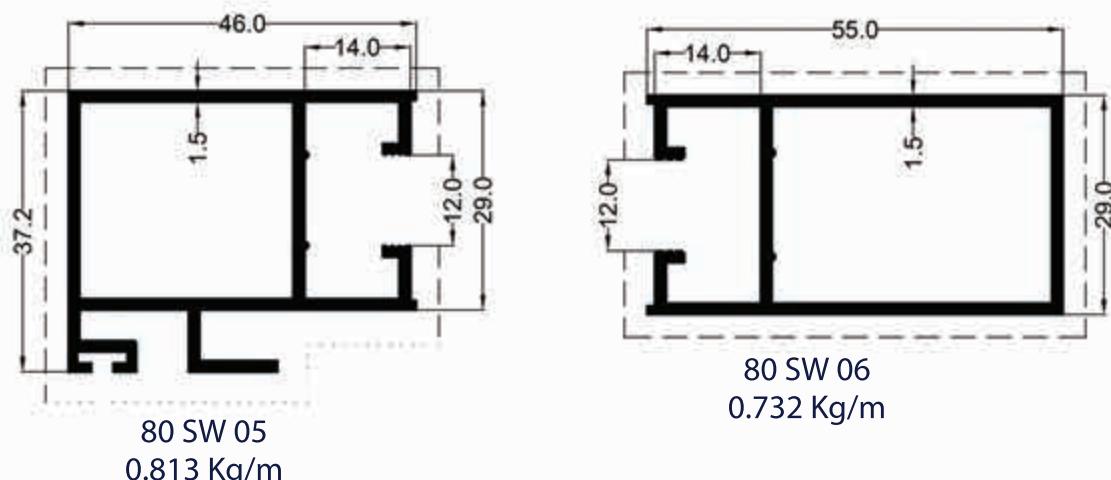
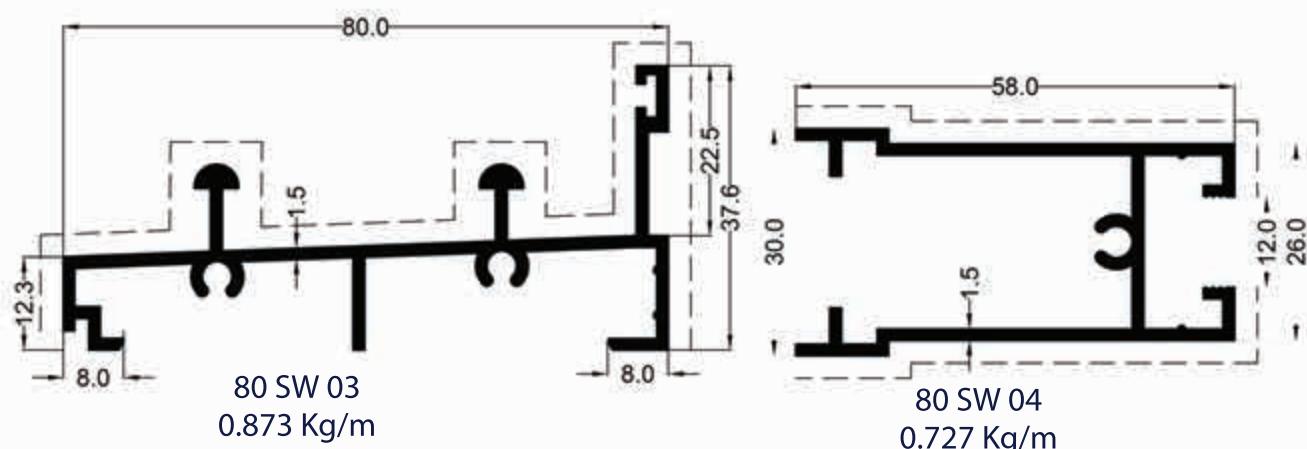
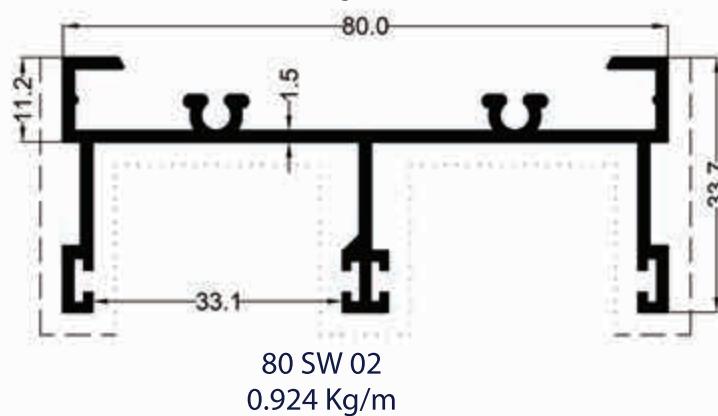
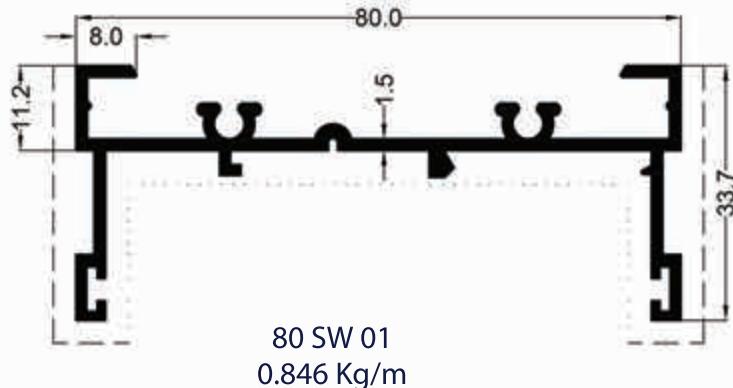
DETAIL - D

3D ASSEMBLING DETAILS

GROUP
2

SLIDING WINDOW

- 80mm PROFILE -



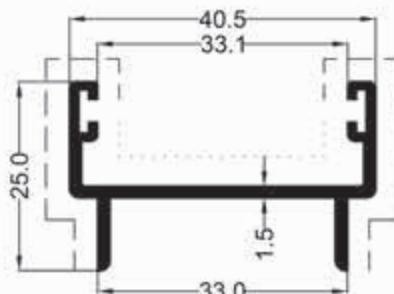
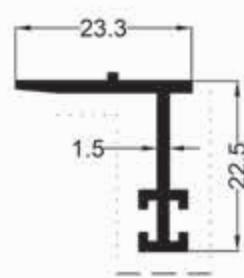
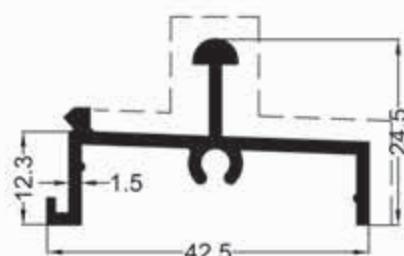
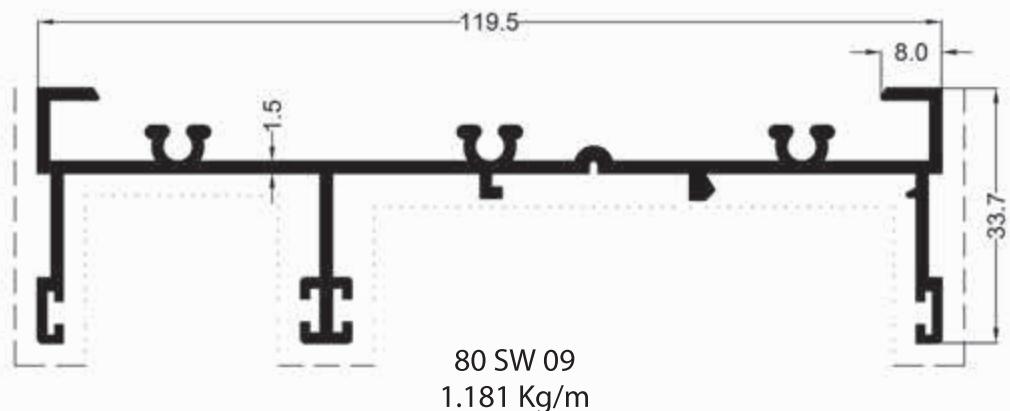
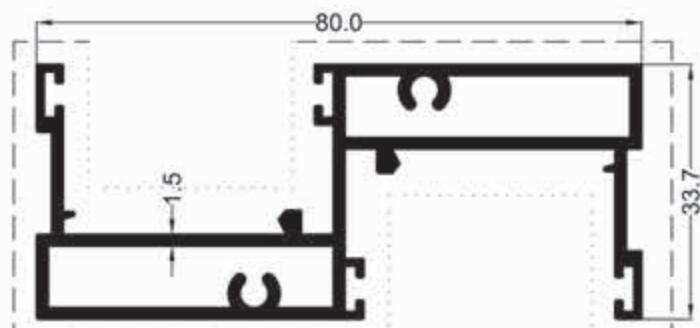
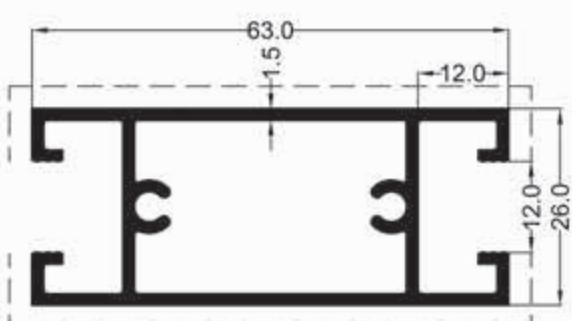
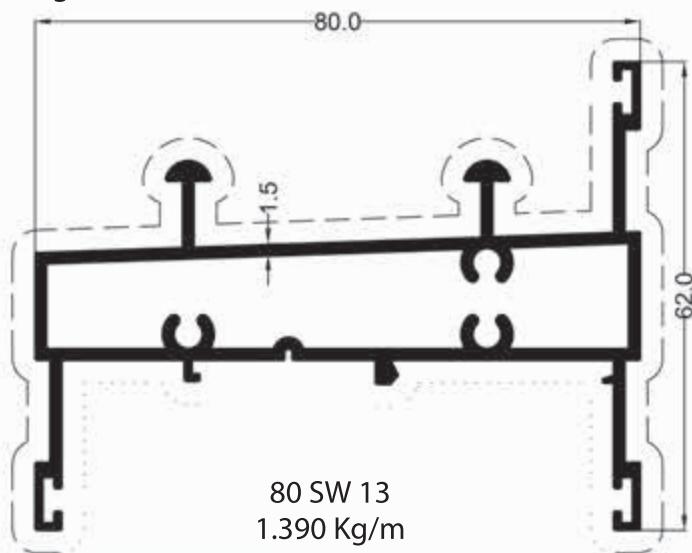
[-----] VISIBLE SURFACE

PROFILE DIAGRAM WITH MEASUREMENTS

GROUP
2

SLIDING WINDOW

- 80mm PROFILE -

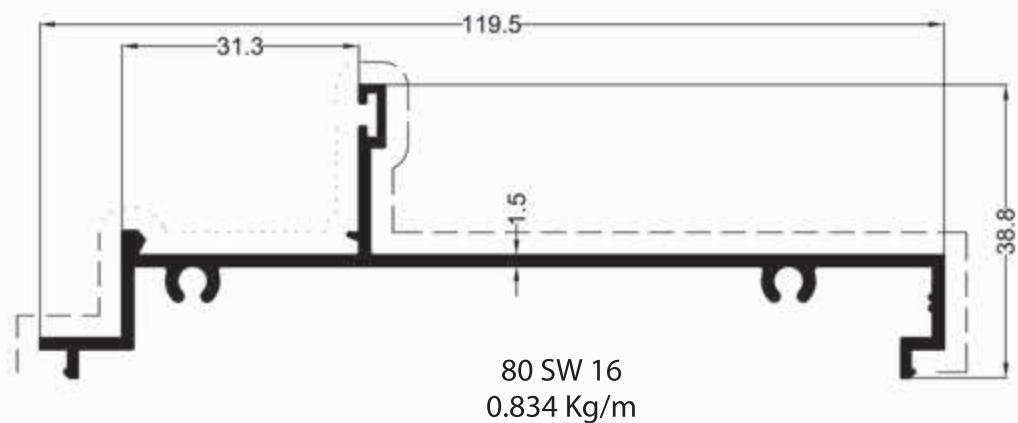
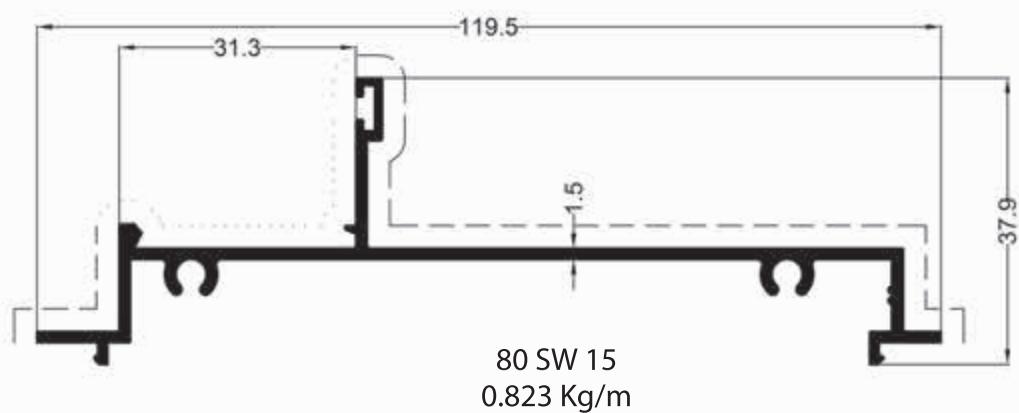
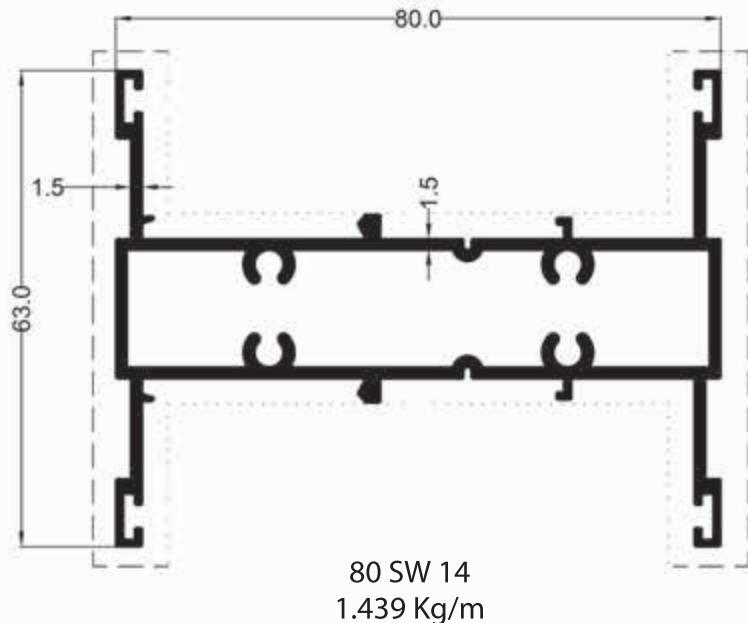
80 SW 07
0.391 Kg/m80 SW 08
0.225 Kg/m80 SW 10
0.416 Kg/m80 SW 09
1.181 Kg/m80 SW 11
1.237 Kg/m80 SW 12
0.908 Kg/m80 SW 13
1.390 Kg/m

--- VISIBLE SURFACE ---

PROFILE DIAGRAM WITH MEASUREMENTS

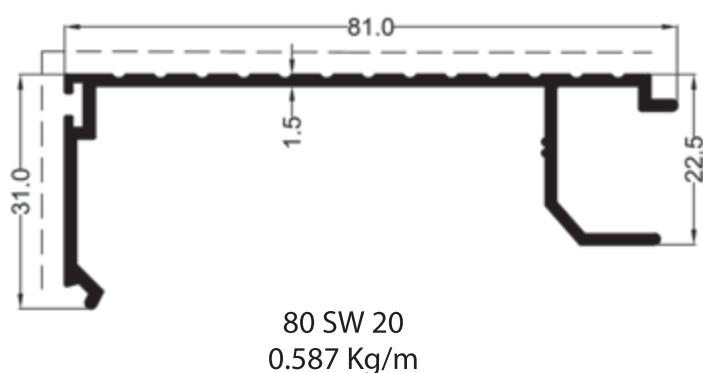
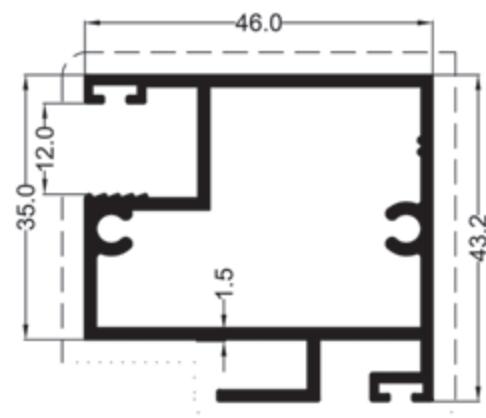
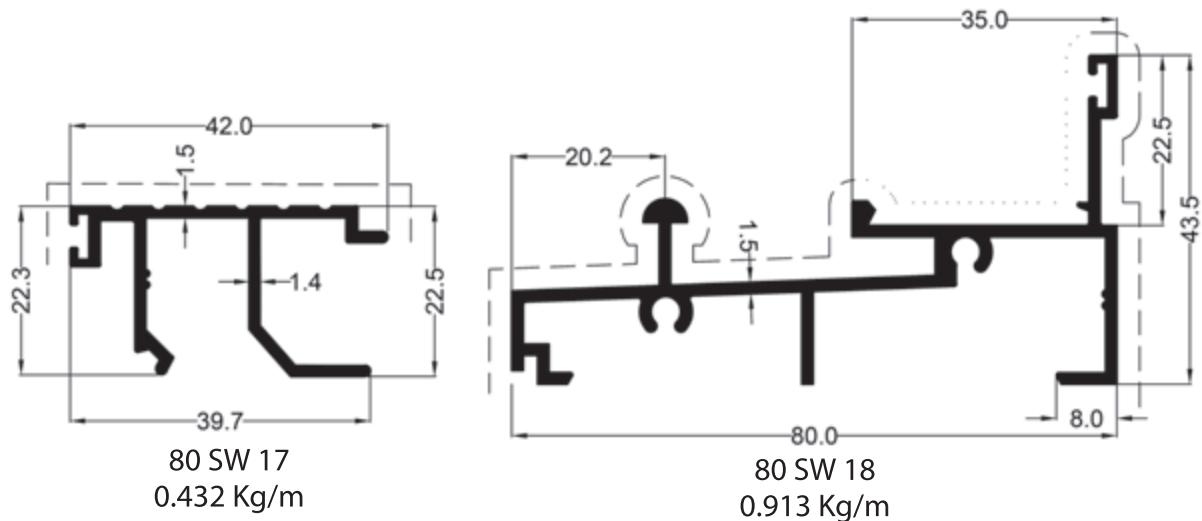
GROUP
2

SLIDING WINDOW - 80mm PROFILE -



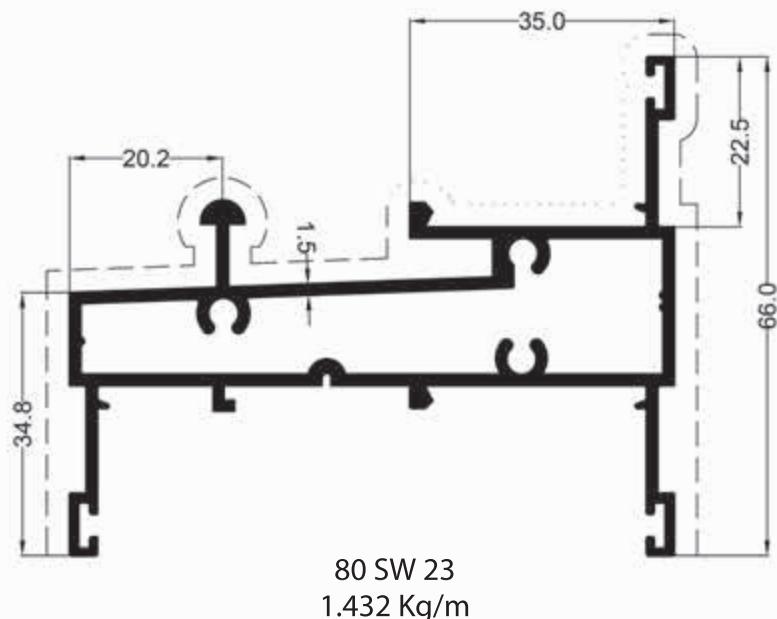
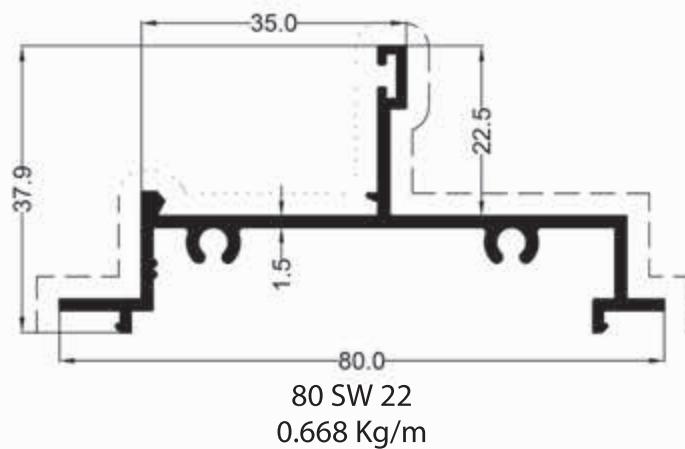
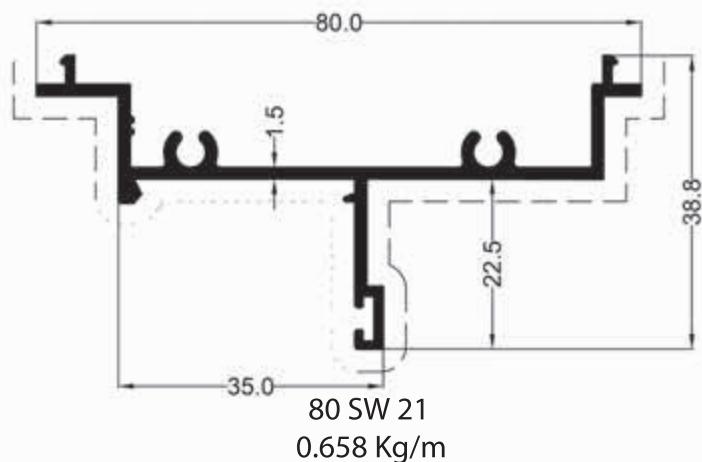
[----- VISIBLE SURFACE -----]

PROFILE DIAGRAM WITH MEASUREMENTS



[----- VISIBLE SURFACE -----]

PROFILE DIAGRAM WITH MEASUREMENTS



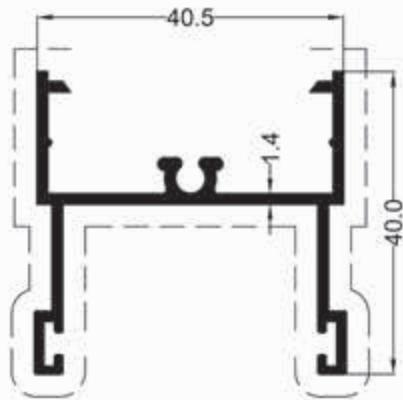
[----- VISIBLE SURFACE -----]

PROFILE DIAGRAM WITH MEASUREMENTS

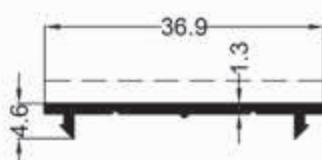
GROUP
2

SLIDING WINDOW

- 80mm PROFILE -



80 SW 24
0.540 Kg/m



80 SW 25
0.147 Kg/m

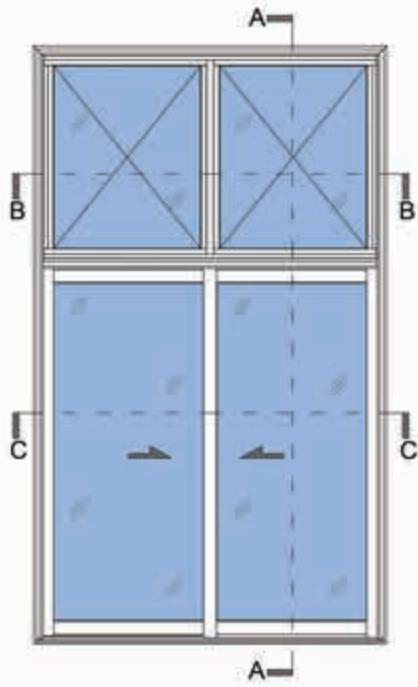
[----- VISIBLE SURFACE -----]

PROFILE DIAGRAM WITH MEASUREMENTS

GROUP
2

SLIDING WINDOW

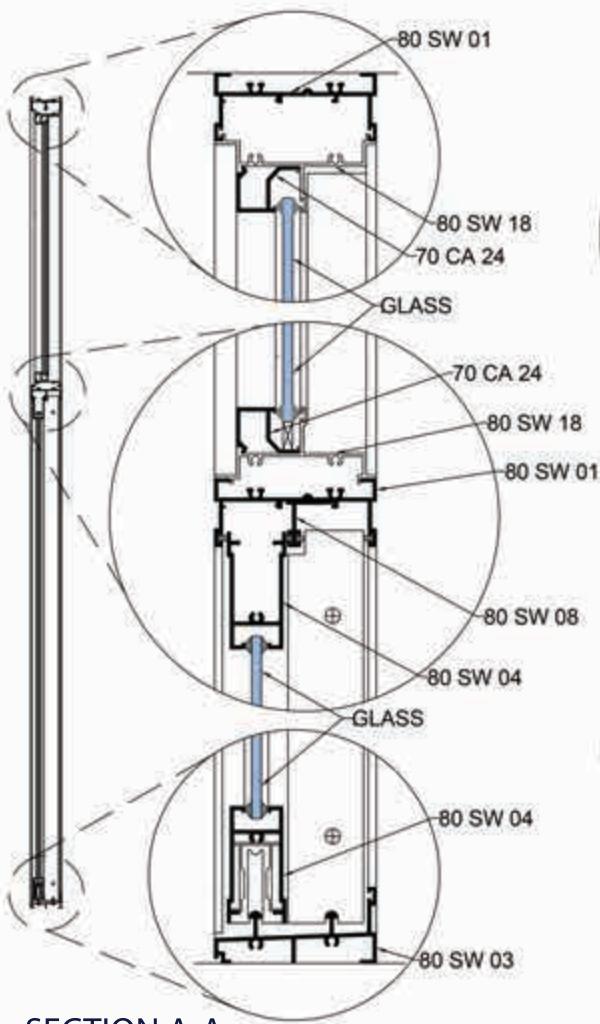
- 80mm PROFILE -



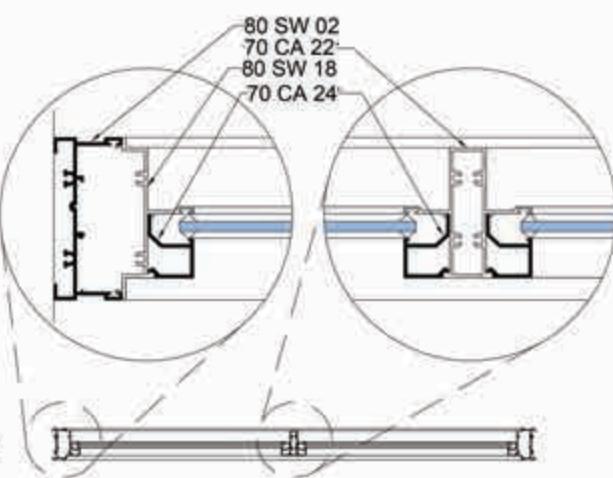
FRONT ELEVATION



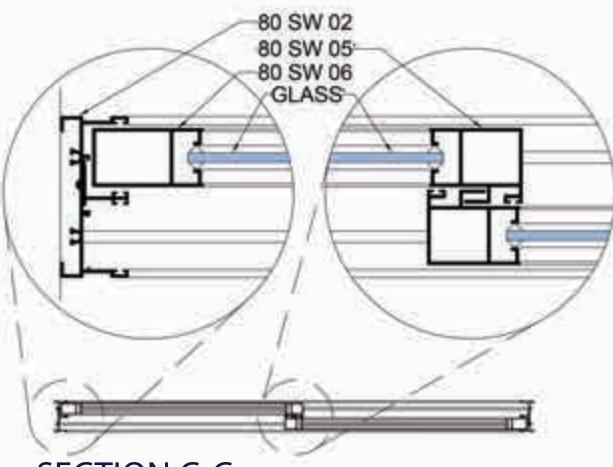
3D VIEW / PERSPECTIVE



SECTION A-A

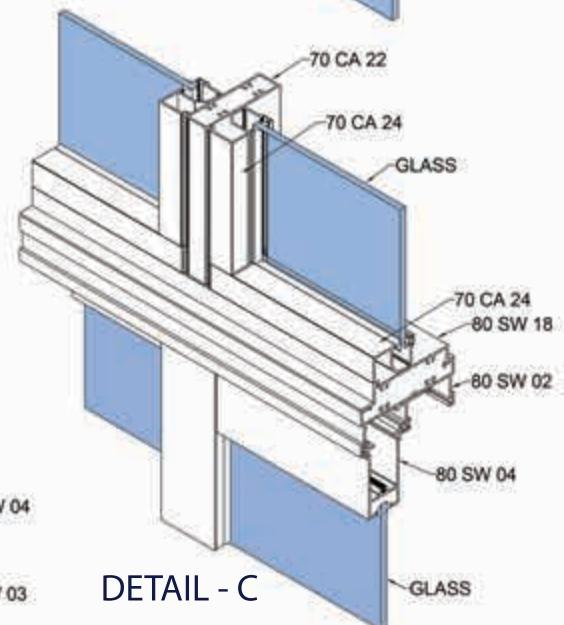
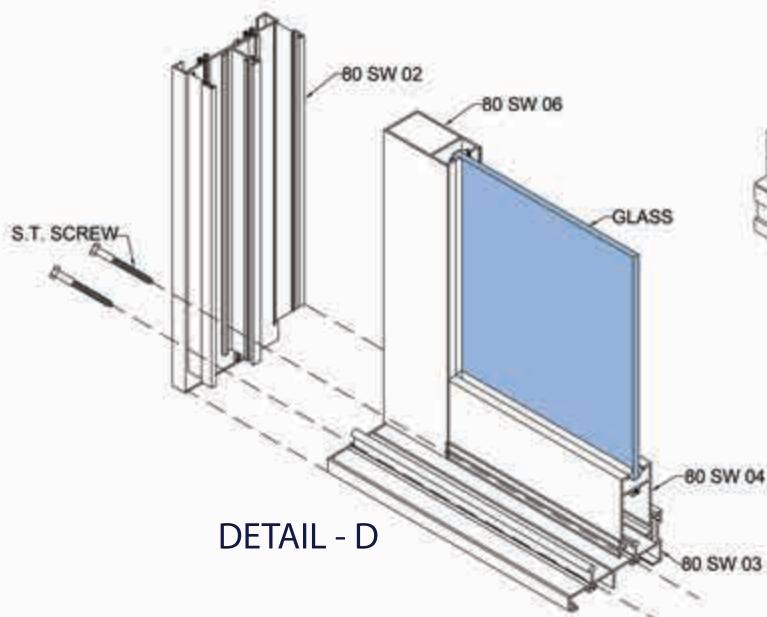
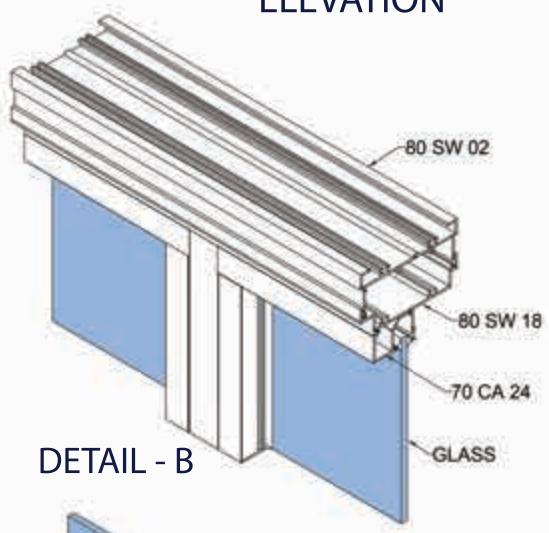
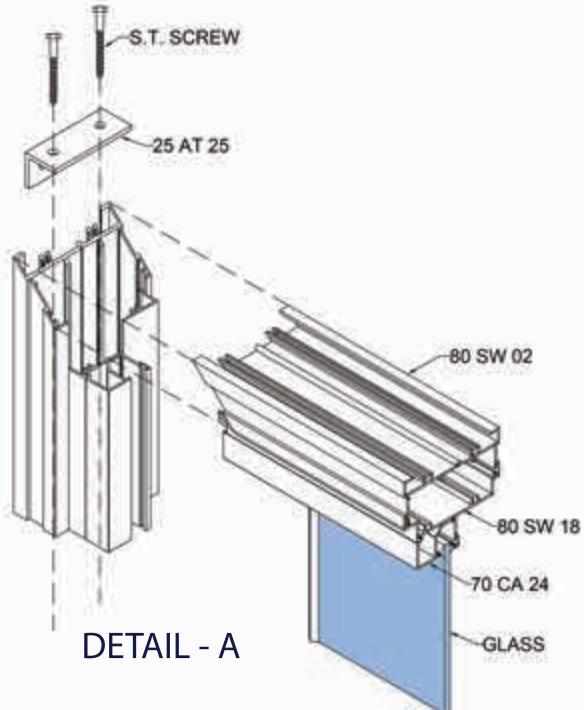
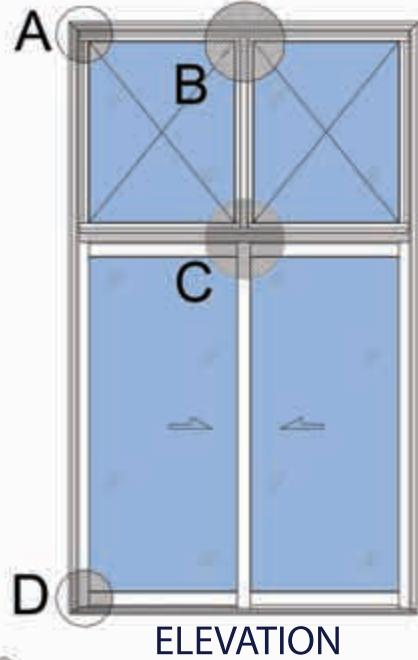


SECTION B-B

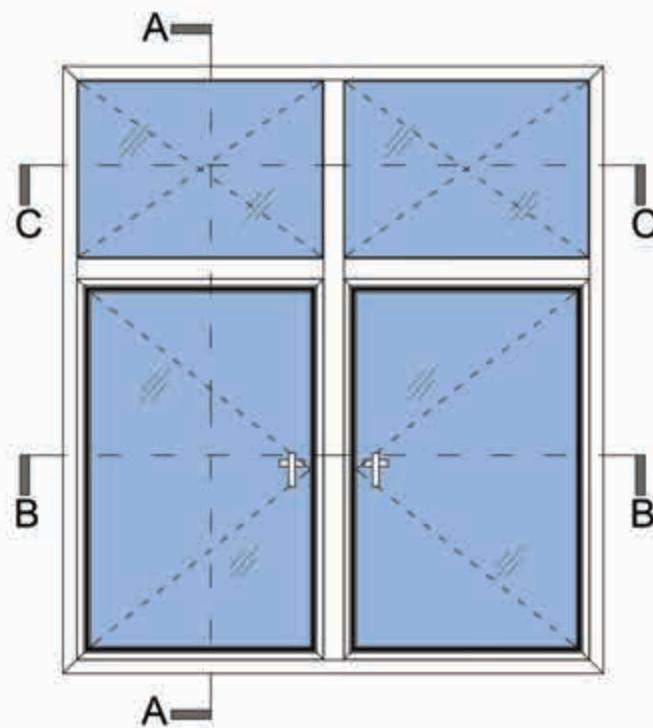


SECTION C-C

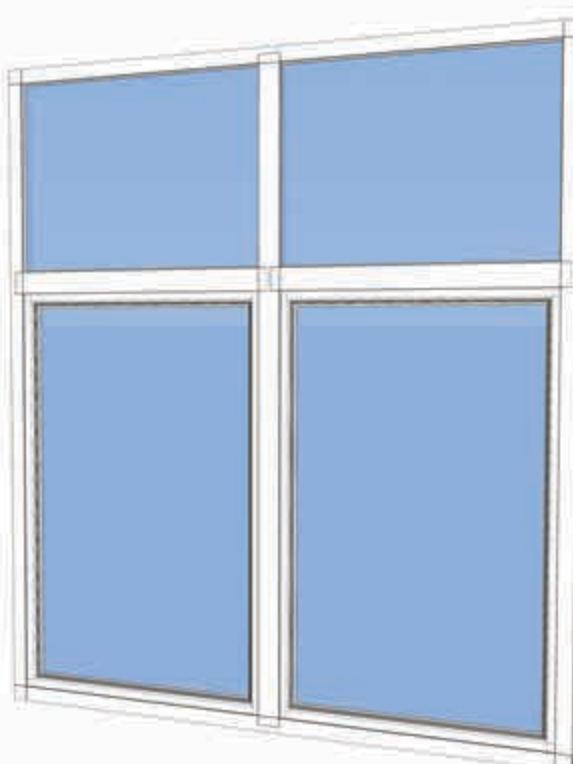
WITH TOP FIX ASSEMBLING DETAILS & SECTIONAL DETAILS



3D ASSEMBLING DETAILS

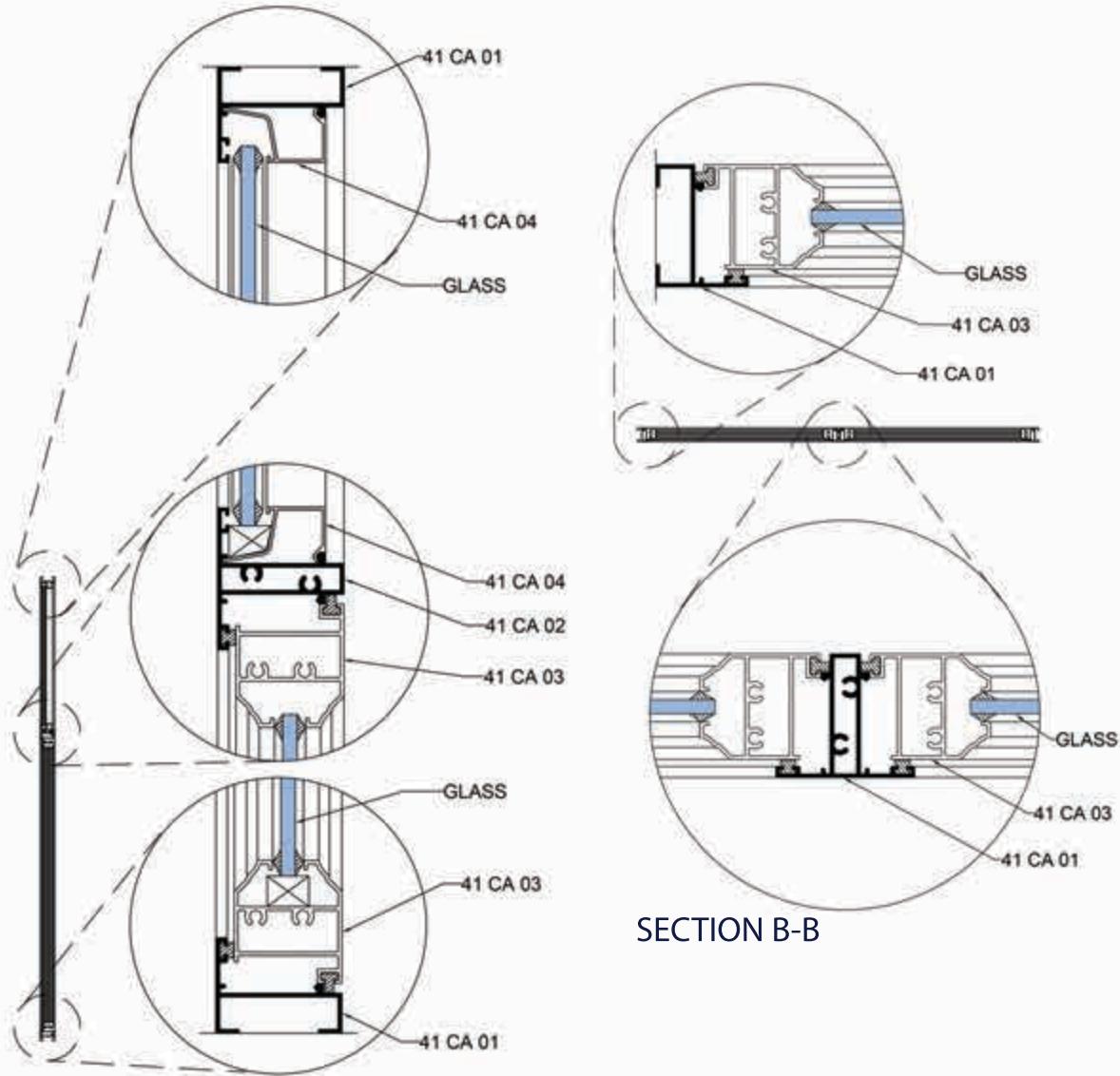


FRONT ELEVATION

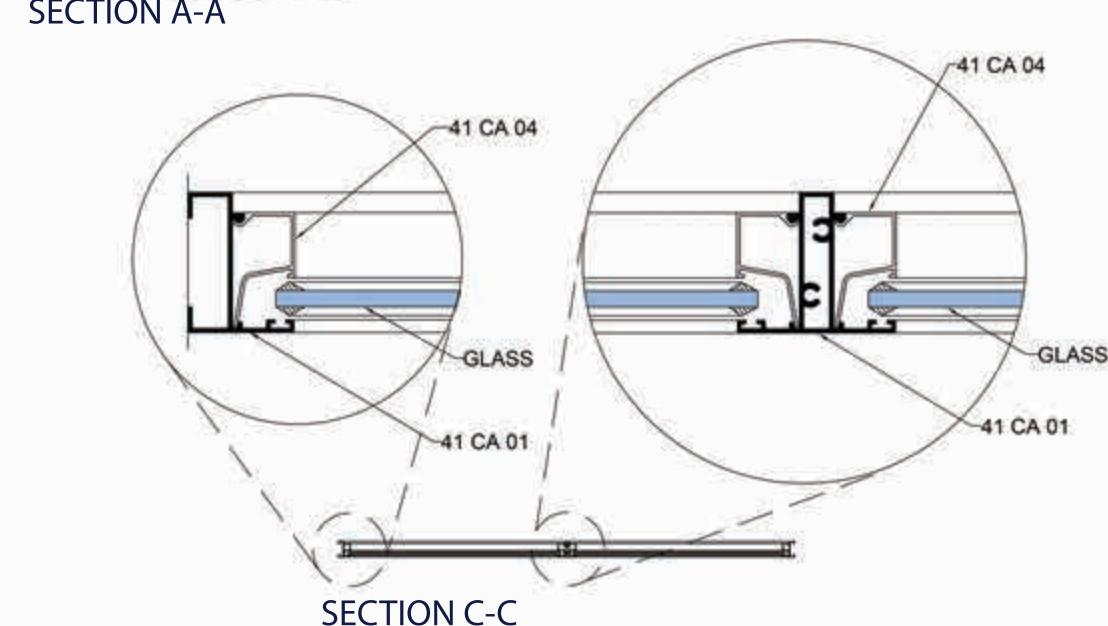


3D VIEW / PERSPECTIVE

ASSEMBLING DETAILS & SECTIONAL DETAILS



SECTION B-B

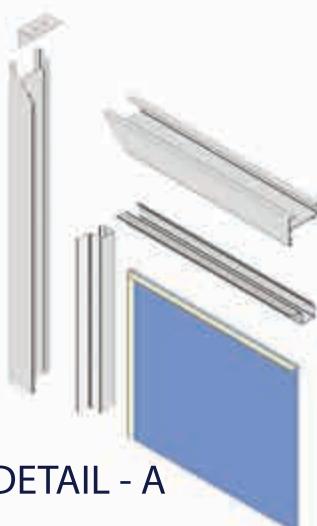
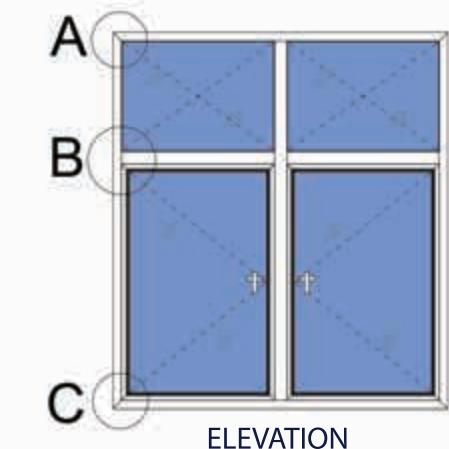


ASSEMBLING DETAILS & SECTIONAL DETAILS

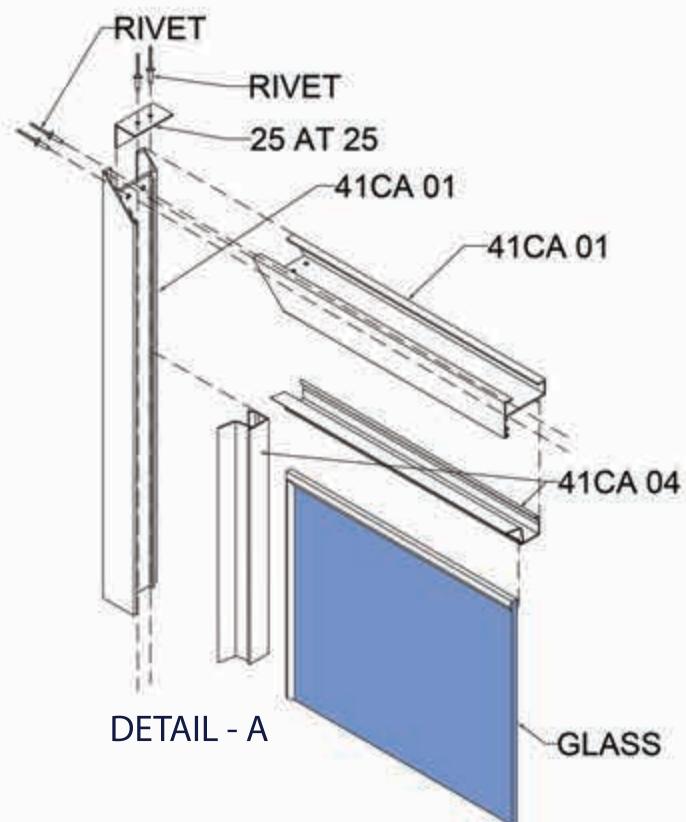
GROUP
3

CASEMENT WINDOW

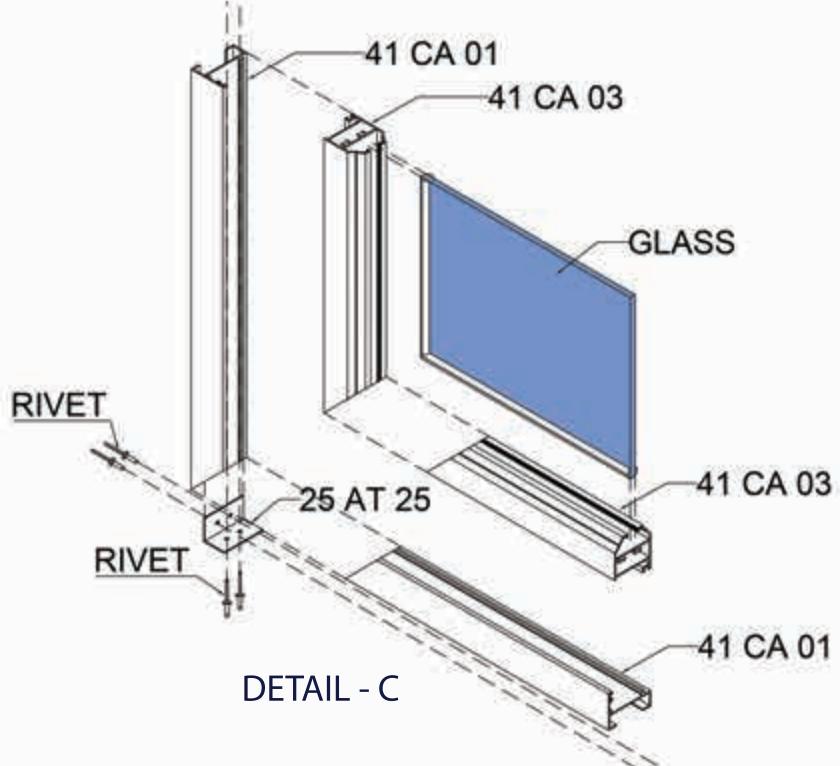
- 41mm PROFILE -



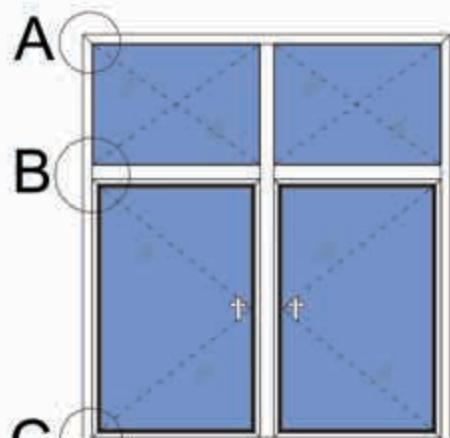
DETAIL - A



DETAIL - C



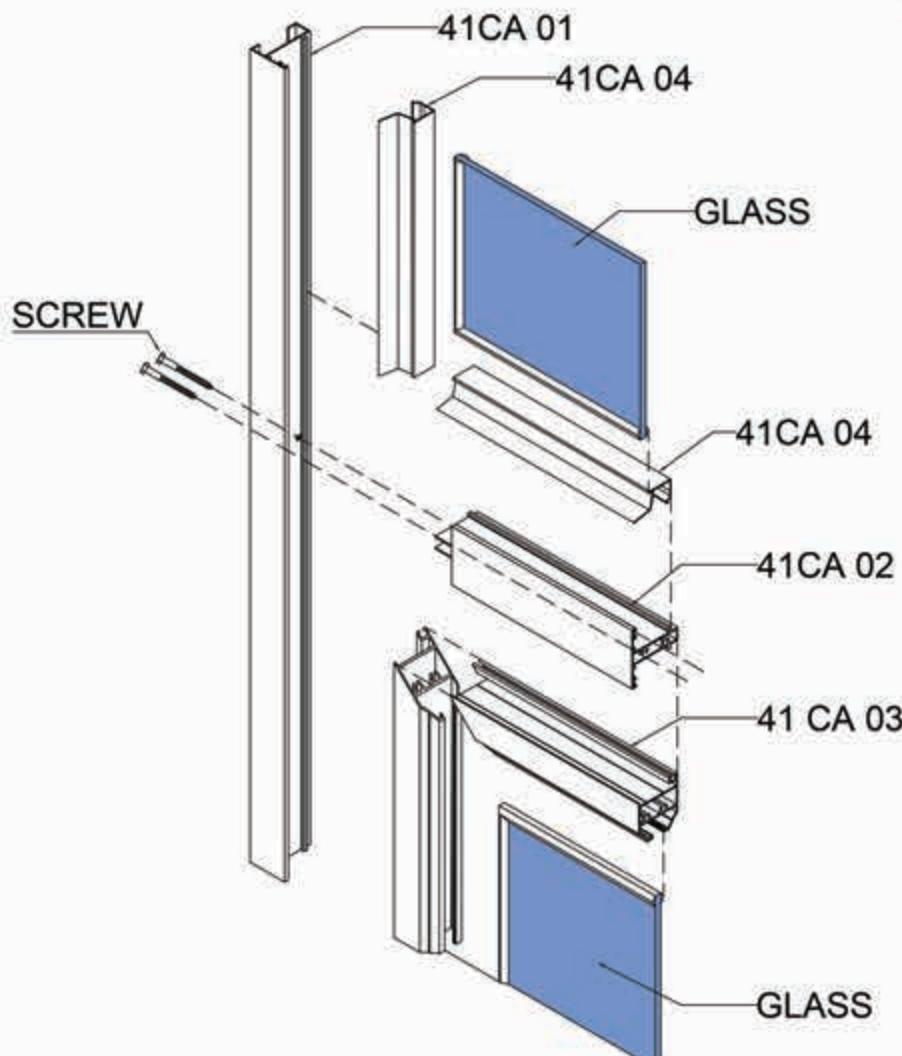
3D ASSEMBLING DETAILS



ELEVATION

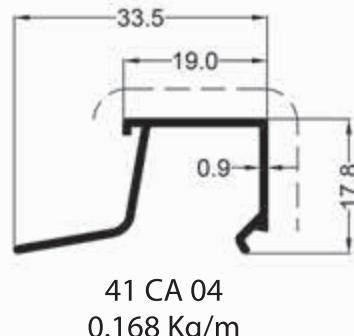
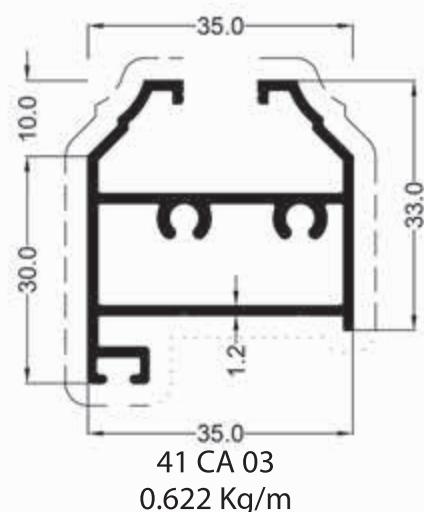
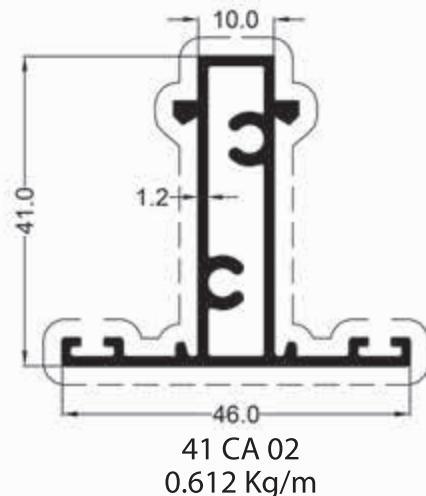
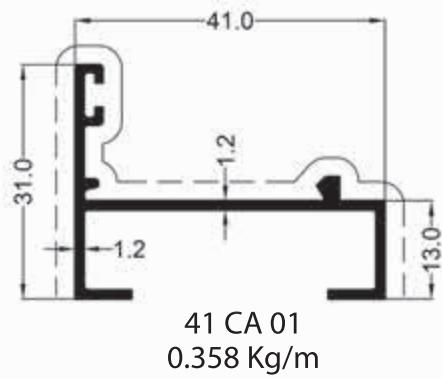


DETAIL - B



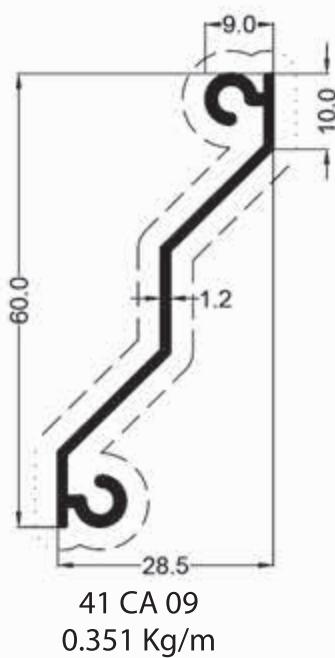
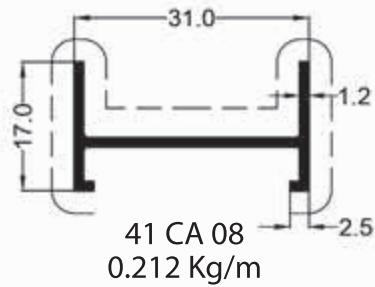
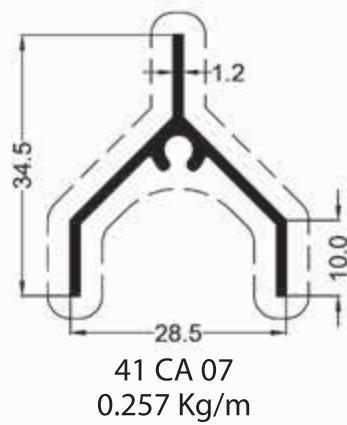
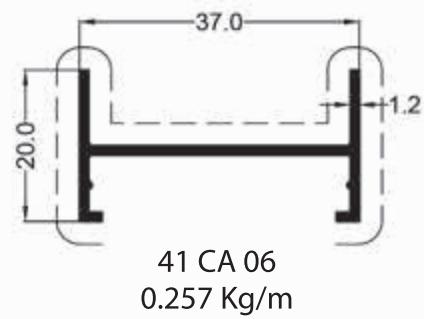
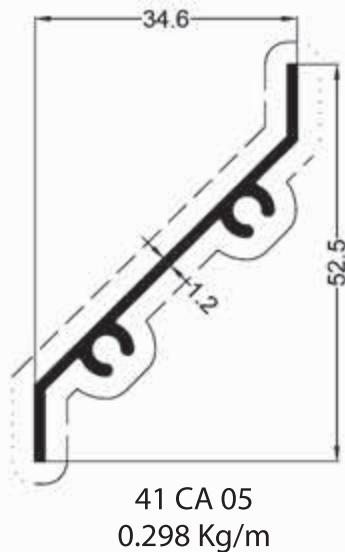
DETAIL - B

3D ASSEMBLING DETAILS



[---] VISIBLE SURFACE [---]

PROFILE DIAGRAM WITH MEASUREMENTS



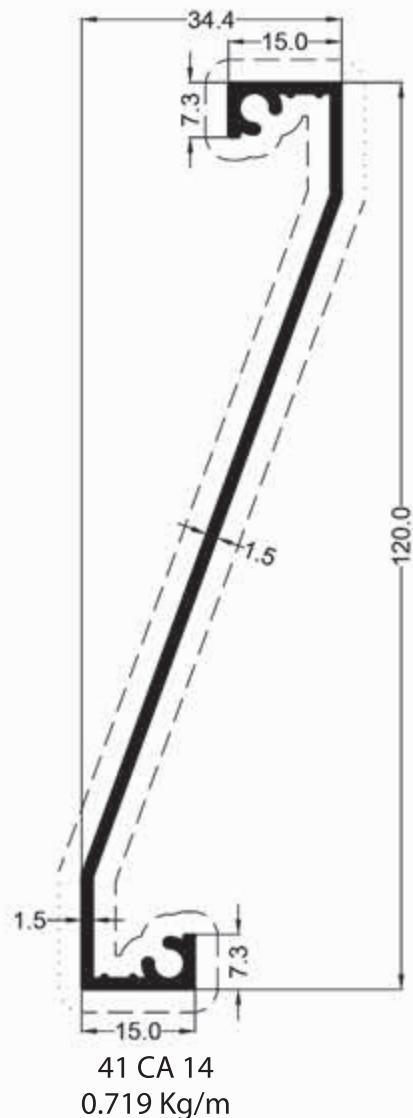
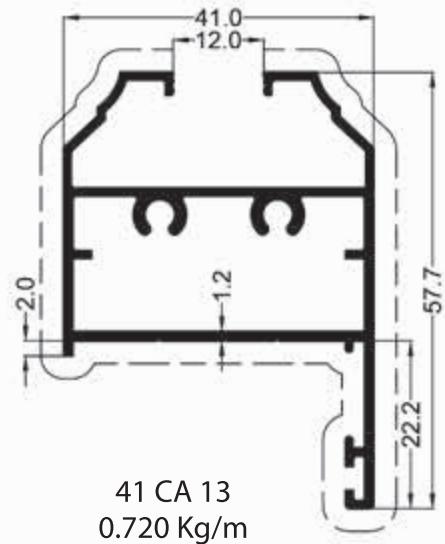
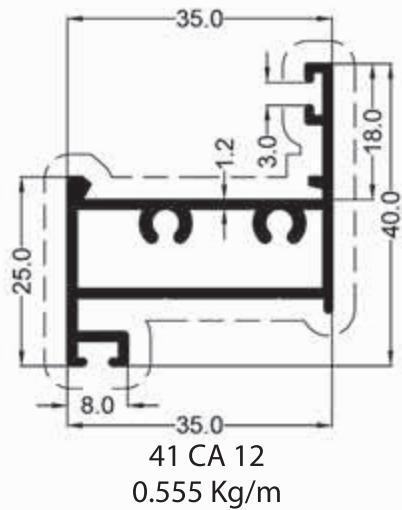
[-----] VISIBLE SURFACE [-----]

PROFILE DIAGRAM WITH MEASUREMENTS

GROUP
3

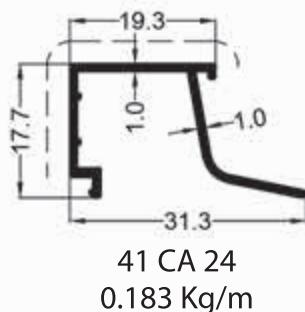
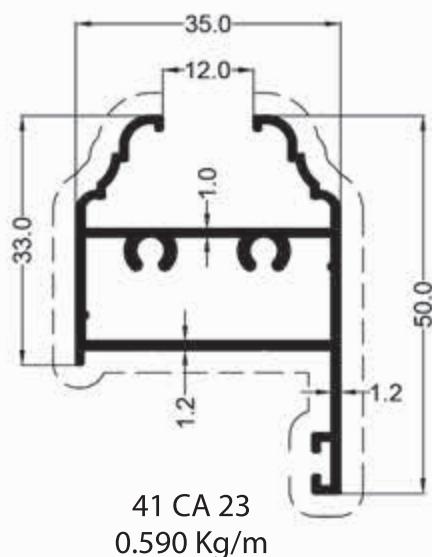
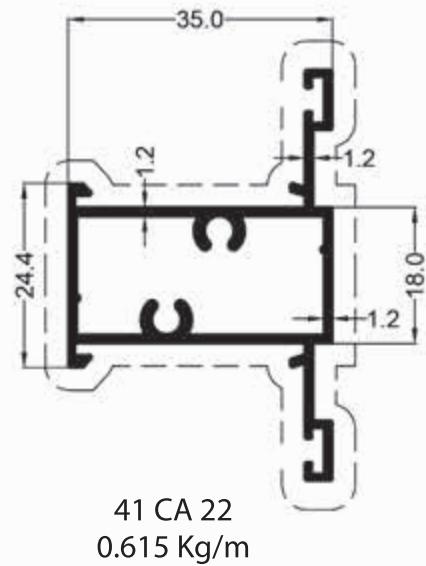
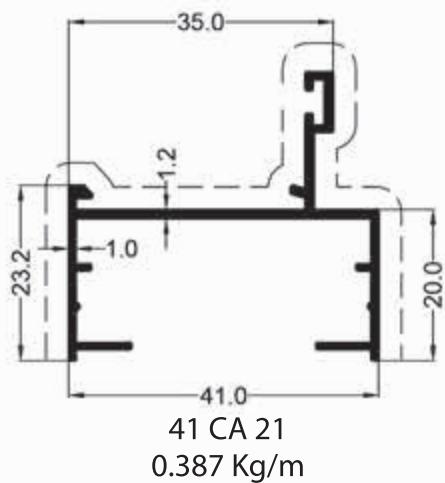
CASEMENT WINDOW

- 41mm PROFILE -



— — — VISIBLE SURFACE

PROFILE DIAGRAM WITH MEASUREMENTS



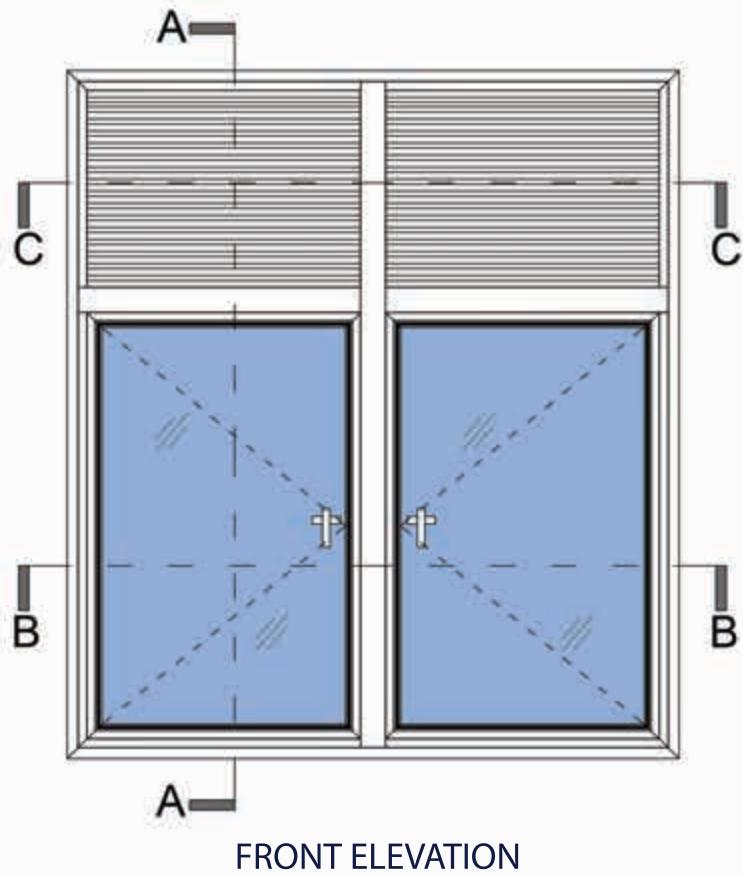
— — — VISIBLE SURFACE

PROFILE DIAGRAM WITH MEASUREMENTS

GROUP
4

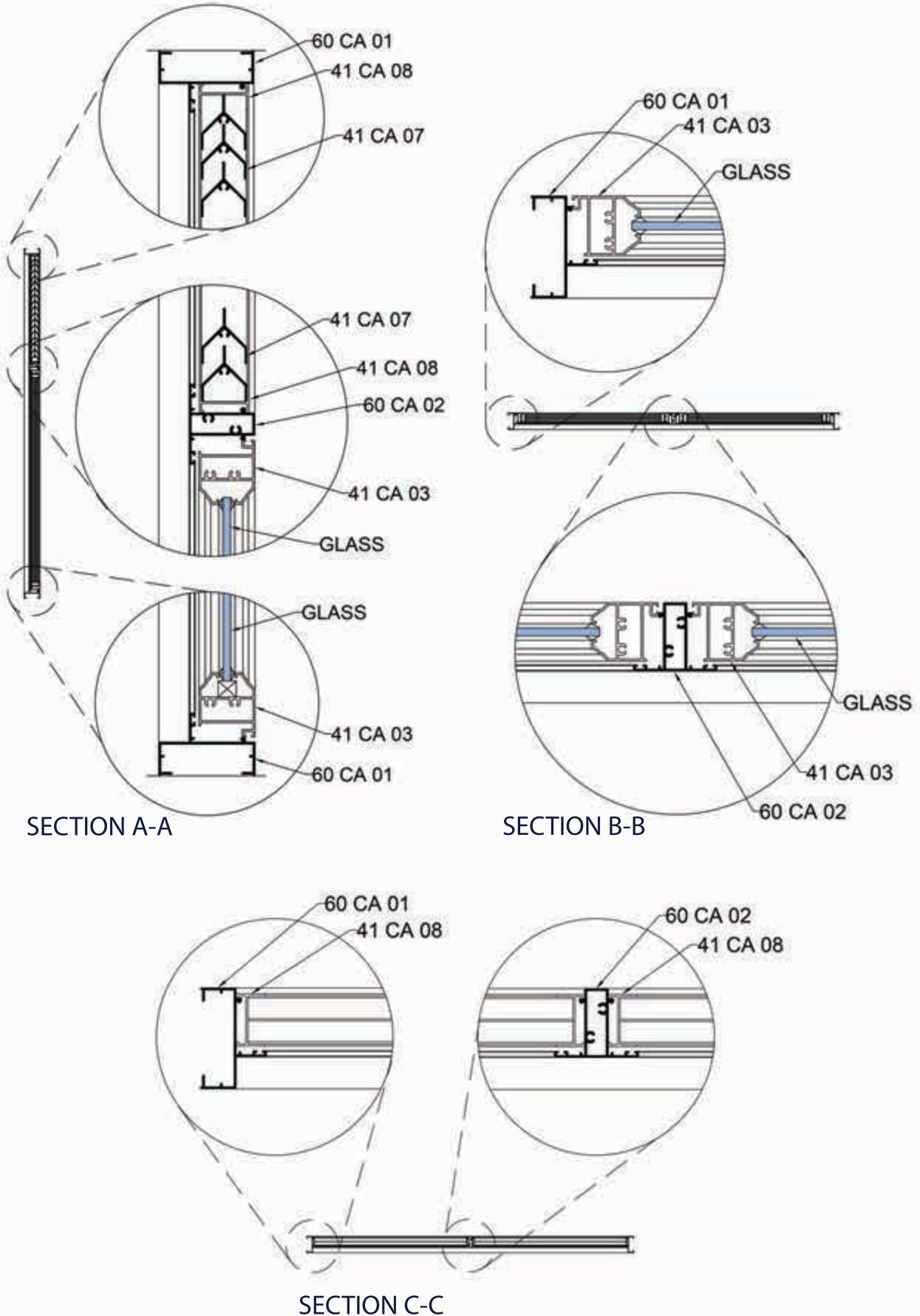
CASEMENT WINDOW

- 60mm PROFILE -

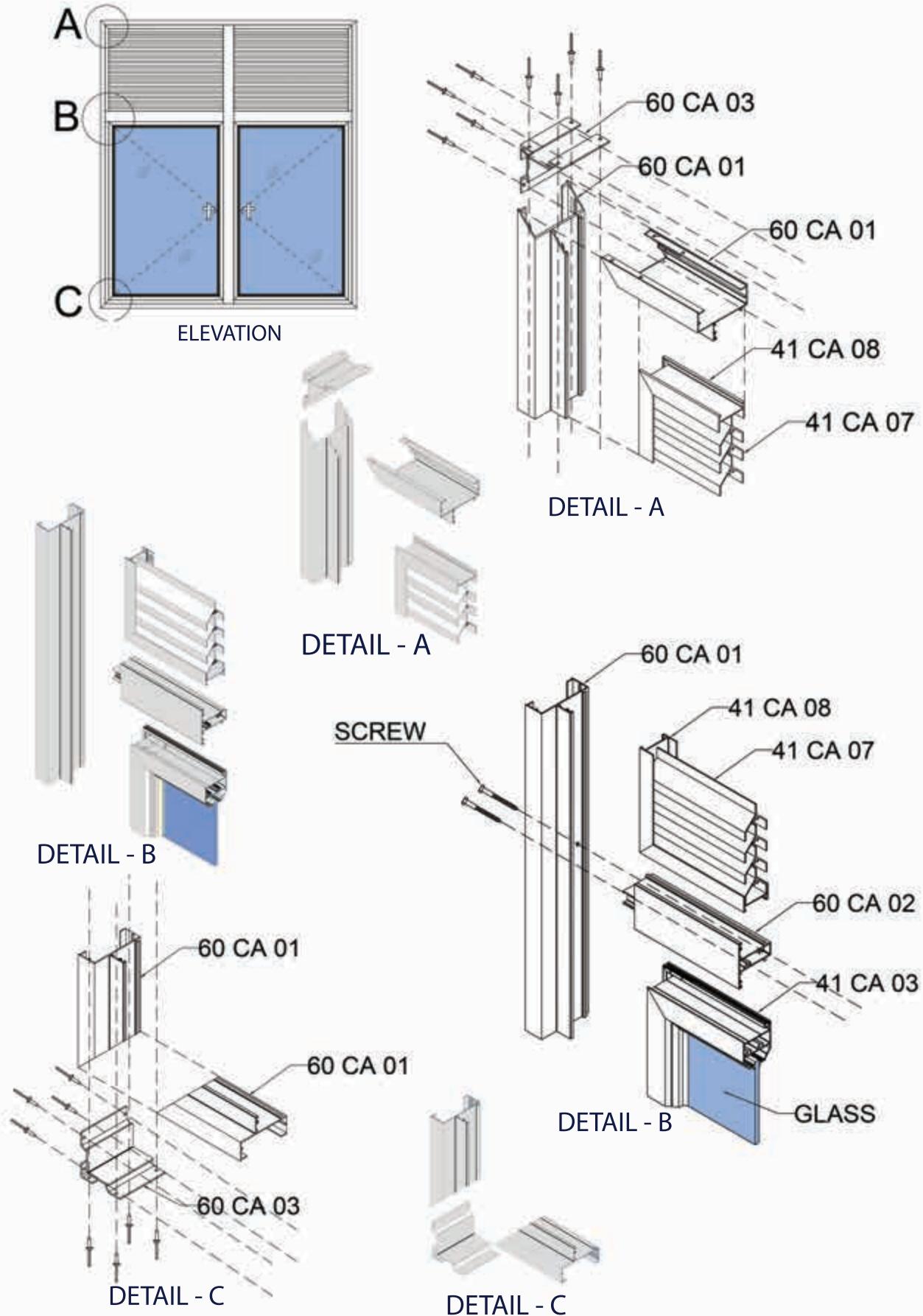


3D VIEW / PERSPECTIVE

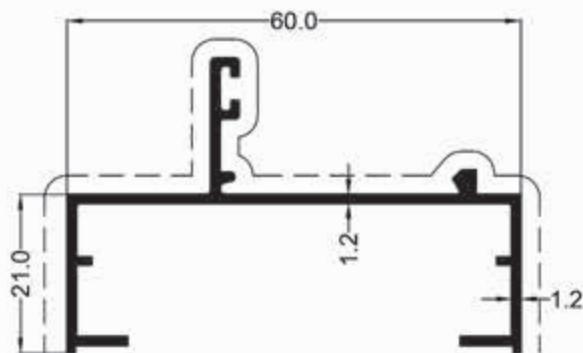
ASSEMBLING DETAILS & SECTIONAL DETAILS



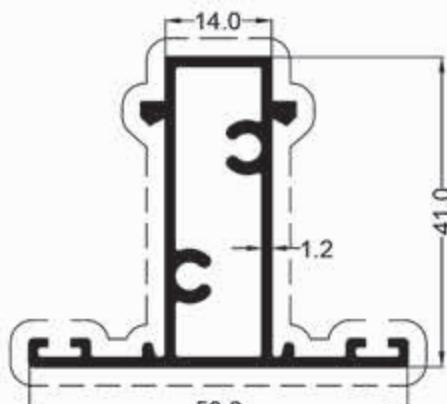
ASSEMBLING DETAILS & SECTIONAL DETAILS

GROUP
4CASEMENT WINDOW
- 60mm PROFILE -

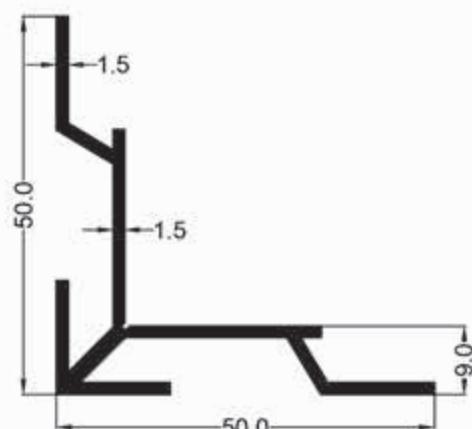
3D ASSEMBLING DETAILS



60 CA 01
0.484 Kg/m



60 CA 02
0.639 Kg/m



60 CA 03
0.558 Kg/m

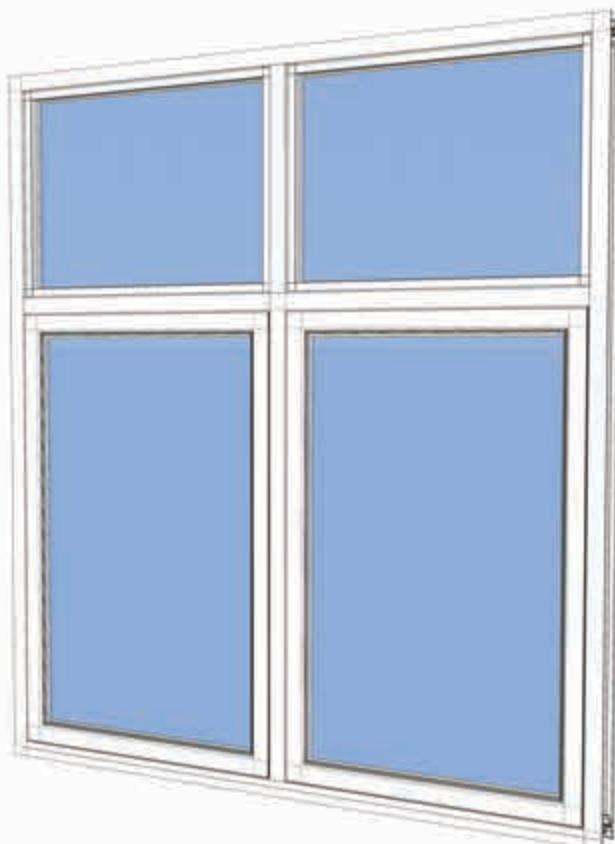
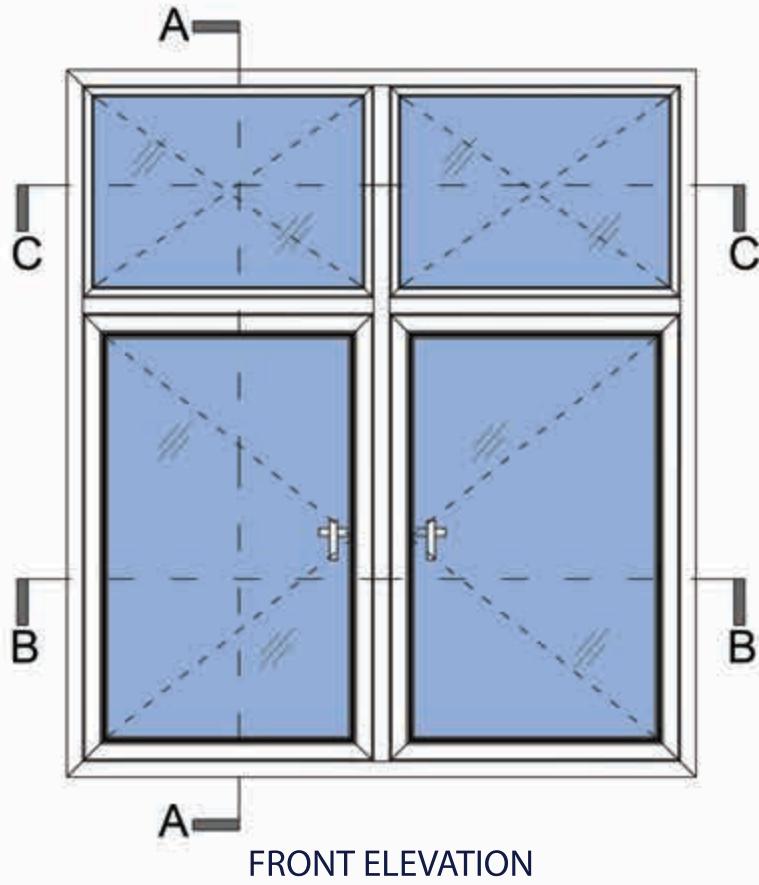
 VISIBLE SURFACE

PROFILE DIAGRAM WITH MEASUREMENTS

GROUP
5

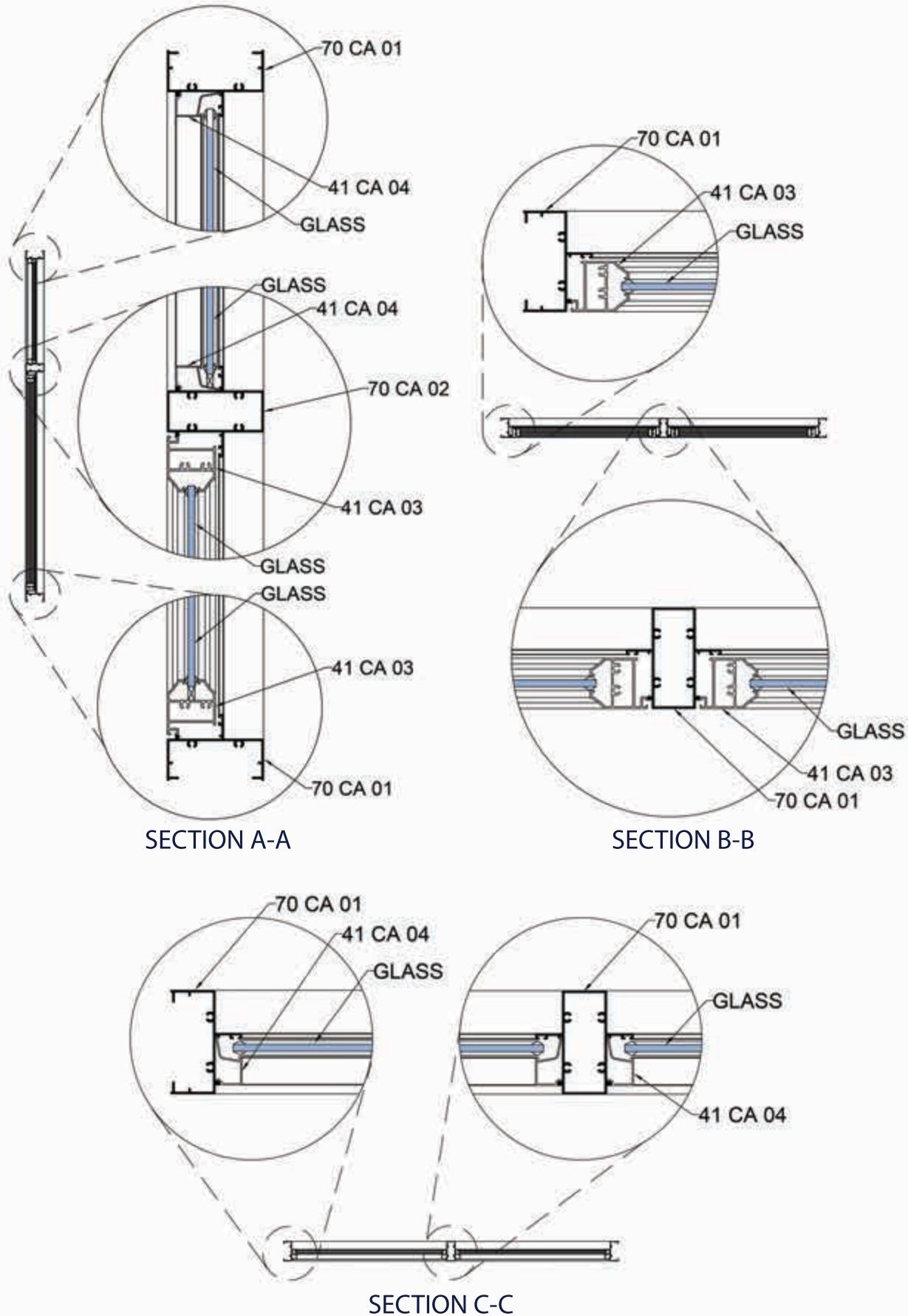
CASEMENT WINDOW

- 70mm PROFILE -



3D VIEW / PERSPECTIVE

ASSEMBLING DETAILS & SECTIONAL DETAILS

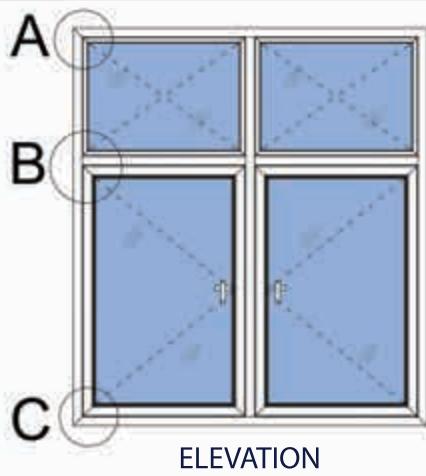


ASSEMBLING DETAILS & SECTIONAL DETAILS

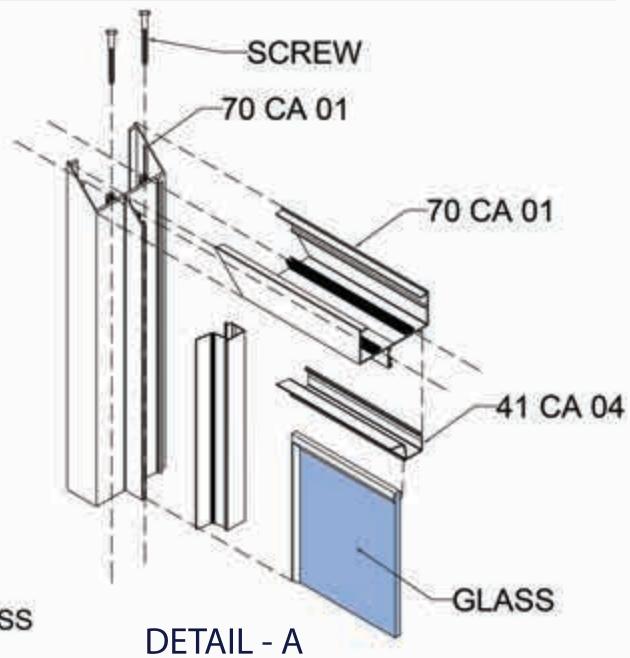
GROUP
5

CASEMENT WINDOW

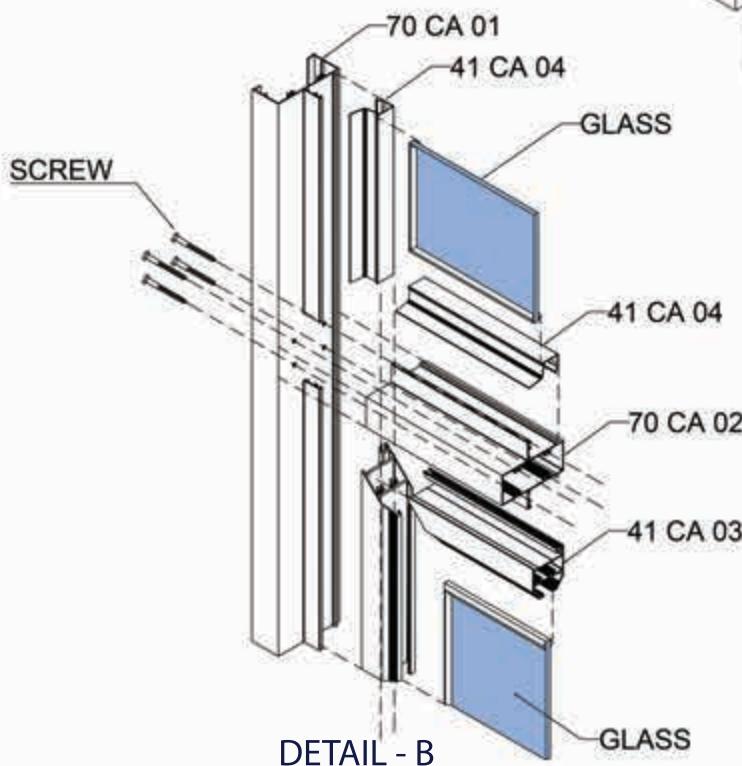
- 70mm PROFILE -



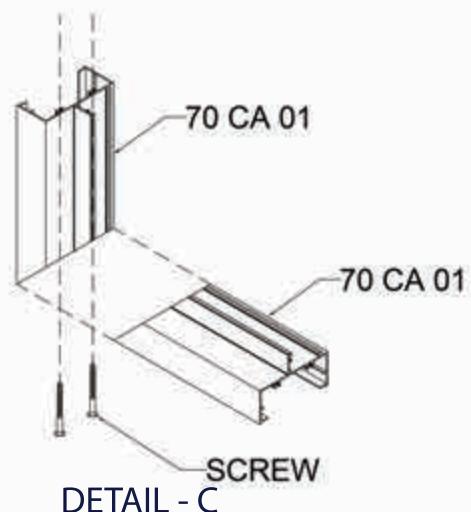
ELEVATION



DETAIL - A



DETAIL - B



DETAIL - C



DETAIL - A



DETAIL - B



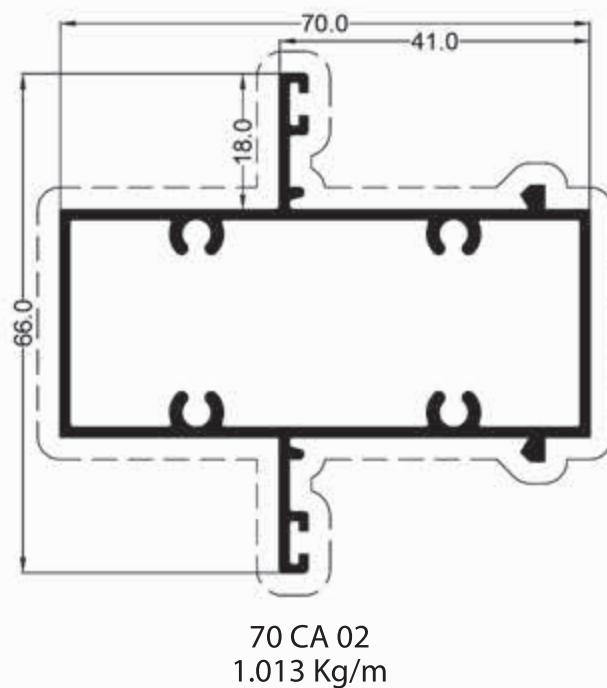
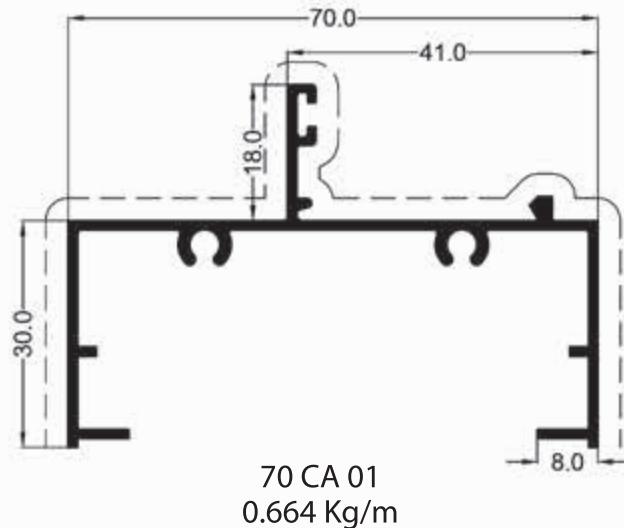
DETAIL - C

3D ASSEMBLING DETAILS

GROUP
5

CASEMENT WINDOW

- 70mm PROFILE -



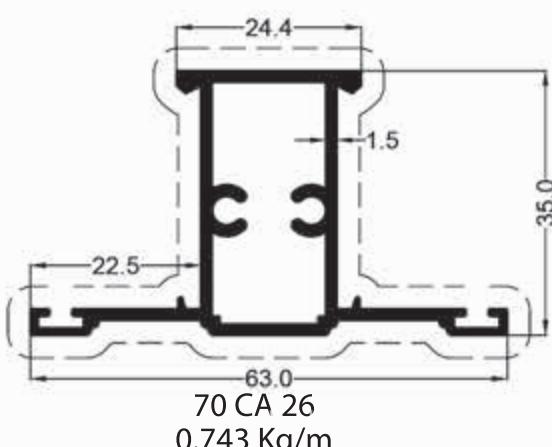
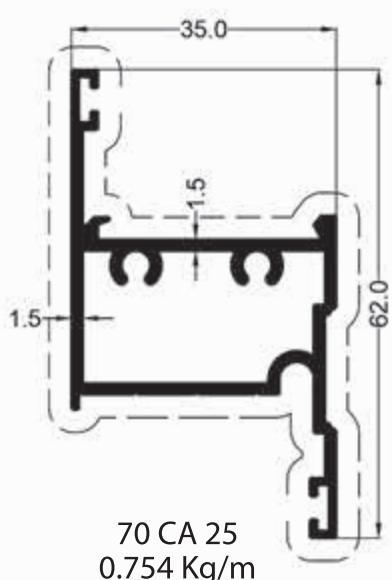
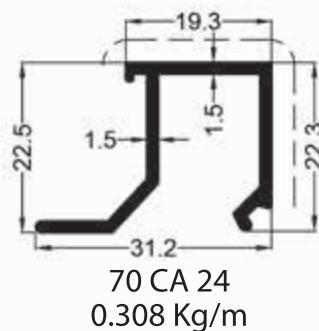
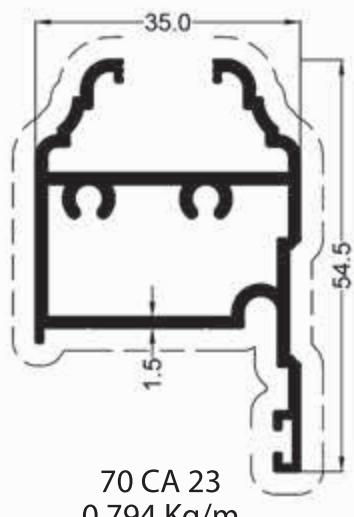
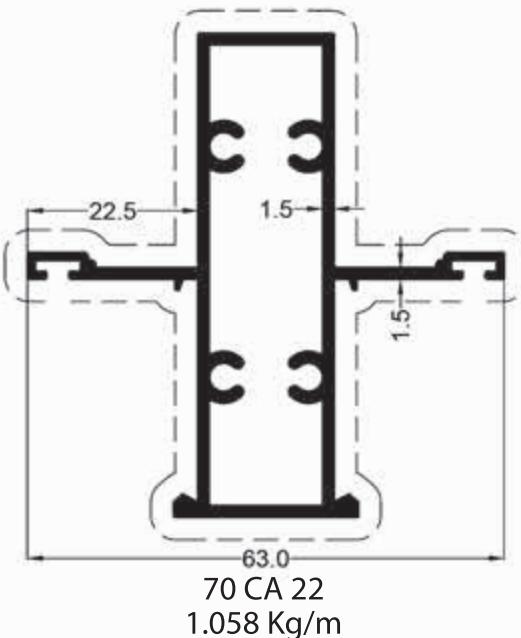
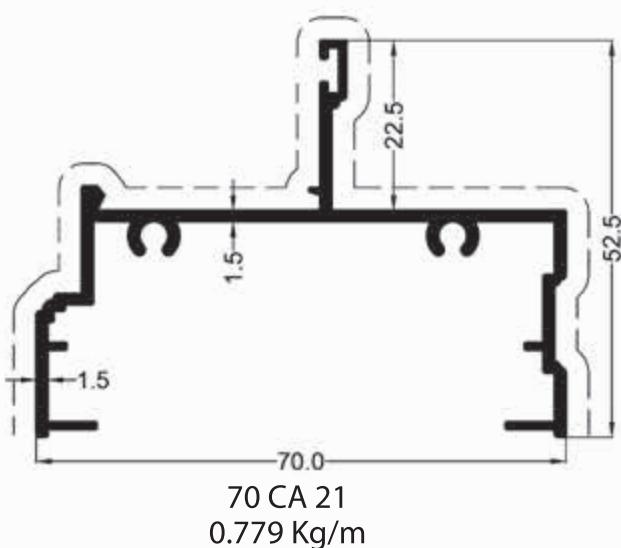
[---] VISIBLE SURFACE

PROFILE DIAGRAM WITH MEASUREMENTS

GROUP
5

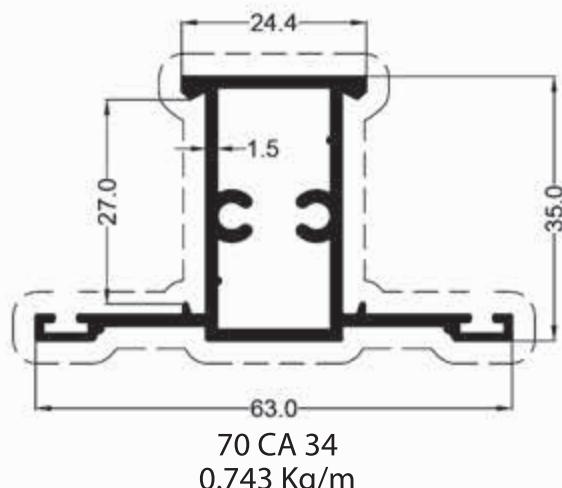
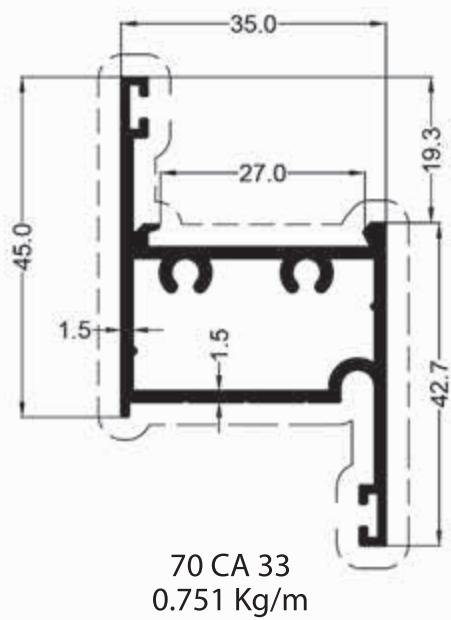
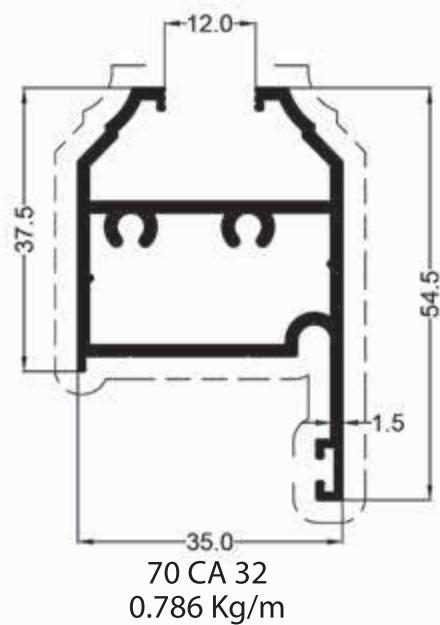
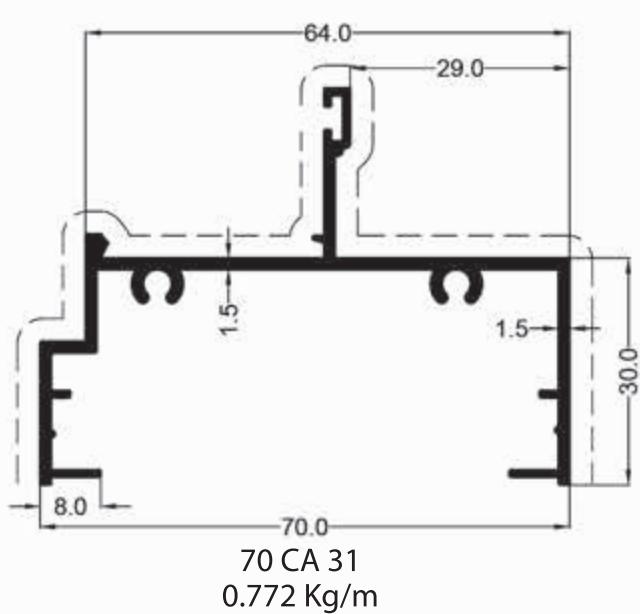
CASEMENT WINDOW

- 70mm PROFILE -



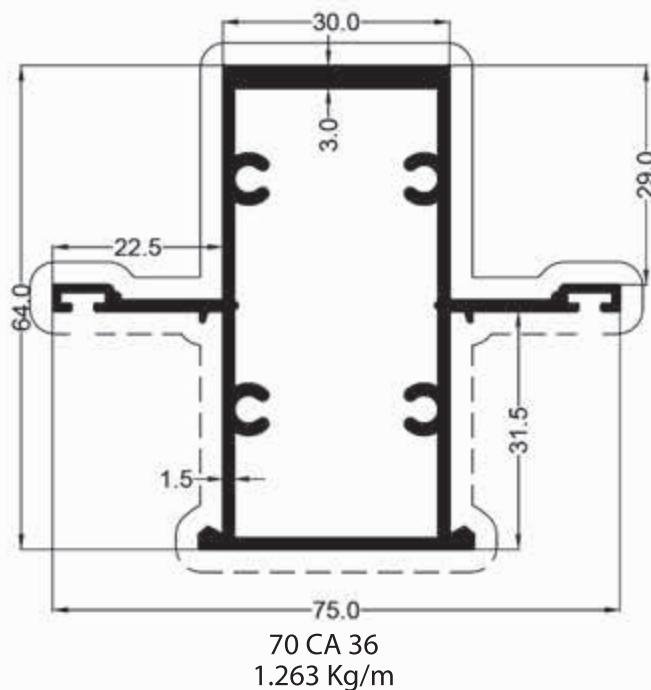
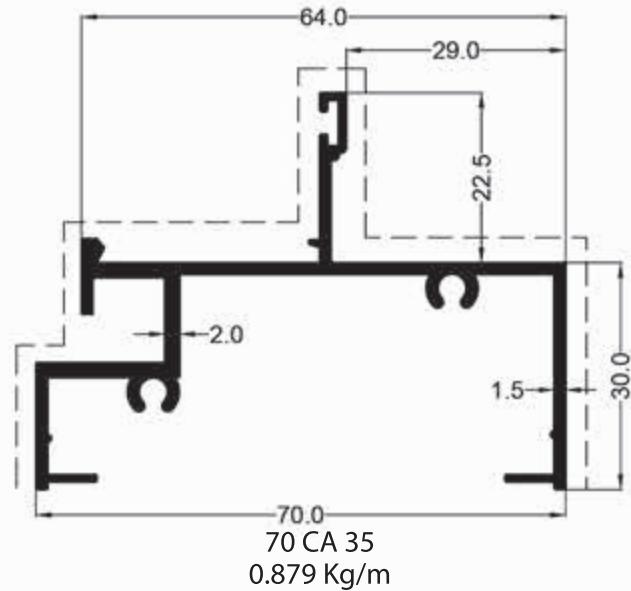
[-----] VISIBLE SURFACE [-----]

PROFILE DIAGRAM WITH MEASUREMENTS



[---] VISIBLE SURFACE [---]

PROFILE DIAGRAM WITH MEASUREMENTS



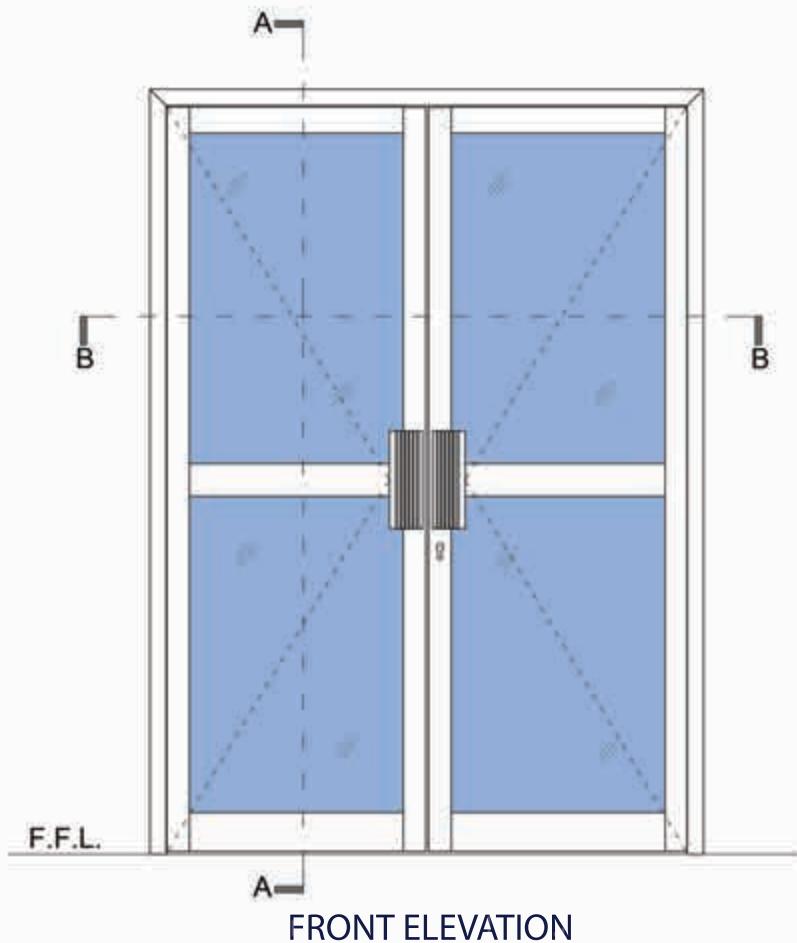
— VISIBLE SURFACE —

PROFILE DIAGRAM WITH MEASUREMENTS

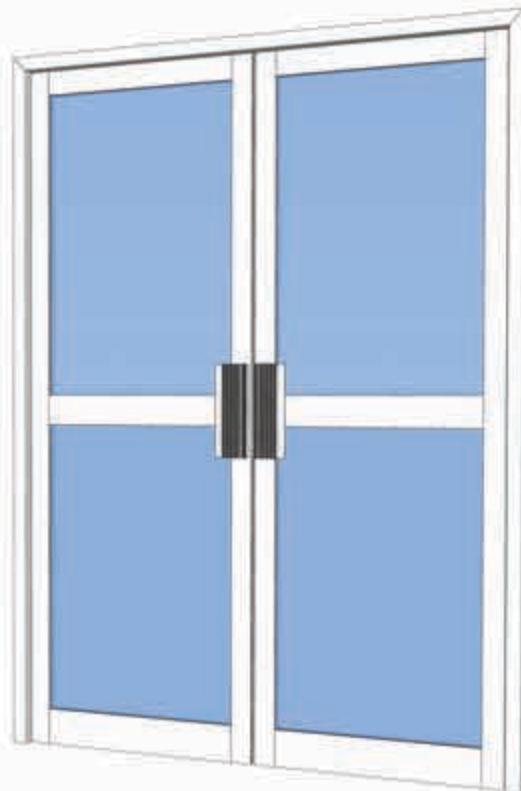
GROUP
6

FLOOR HINGE DOOR

- 100mm PROFILE -

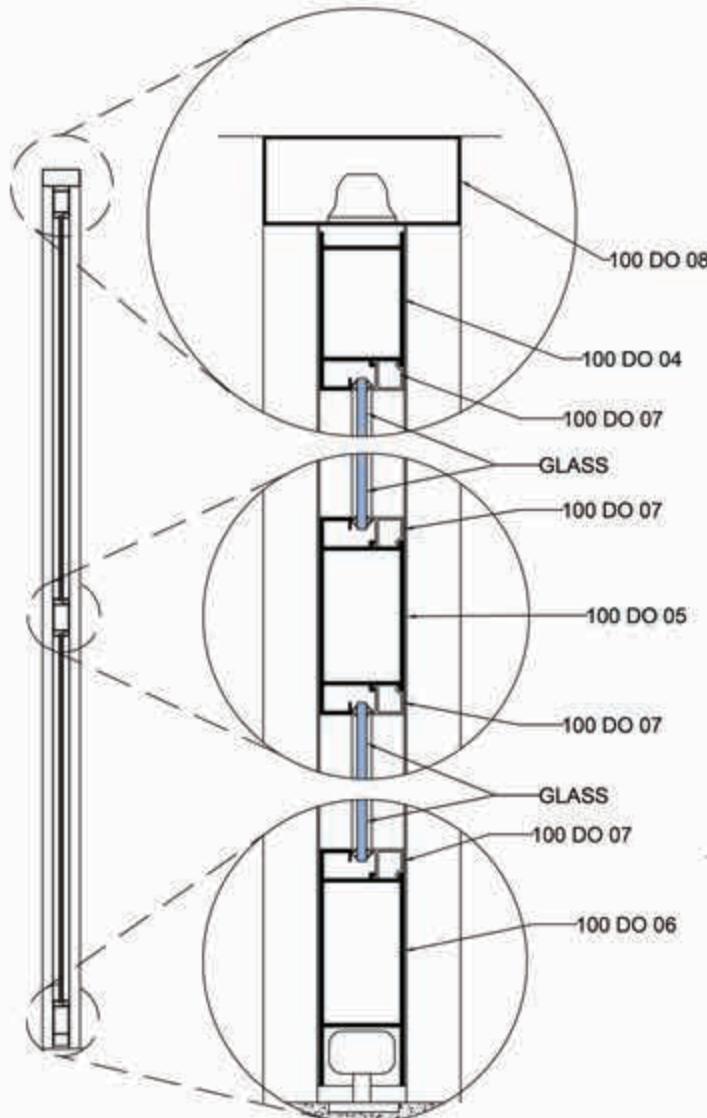


FRONT ELEVATION

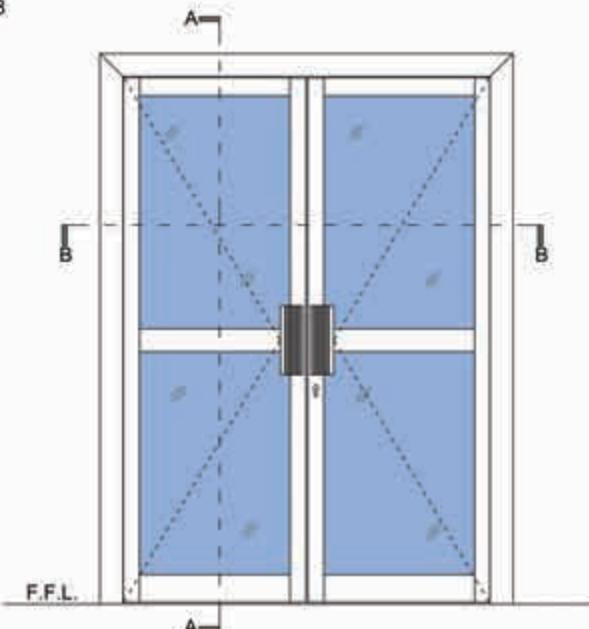


3D VIEW / PERSPECTIVE

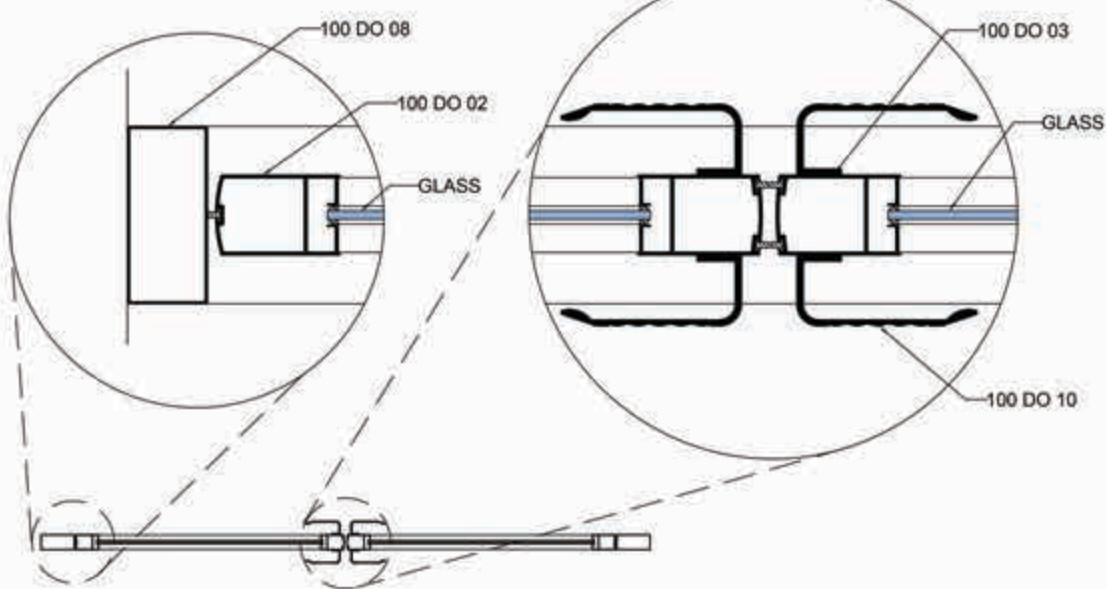
ASSEMBLING DETAILS & SECTIONAL DETAILS



SECTION A-A

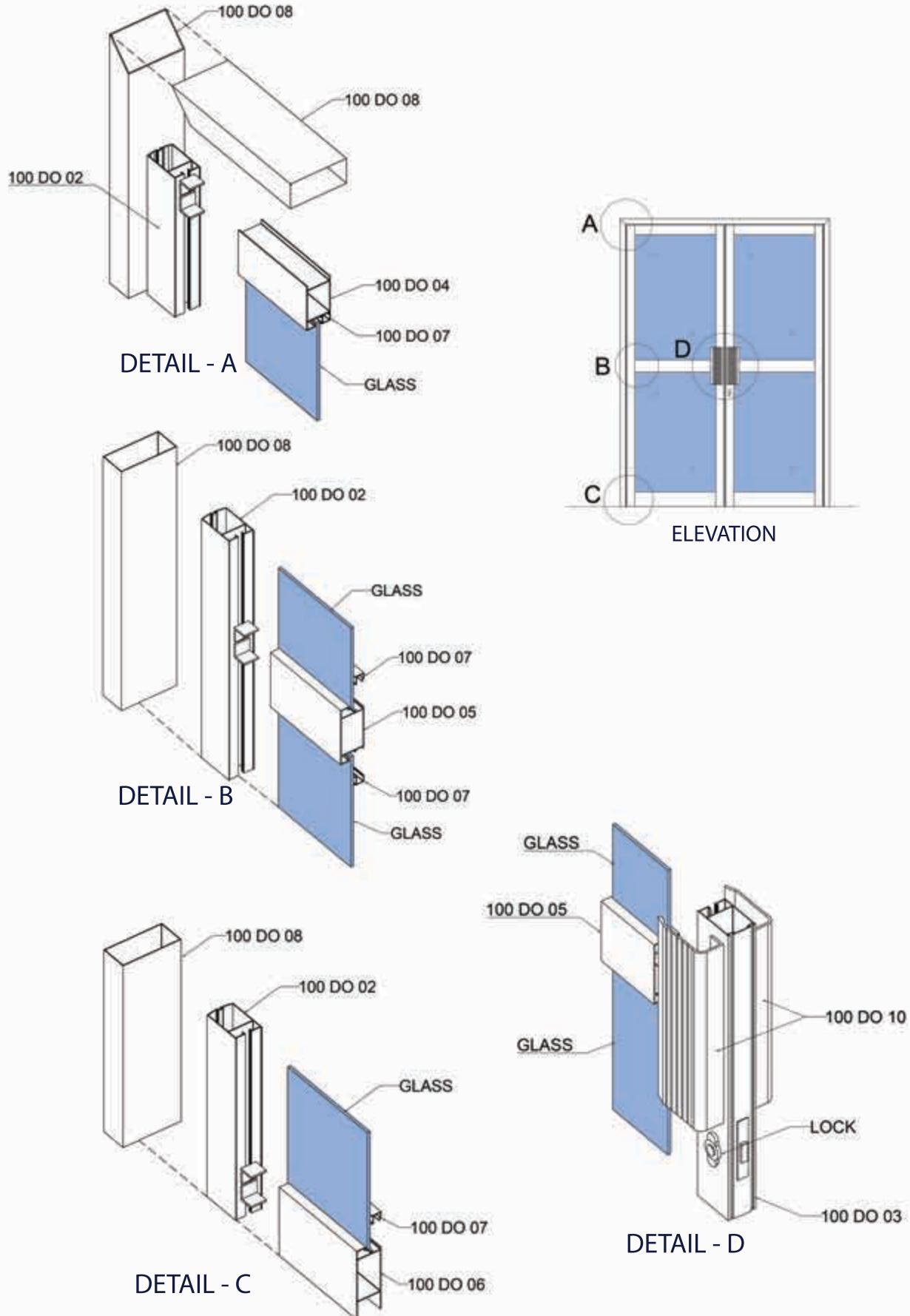


FRONT ELEVATION



SECTION B-B

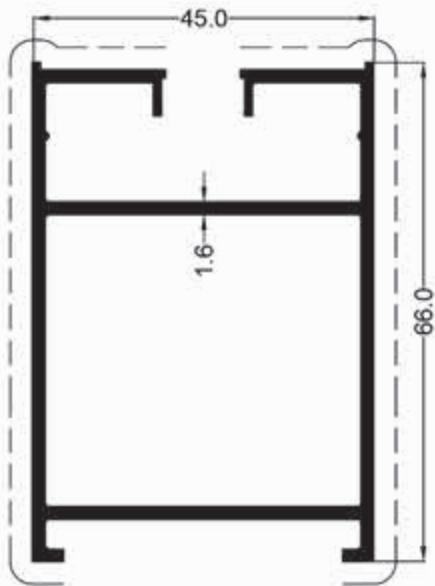
ASSEMBLING DETAILS & SECTIONAL DETAILS



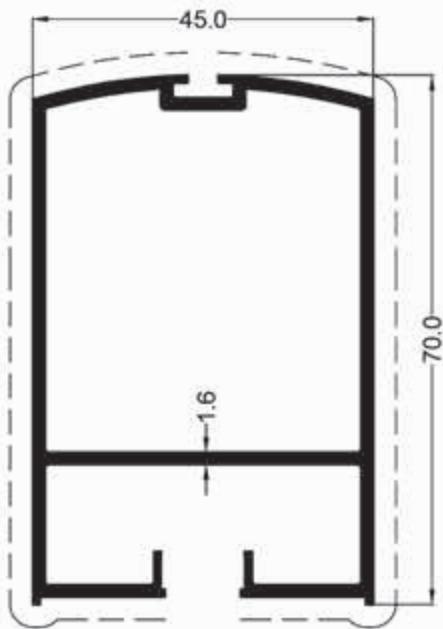
3D ASSEMBLING DETAILS

GROUP
6

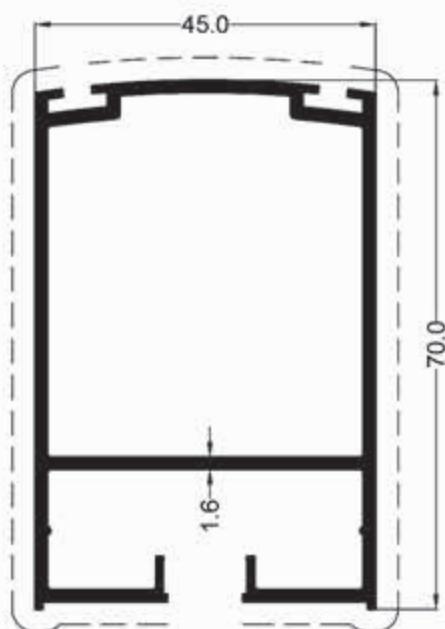
DOOR
- 100mm PROFILE -



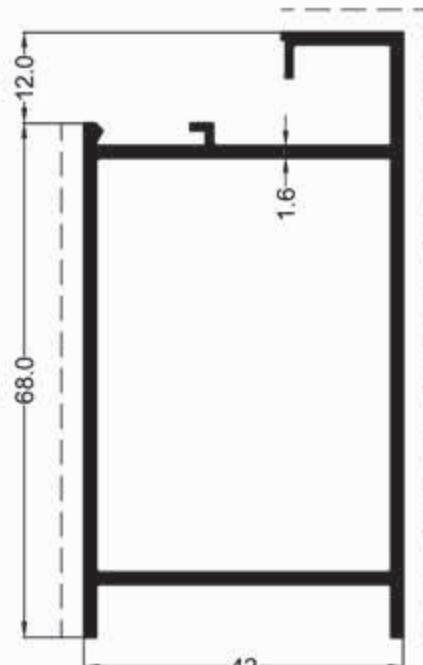
100 DO 01
1.109 Kg/m



100 DO 02
1.132 Kg/m



100 DO 03
1.157 Kg/m



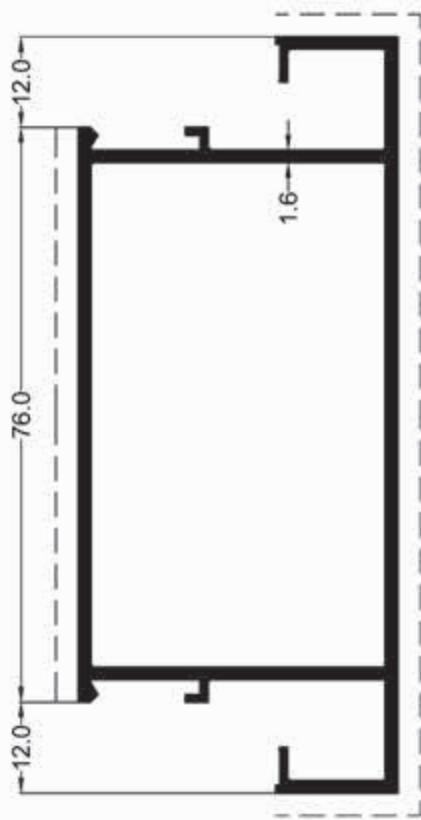
100 DO 04
1.066 Kg/m

[---] VISIBLE SURFACE [---]

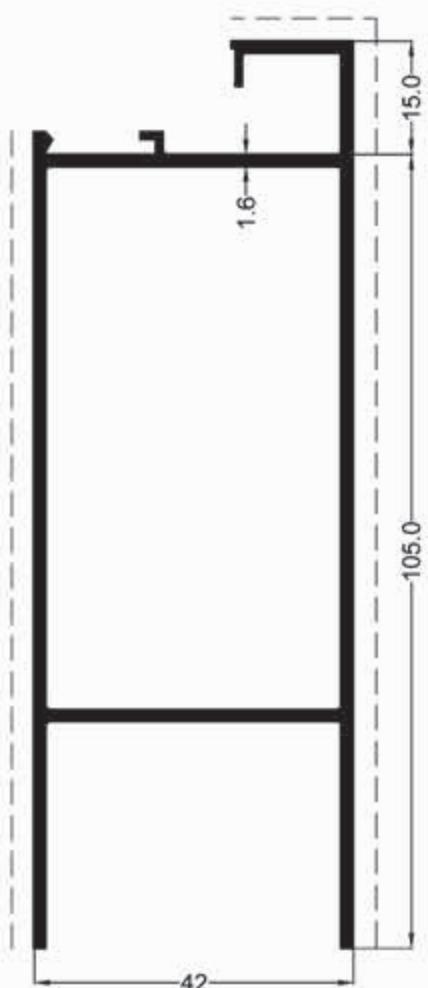
PROFILE DIAGRAM WITH MEASUREMENTS

GROUP
6

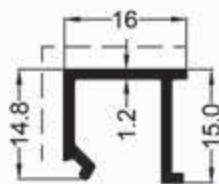
DOOR
- 100mm PROFILE -



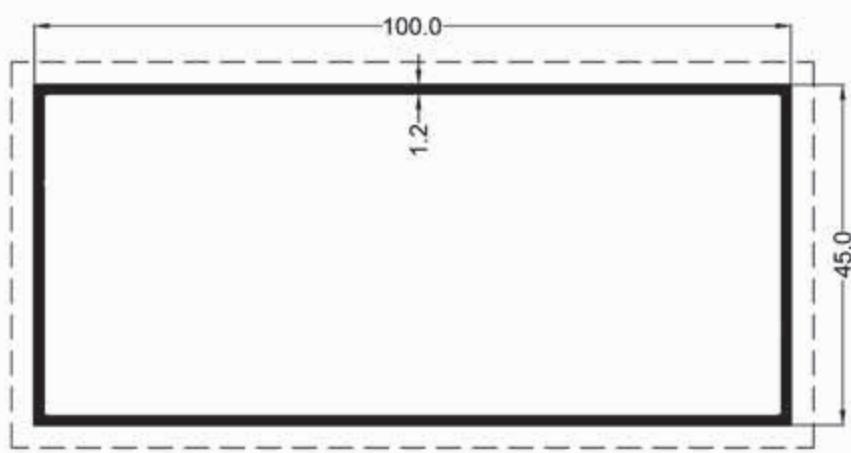
100 DO 05
1.176 Kg/m



100 DO 06
1.412 Kg/m



100 DO 07
0.151 Kg/m



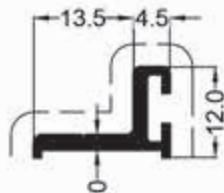
100 DO 08
0.924 Kg/m

[-----] VISIBLE SURFACE [-----]

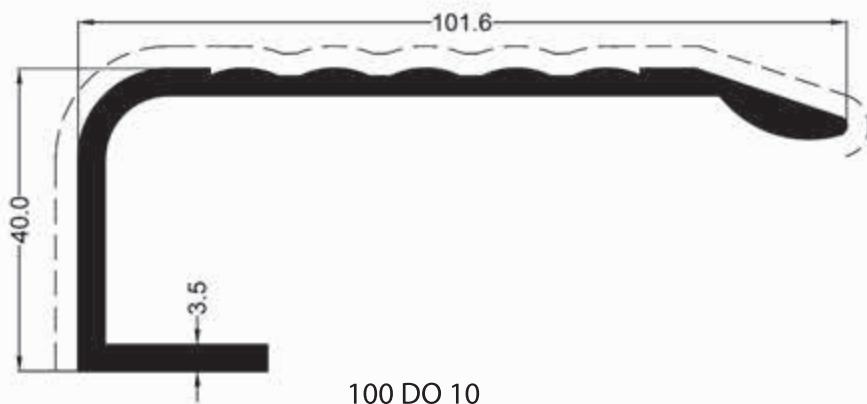
PROFILE DIAGRAM WITH MEASUREMENTS

GROUP
6

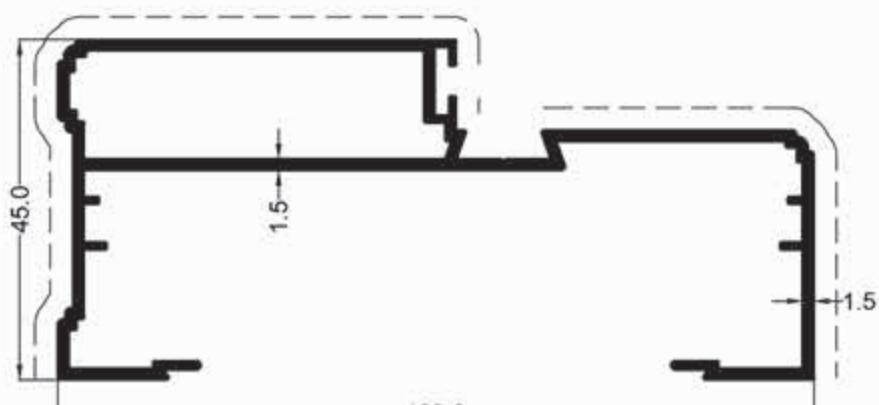
DOOR
- 100mm PROFILE -



100 DO 09
0.159 Kg/m



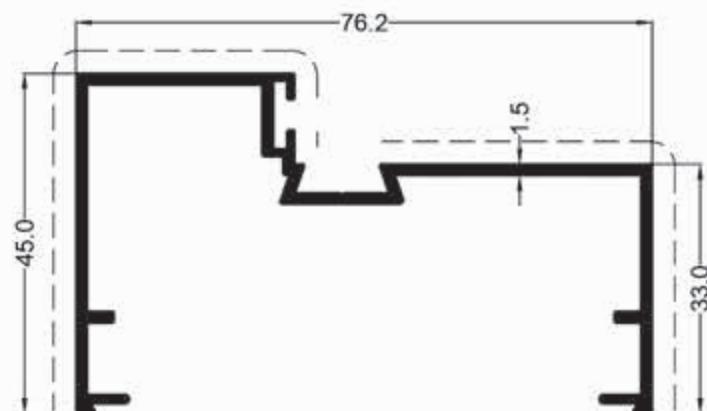
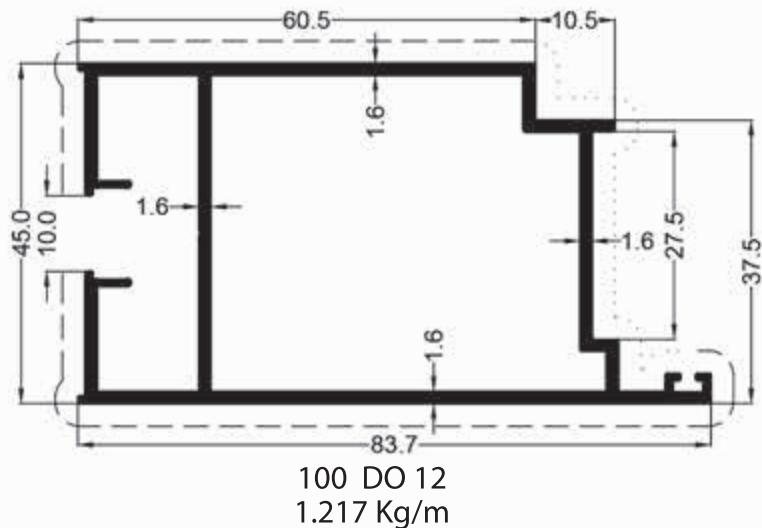
100 DO 10
1.416 Kg/m



100 DO 11
1.195 Kg/m

----- VISIBLE SURFACE -----

PROFILE DIAGRAM WITH MEASUREMENTS



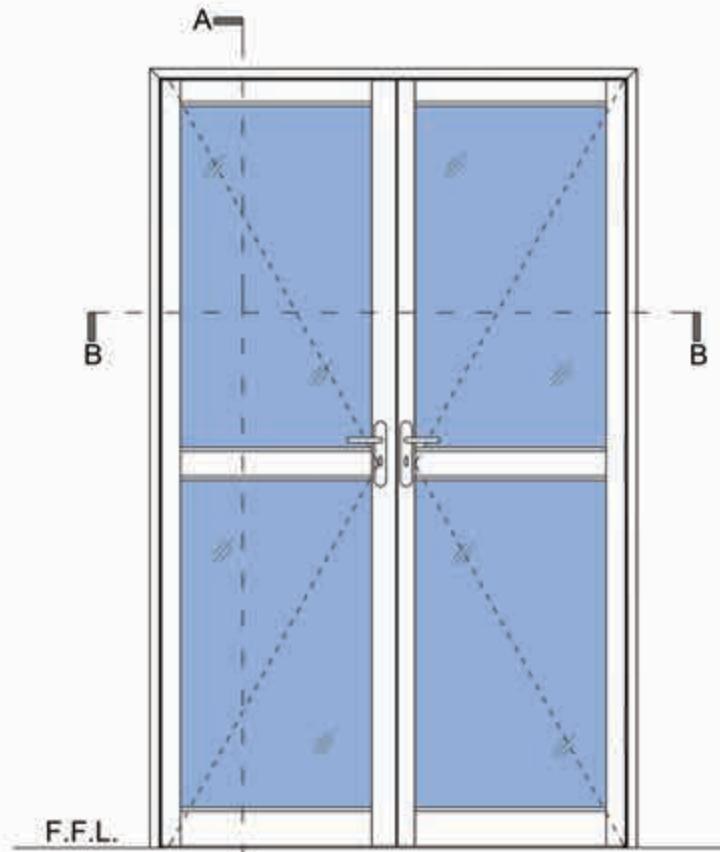
[---] VISIBLE SURFACE [---]

PROFILE DIAGRAM WITH MEASUREMENTS

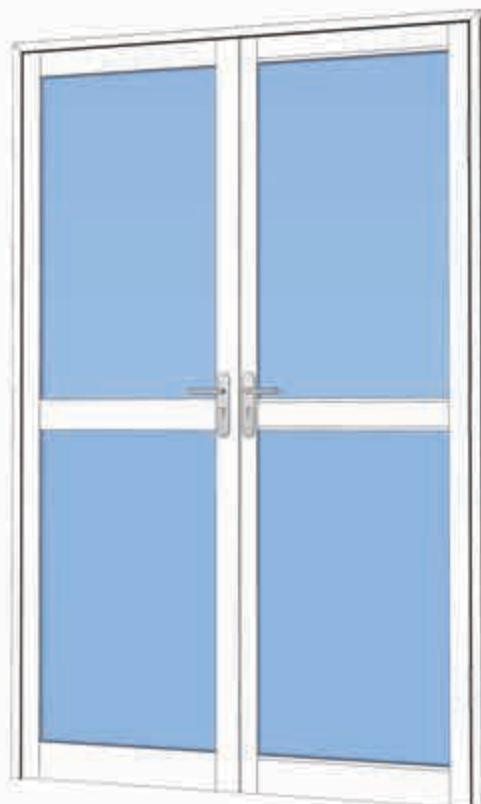
GROUP
6

BUTT HINGE DOOR

- 100mm PROFILE -

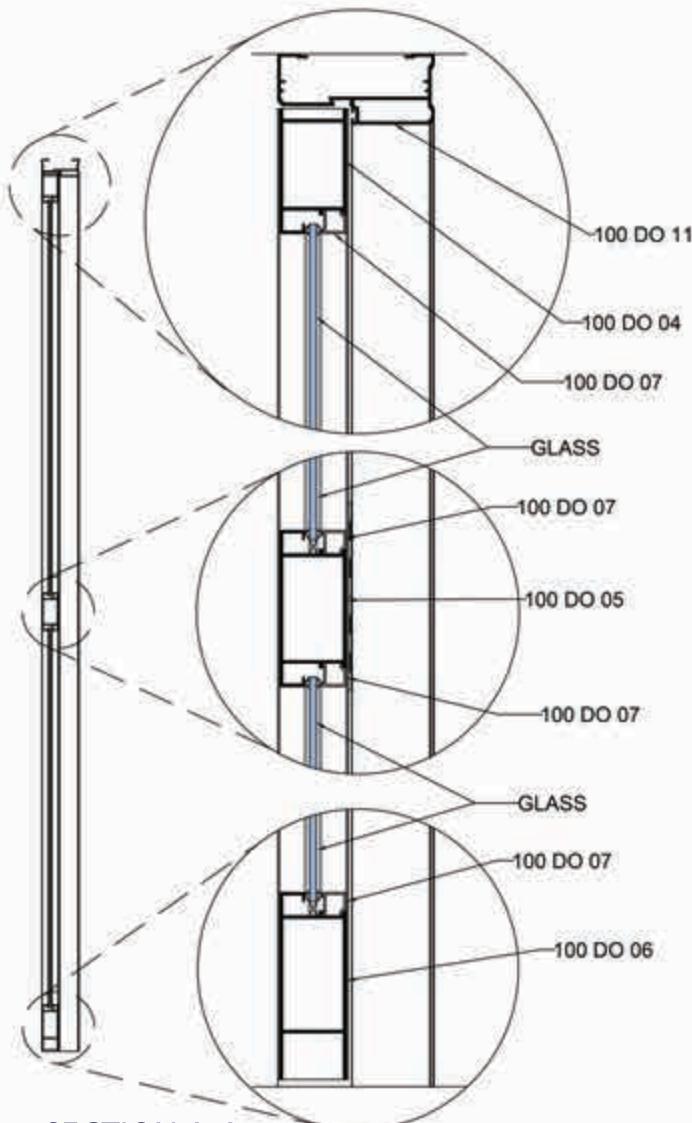


FRONT ELEVATION

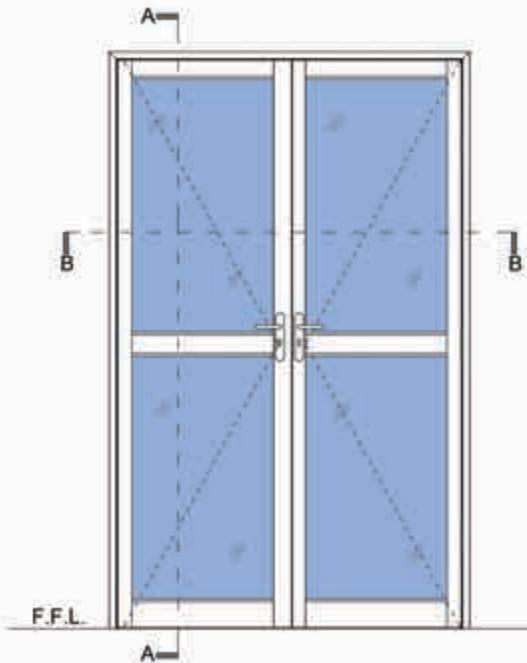


3D VIEW / PERSPECTIVE

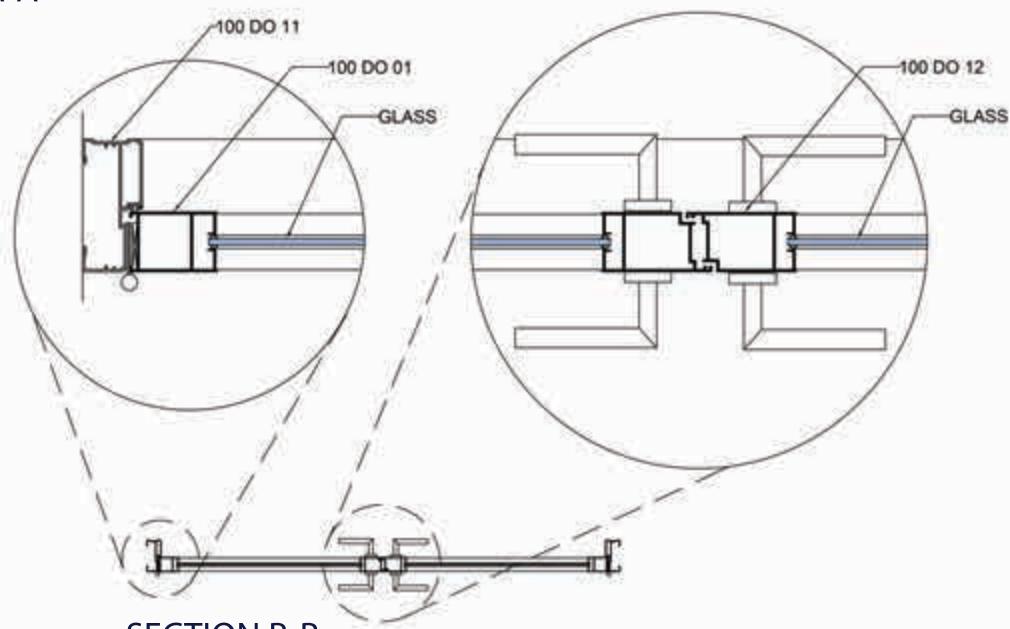
ASSEMBLING DETAILS & SECTIONAL DETAILS



SECTION A-A

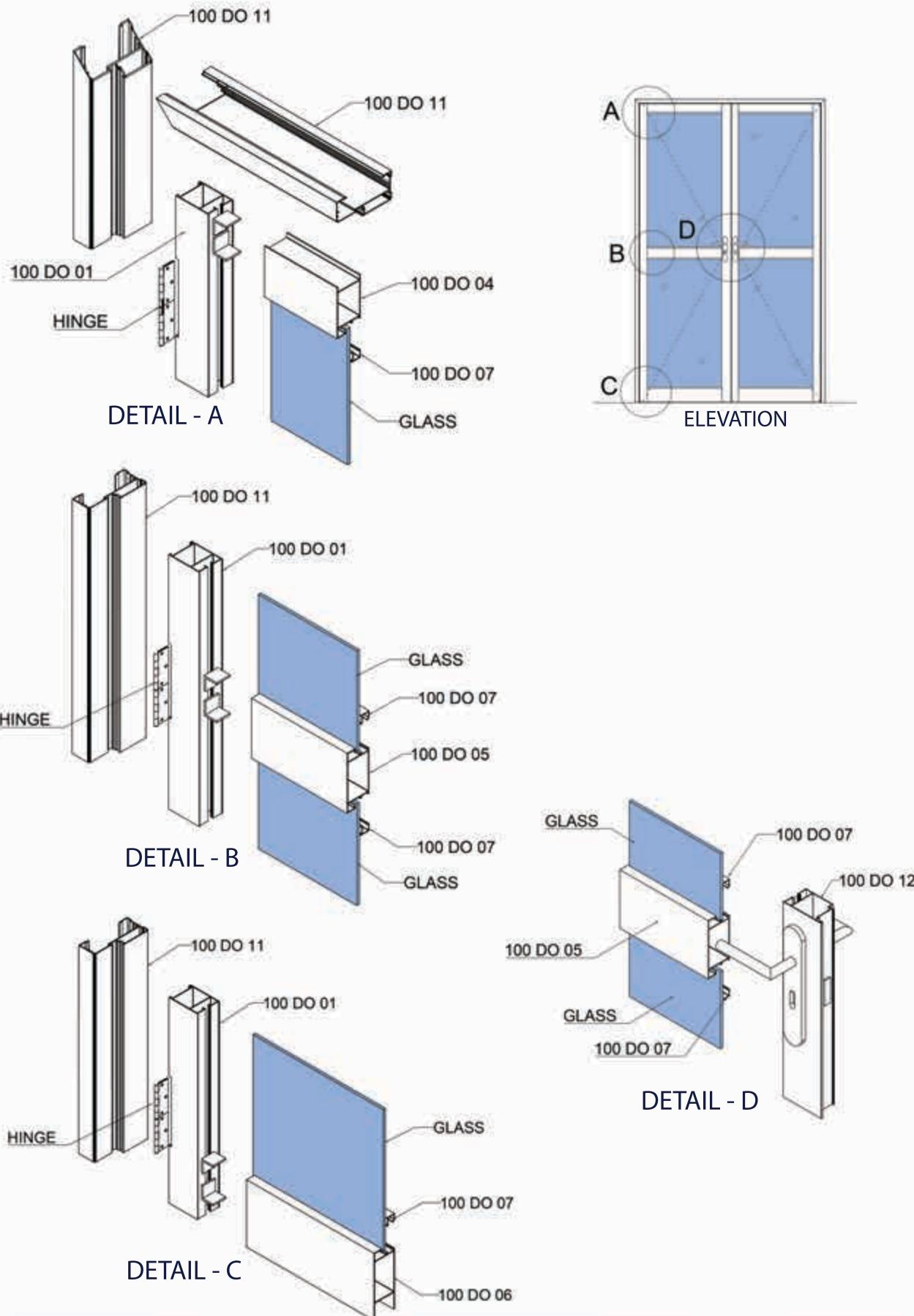


FRONT ELEVATION



SECTION B-B

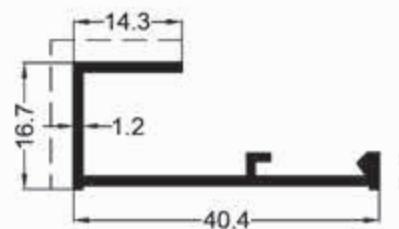
ASSEMBLING DETAILS & SECTIONAL DETAILS

GROUP
6BUTT HINGE DOOR
- 100mm PROFILE -

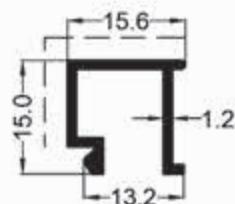
3D ASSEMBLING DETAILS

GROUP
7

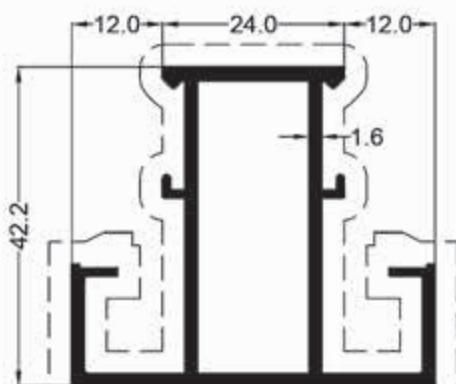
DOOR
- 76 mm PROFILE -



76 DO 03
0.255 Kg/m



76 DO 04
0.161 Kg/m



76 DO 06
0.837 Kg/m

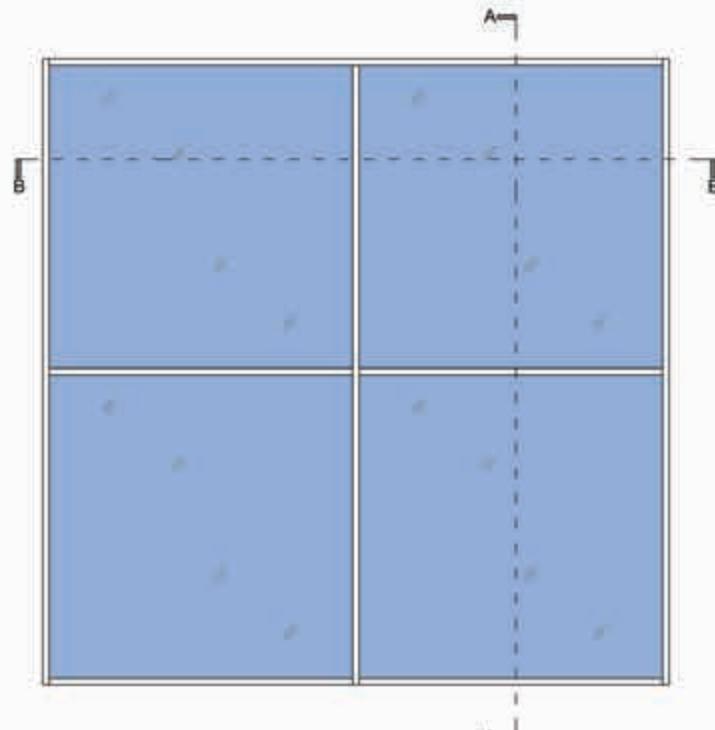
[-----] VISIBLE SURFACE [-----]

PROFILE DIAGRAM WITH MEASUREMENTS

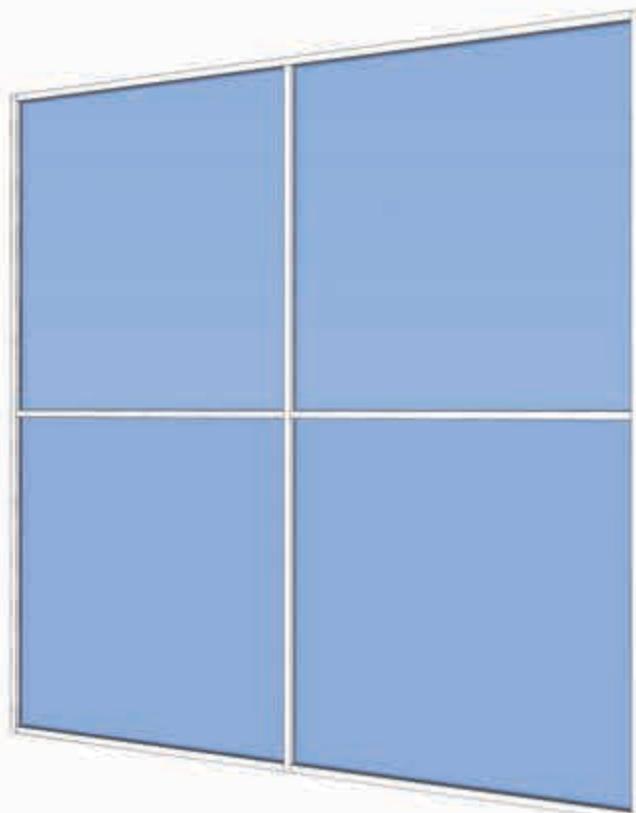
GROUP
8

SHOP FRONT

- 76mm PROFILE -



FRONT ELEVATION



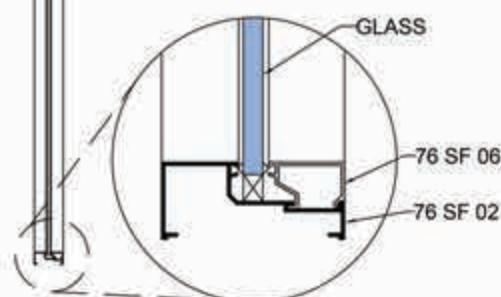
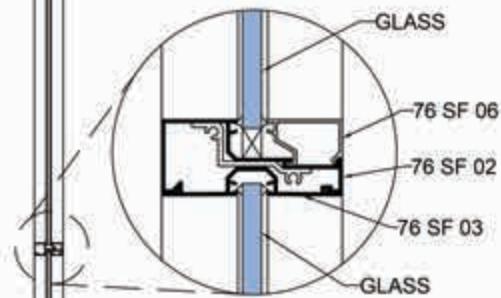
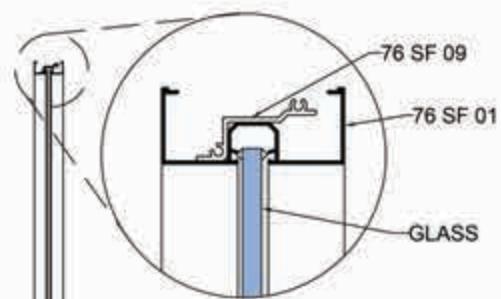
3D VIEW / PERSPECTIVE

ASSEMBLING DETAILS & SECTIONAL DETAILS

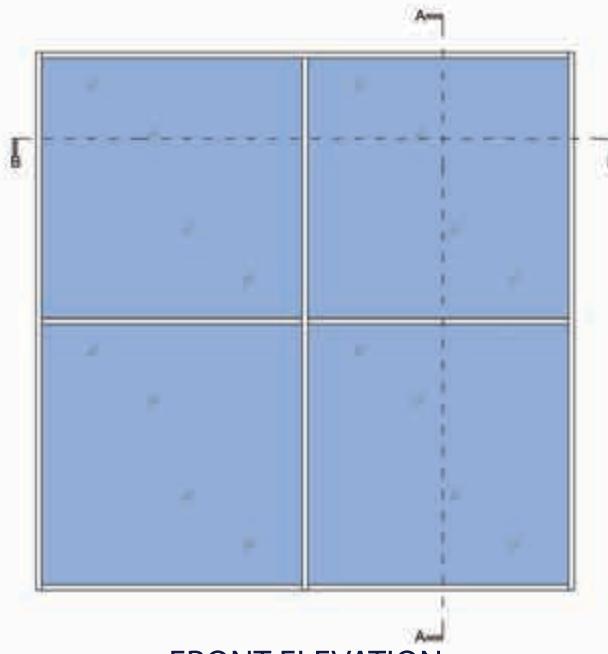
GROUP
8

SHOP FRONT

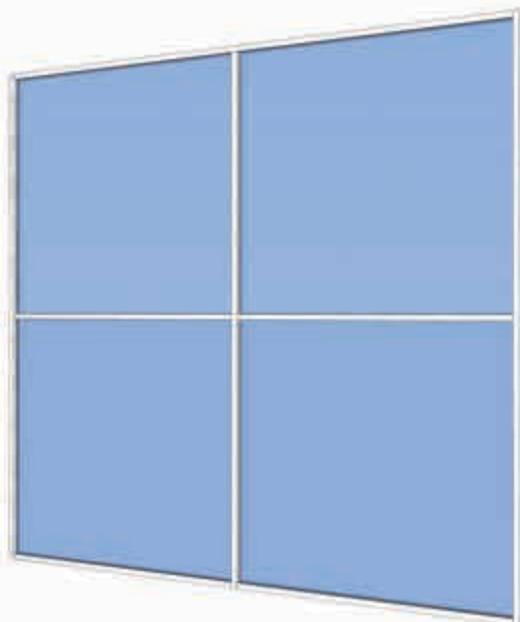
- 76mm PROFILE -



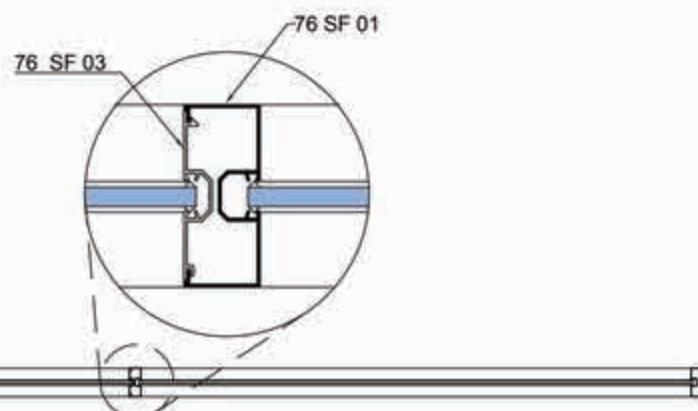
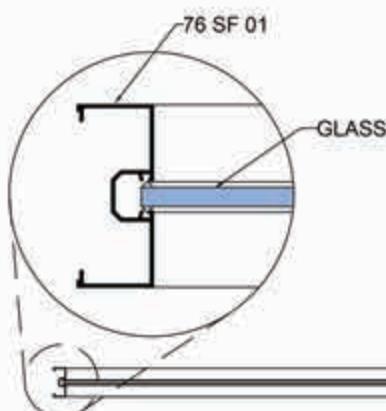
SECTION A-A



FRONT ELEVATION



3D VIEW / PERSPECTIVE



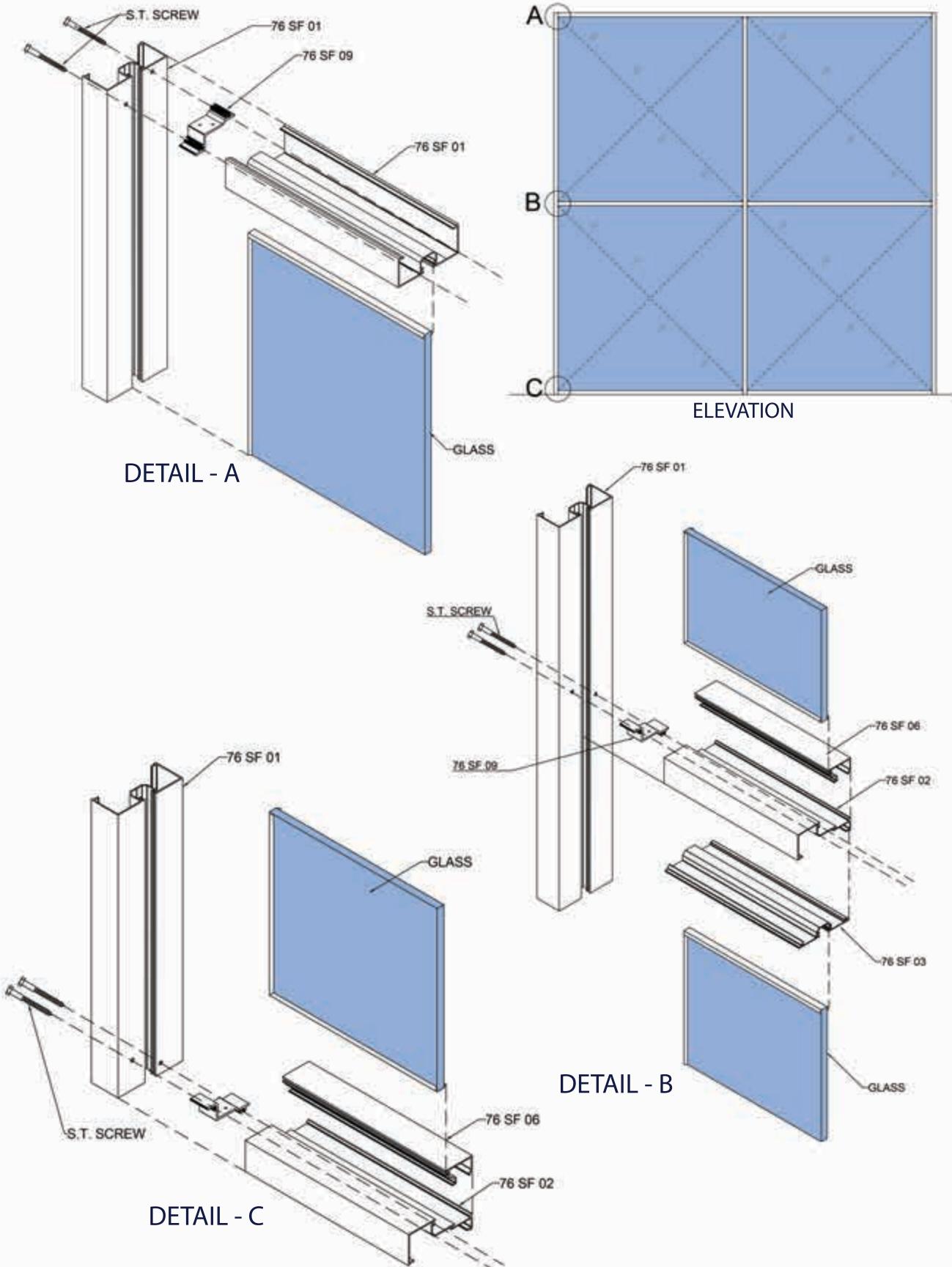
SECTION B-B

ASSEMBLING DETAILS & SECTIONAL DETAILS

GROUP
8

SHOP FRONT

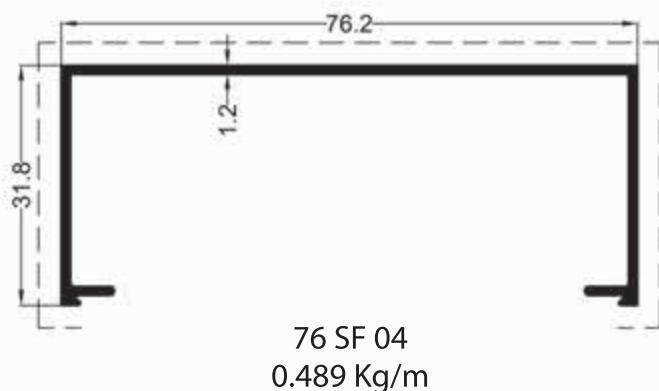
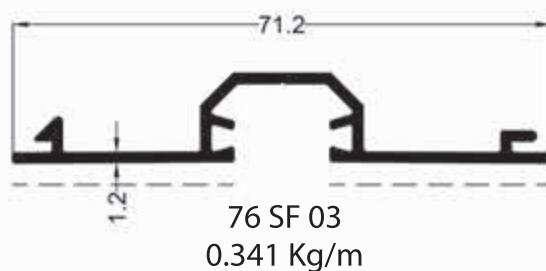
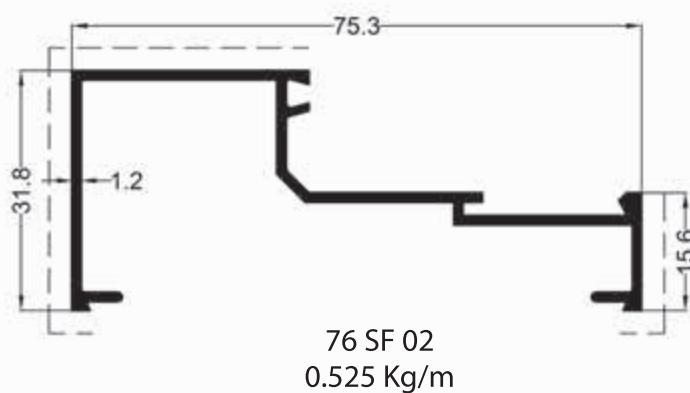
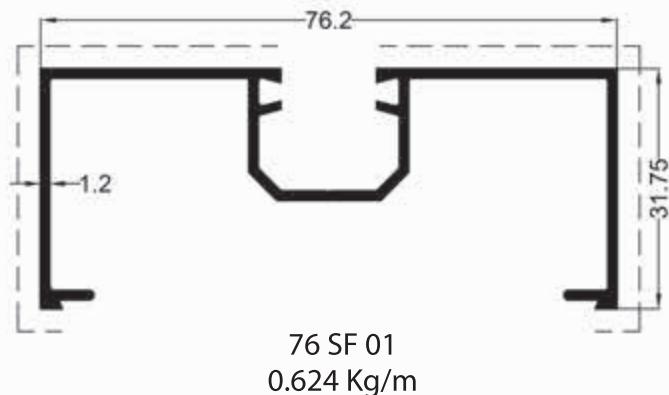
- 76mm PROFILE -



3D ASSEMBLING DETAILS

GROUP
8

SHOP FRONT
- 76mm PROFILE -



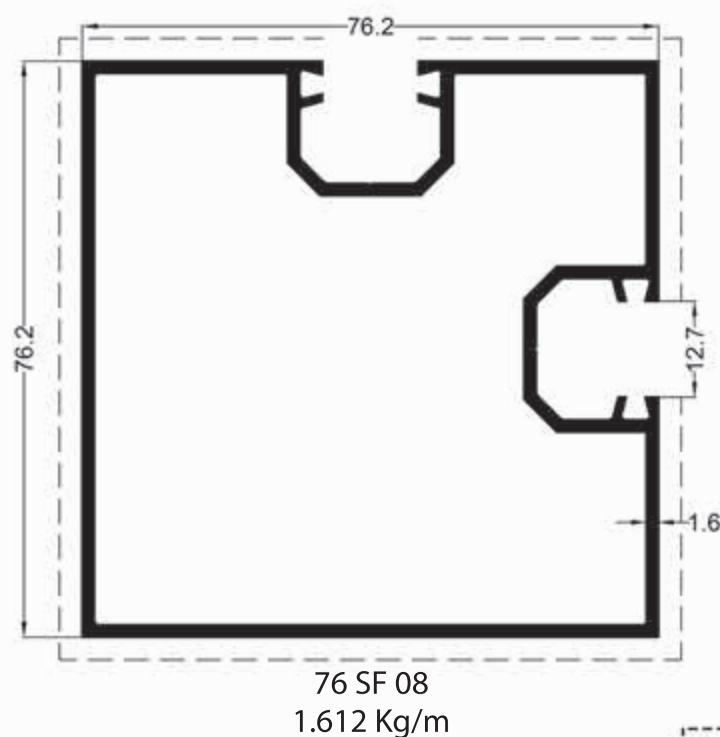
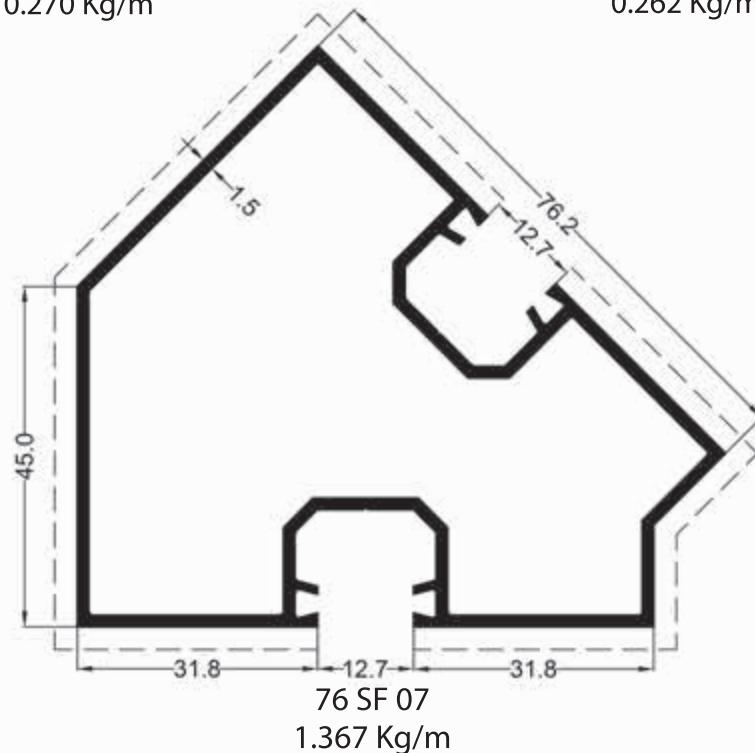
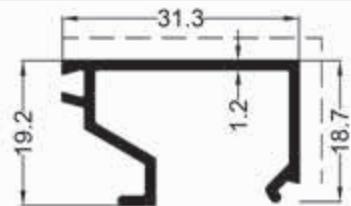
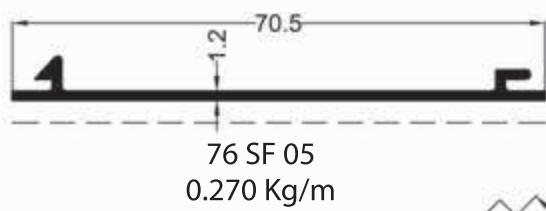
[----- VISIBLE SURFACE -----]

PROFILE DIAGRAM WITH MEASUREMENTS

GROUP
8

SHOP FRONT

- 76mm PROFILE -



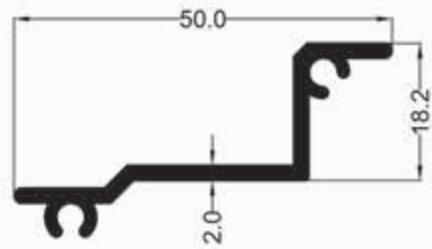
[---] VISIBLE SURFACE [---]

PROFILE DIAGRAM WITH MEASUREMENTS

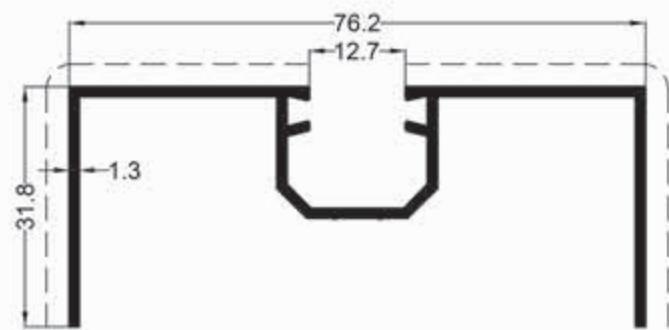
GROUP
8

SHOP FRONT

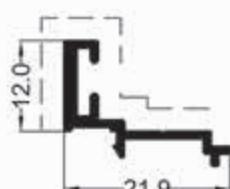
- 76mm PROFILE -



76 SF 09
0.421 Kg/m



76 SF 10
0.626 Kg/m



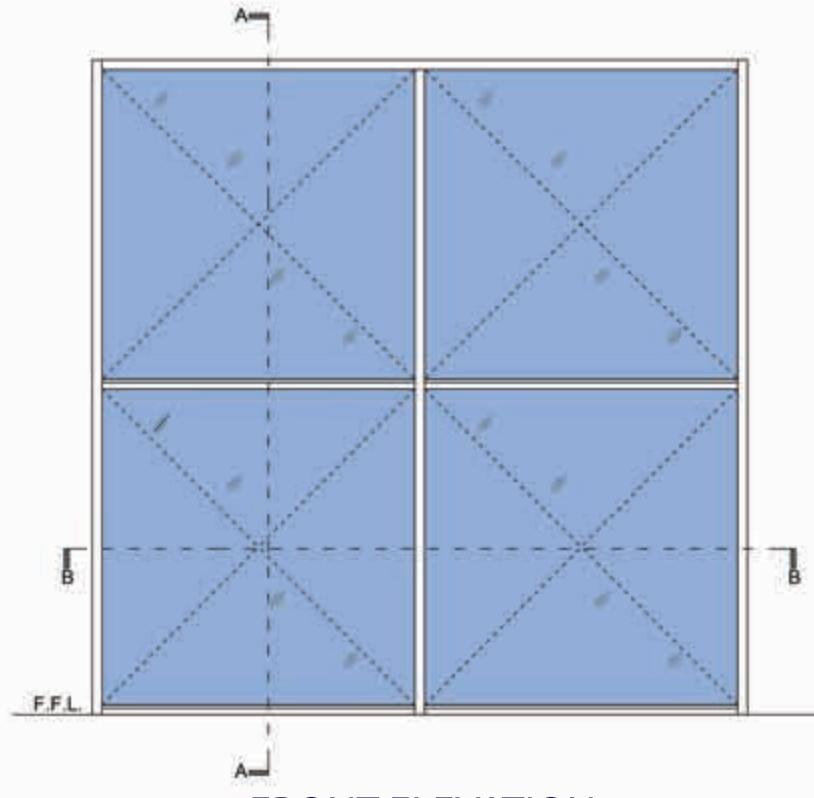
76 SF 11
0.166 Kg/m

[--- VISIBLE SURFACE ---]

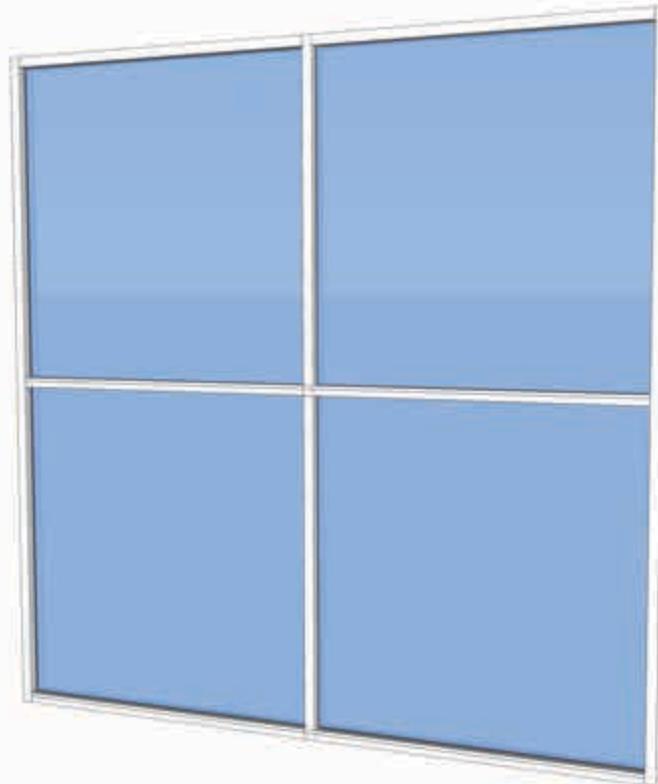
PROFILE DIAGRAM WITH MEASUREMENTS

GROUP
9

SHOP FRONT
- 100 mm PROFILE -

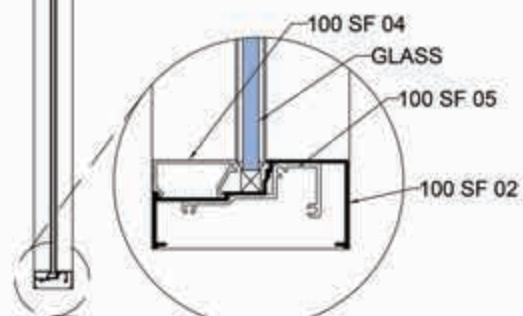
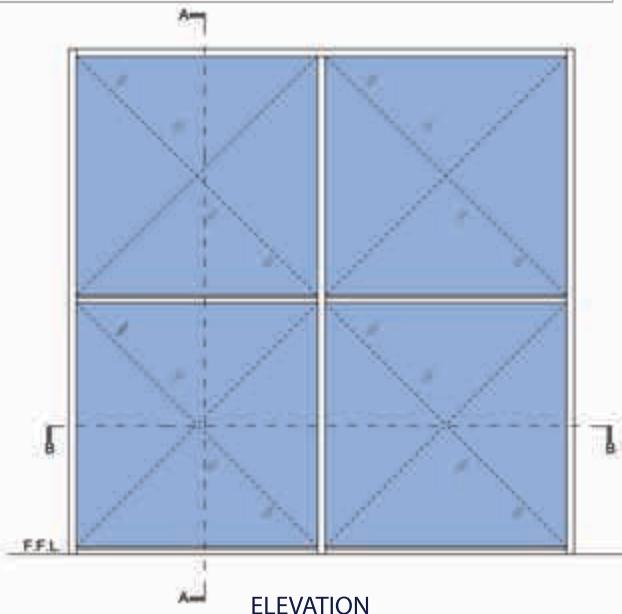
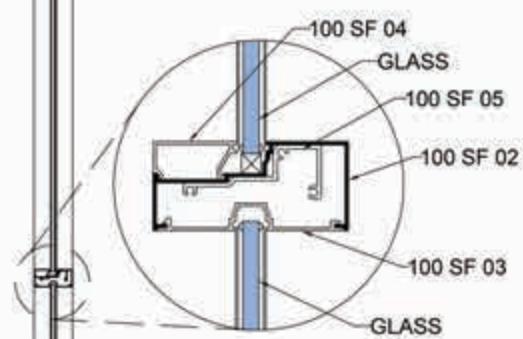
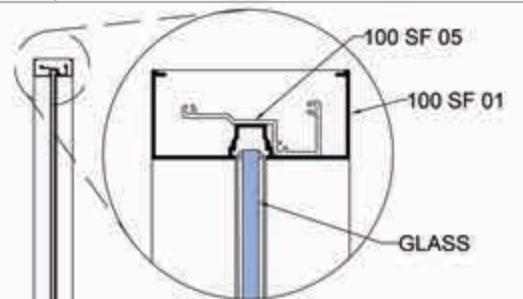


FRONT ELEVATION

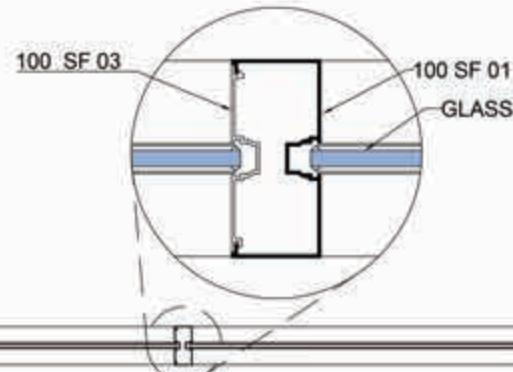
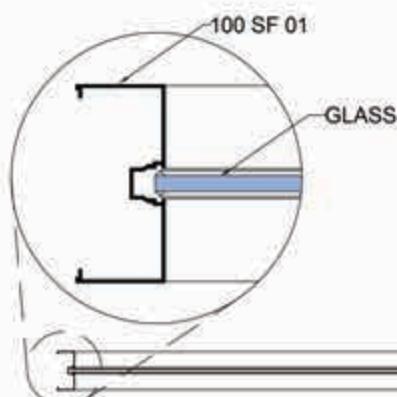


3D VIEW / PERSPECTIVE

ASSEMBLING DETAILS & SECTIONAL DETAILS

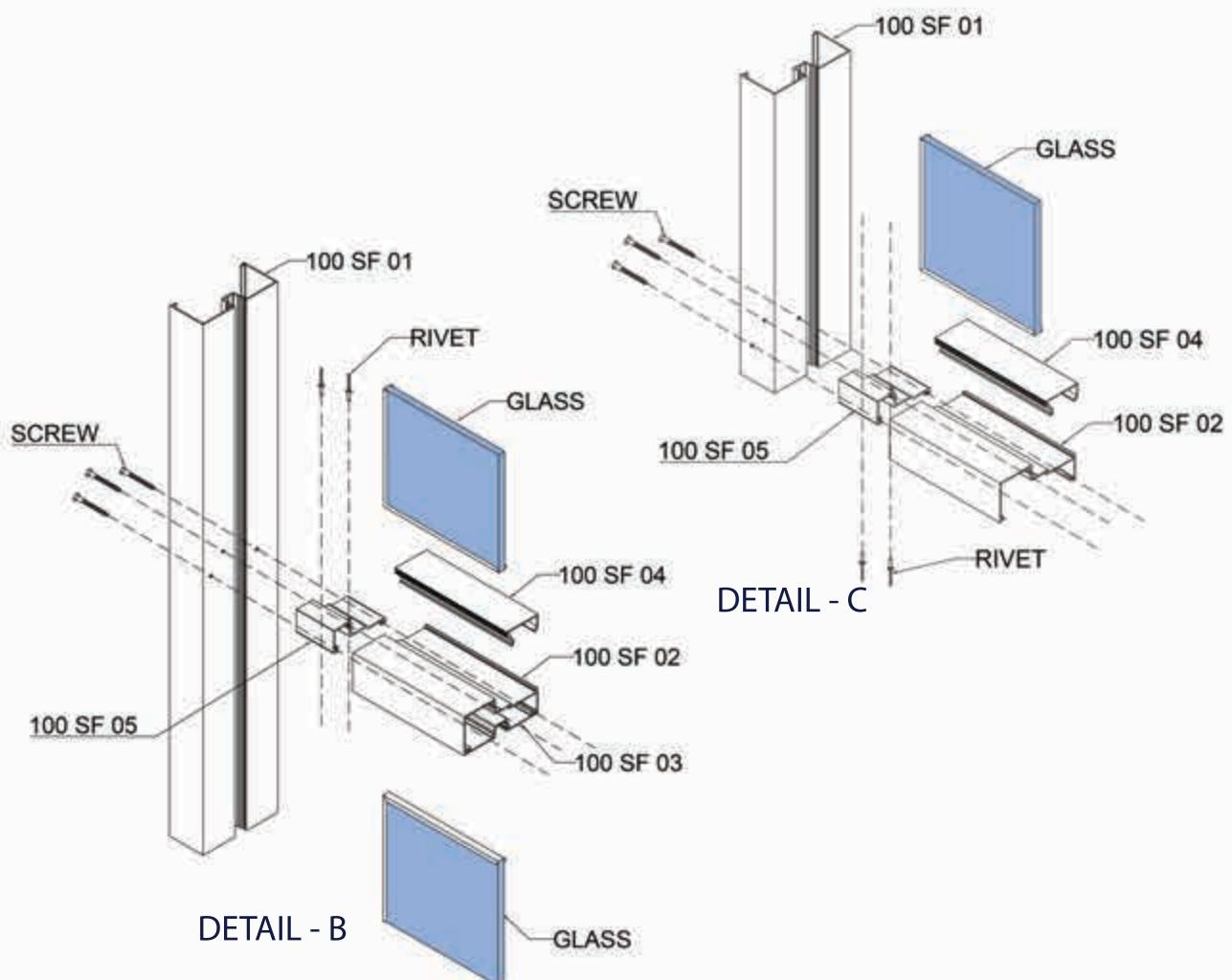
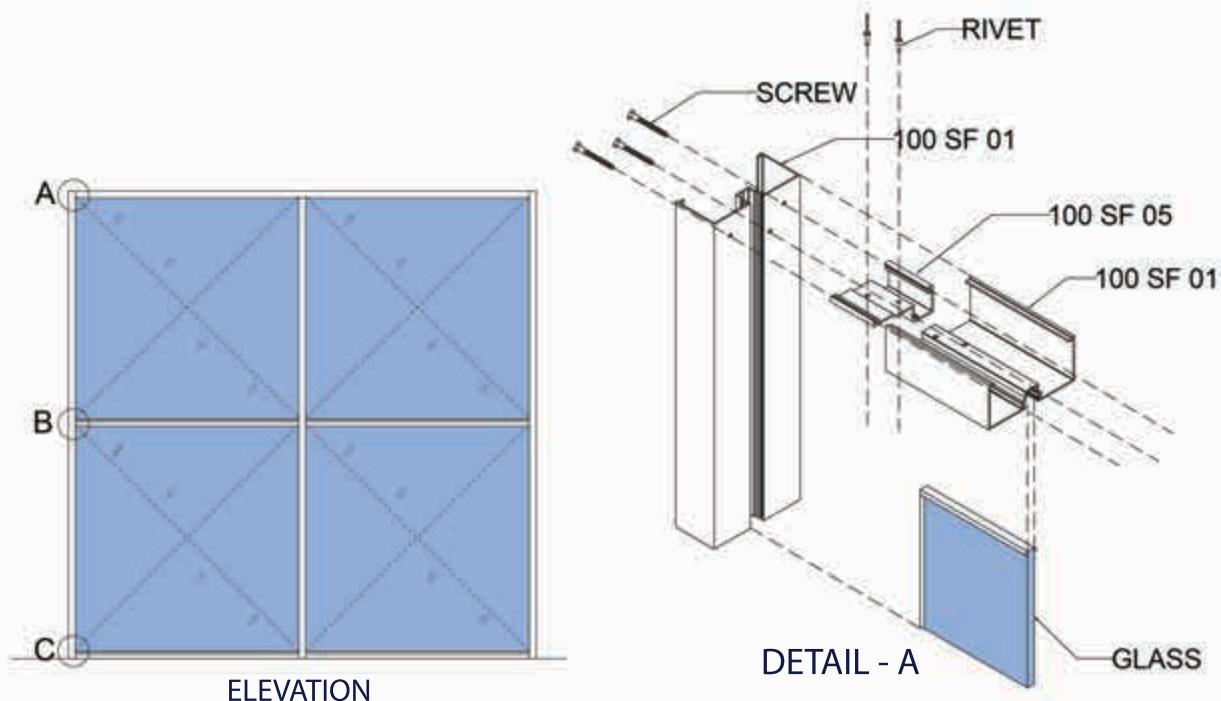


SECTION A-A



SECTION B-B

ASSEMBLING DETAILS & SECTIONAL DETAILS

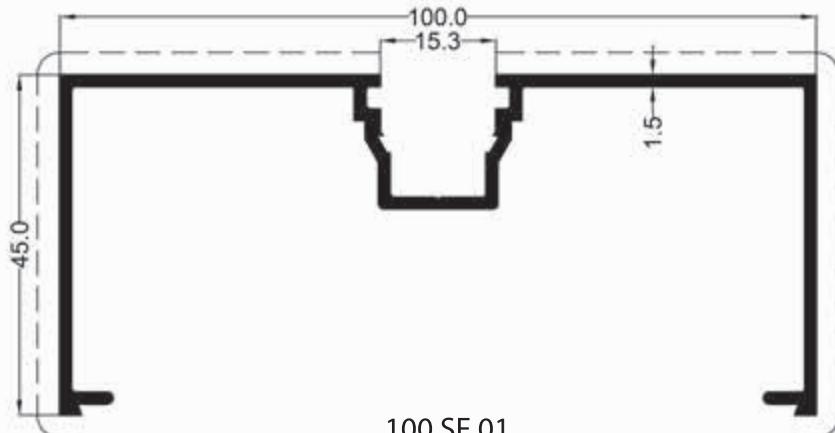


3D ASSEMBLING DETAILS

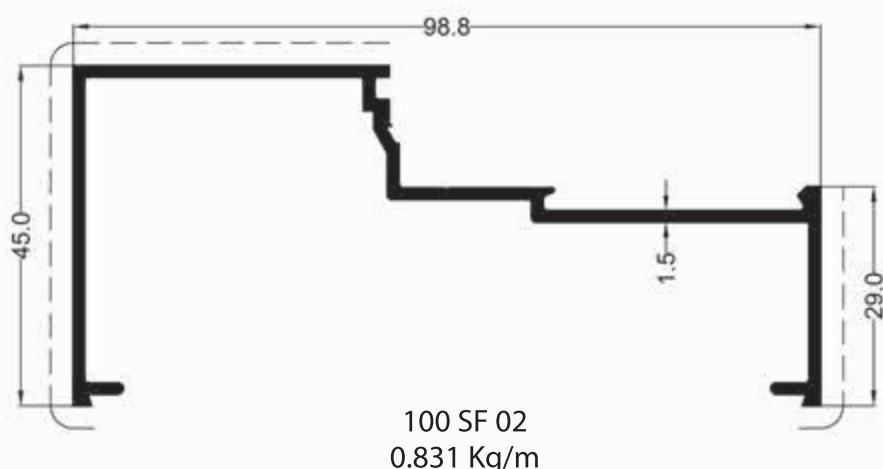
GROUP
9

SHOP FRONT

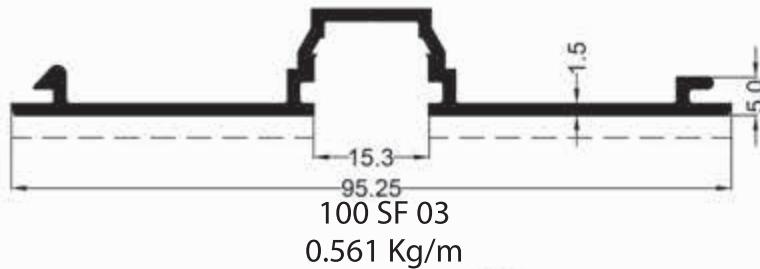
- 100 mm PROFILE -



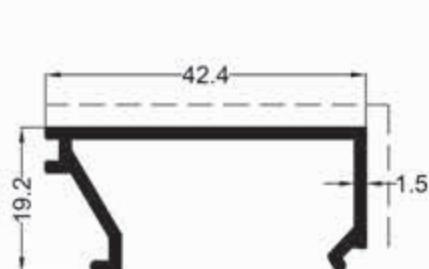
100 SF 01
0.957 Kg/m



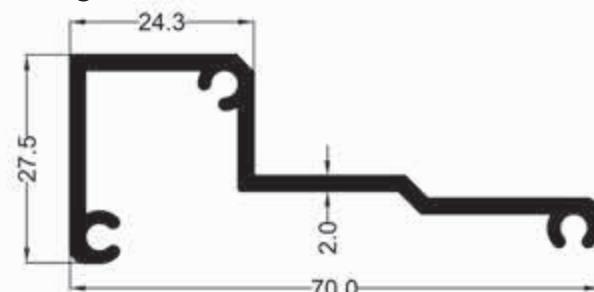
100 SF 02
0.831 Kg/m



100 SF 03
0.561 Kg/m



100 SF 04
0.356 Kg/m



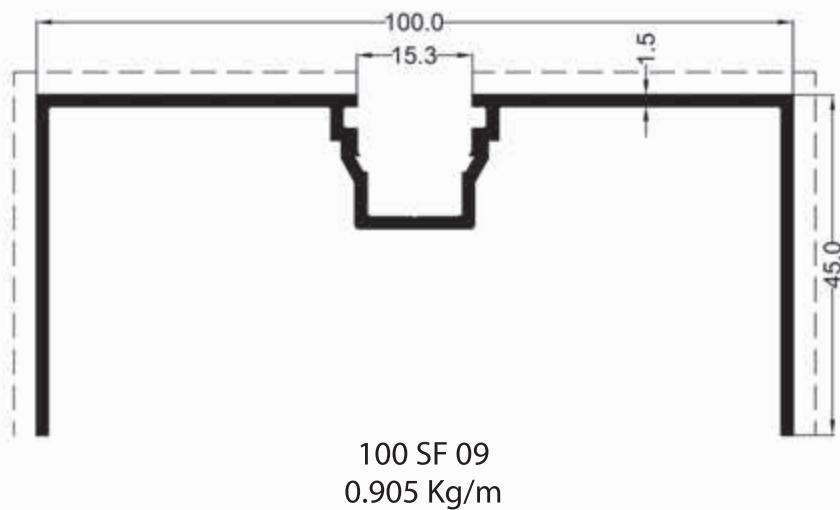
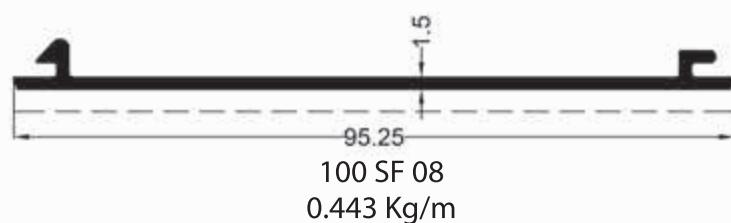
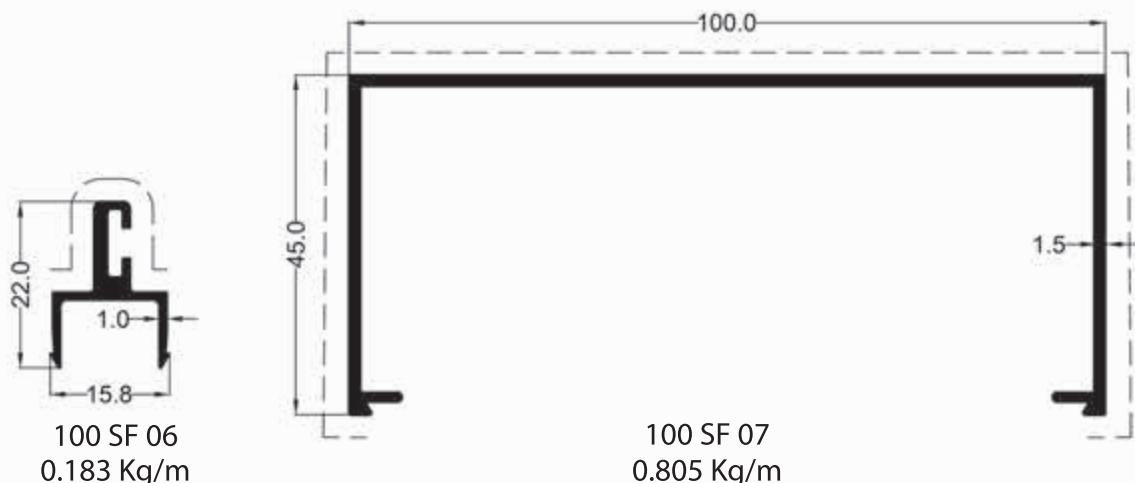
100 SF 05
0.561 Kg/m

[-----] VISIBLE SURFACE [-----]

PROFILE DIAGRAM WITH MEASUREMENTS

GROUP
9

SHOP FRONT
- 100 mm PROFILE -

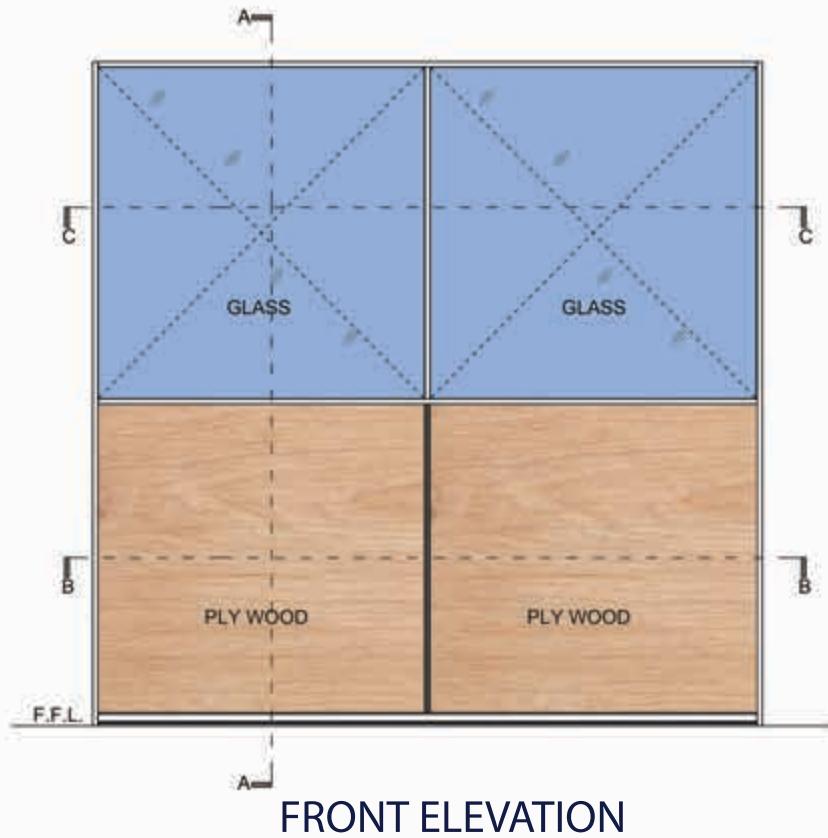


[-----] VISIBLE SURFACE [-----]

PROFILE DIAGRAM WITH MEASUREMENTS

GROUP
10

PARTITION
- 76 mm PROFILE -

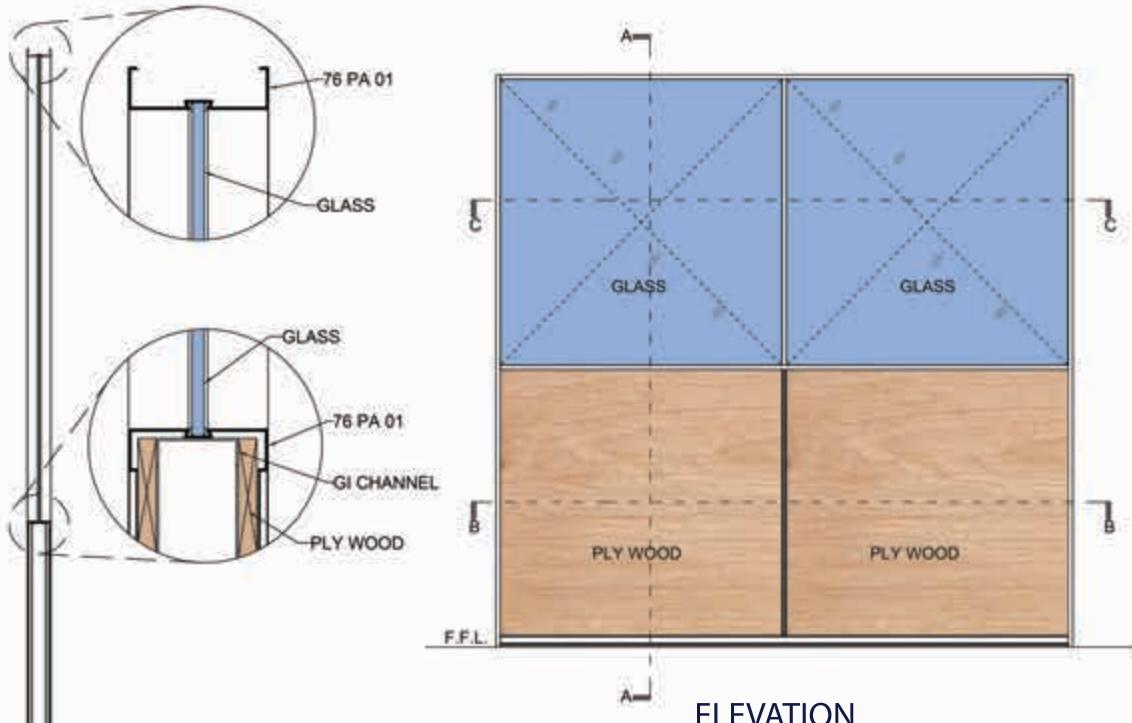


FRONT ELEVATION

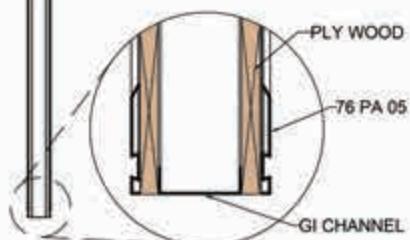


3D VIEW / PERSPECTIVE

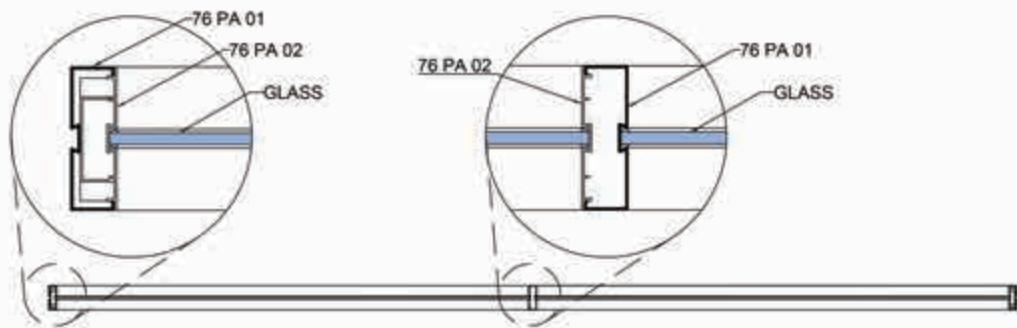
ASSEMBLING DETAILS & SECTIONAL DETAILS



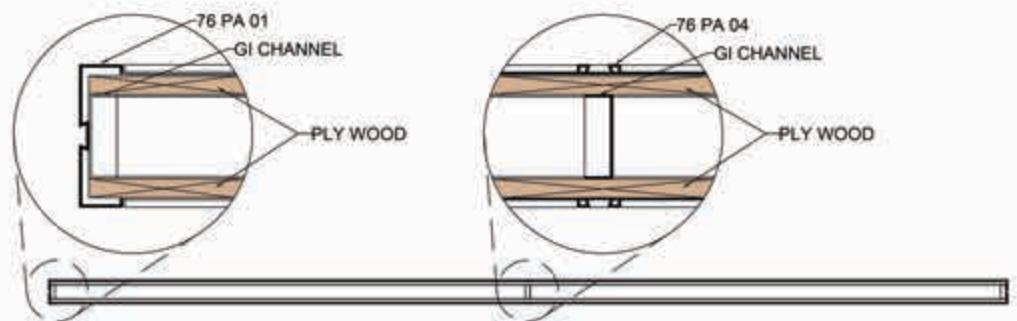
ELEVATION



SECTION A-A

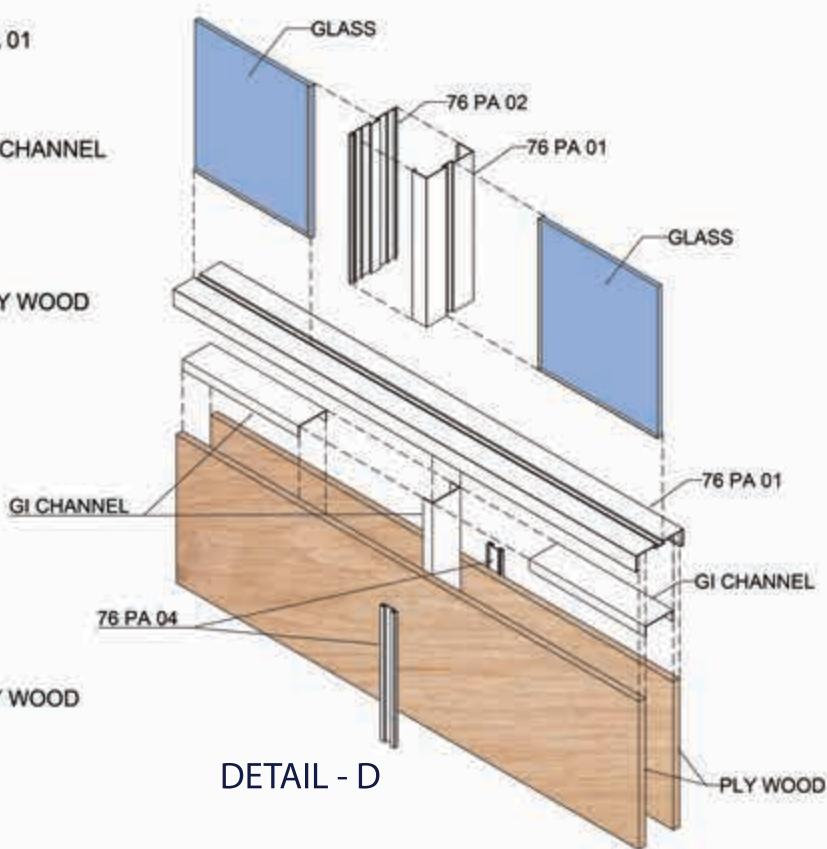
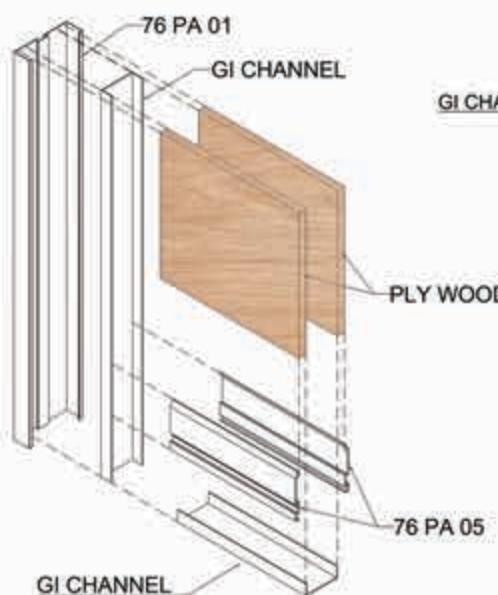
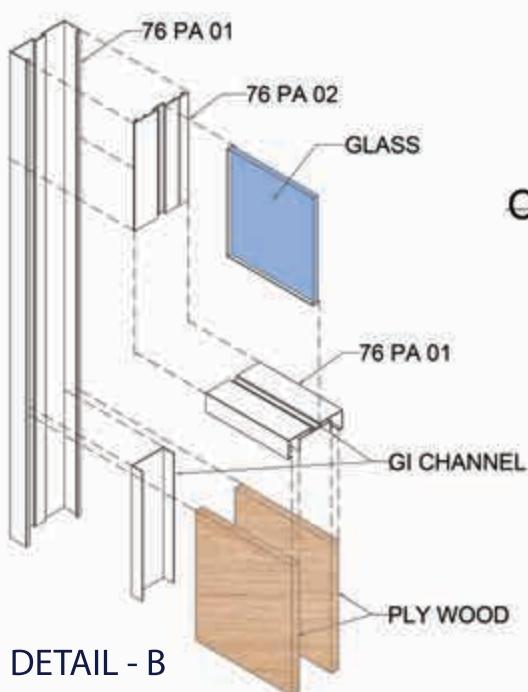
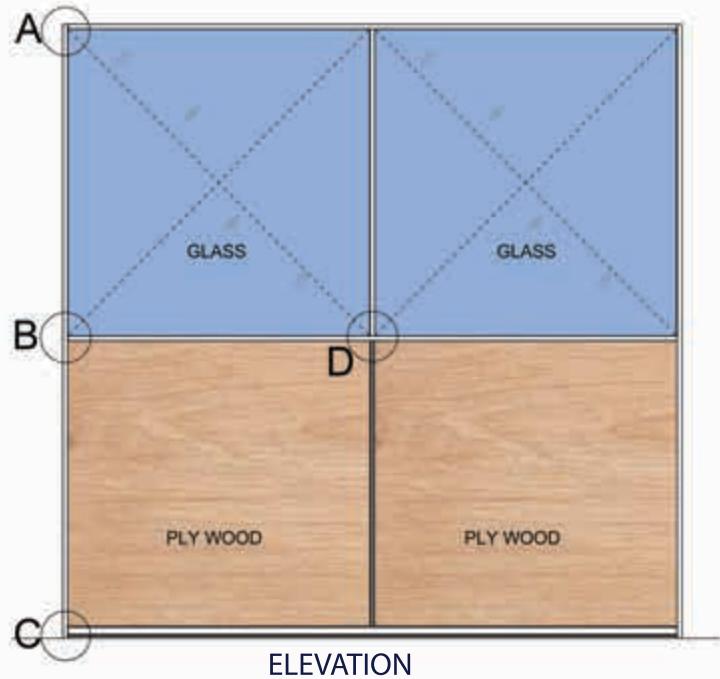
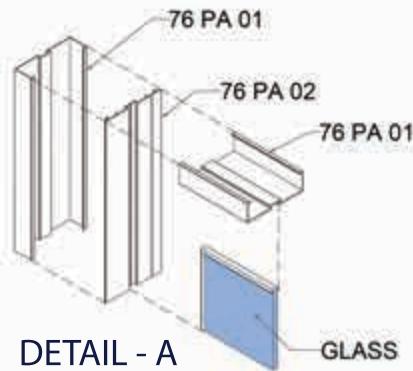


SECTION B-B



SECTION C-C

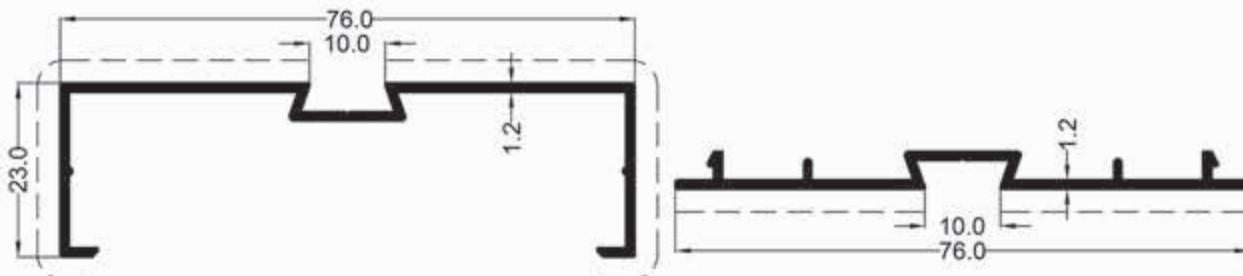
ASSEMBLING DETAILS & SECTIONAL DETAILS



3D ASSEMBLING DETAILS

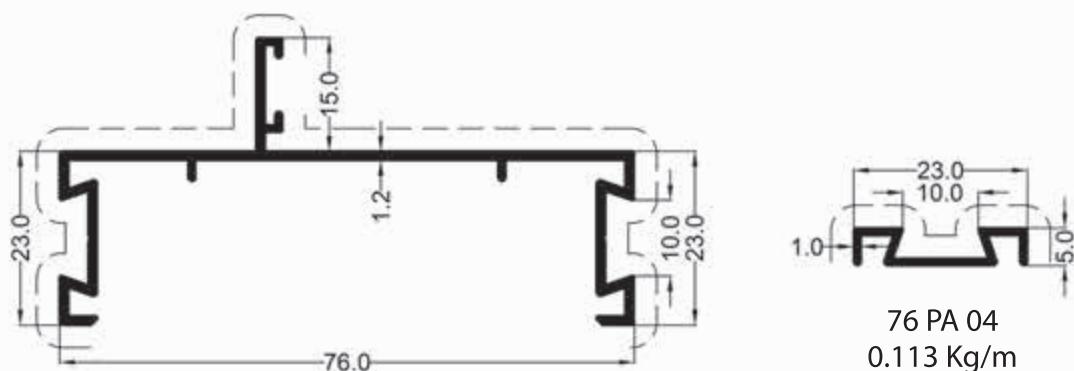
GROUP
10

PARTITION
- 76 mm PROFILE -



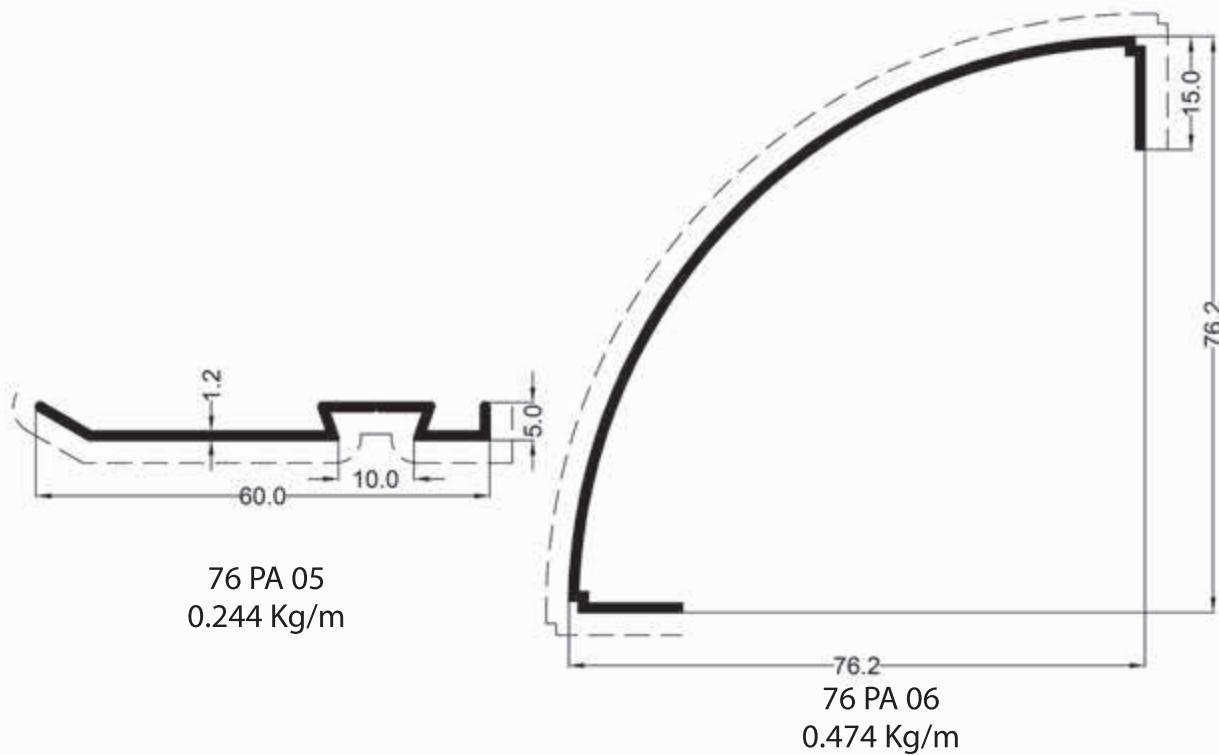
76 PA 01
0.447 Kg/m

76 PA 02
0.325 Kg/m



76 PA 03
0.563 Kg/m

76 PA 04
0.113 Kg/m

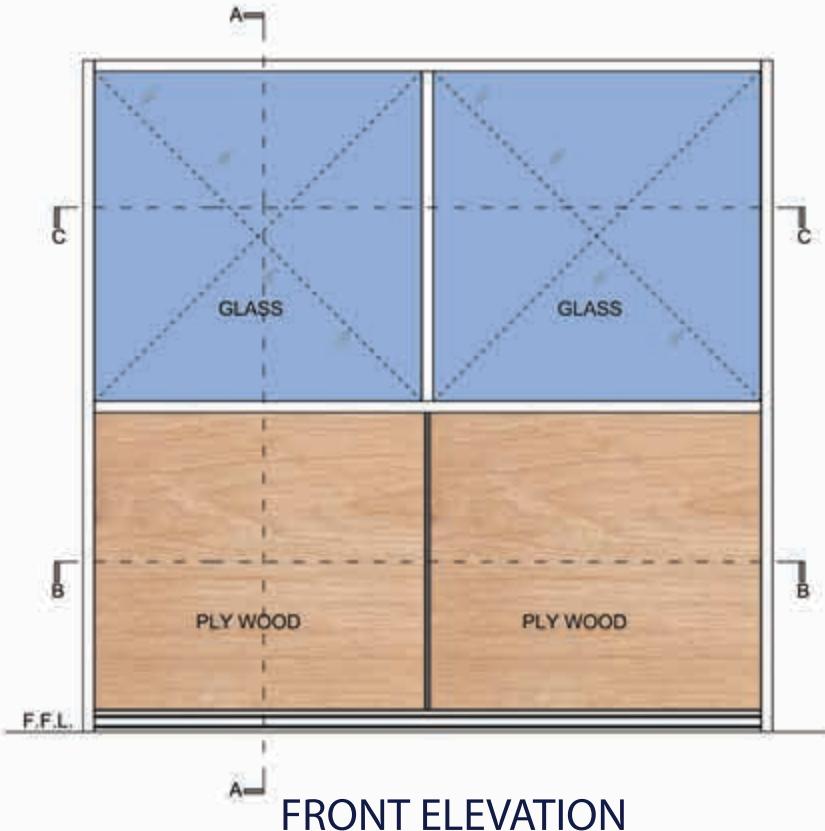


76 PA 05
0.244 Kg/m

76 PA 06
0.474 Kg/m

[---] VISIBLE SURFACE

PROFILE DIAGRAM WITH MEASUREMENTS

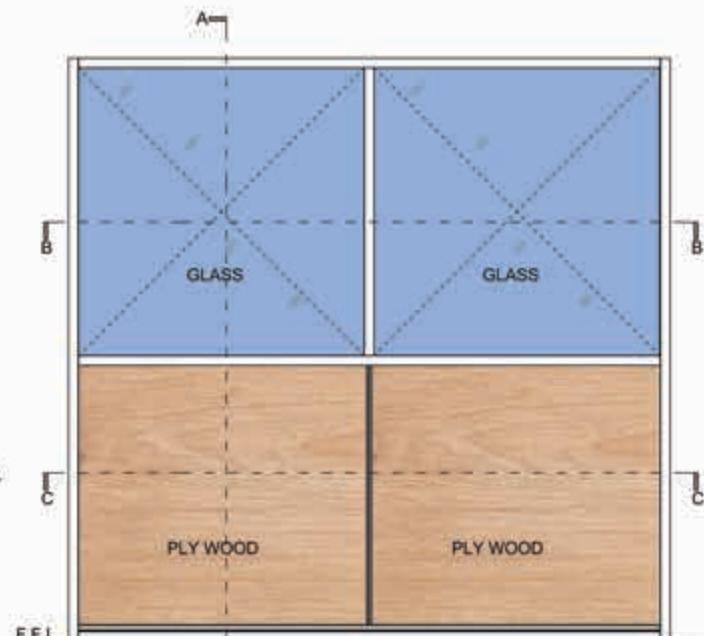
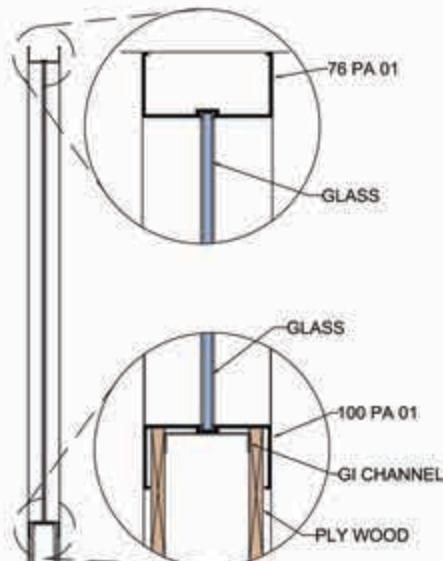


FRONT ELEVATION

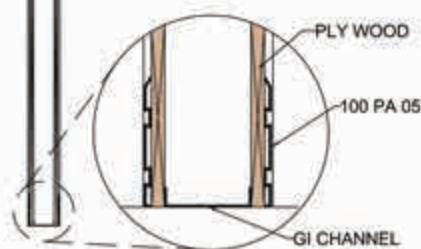


3D VIEW / PERSPECTIVE

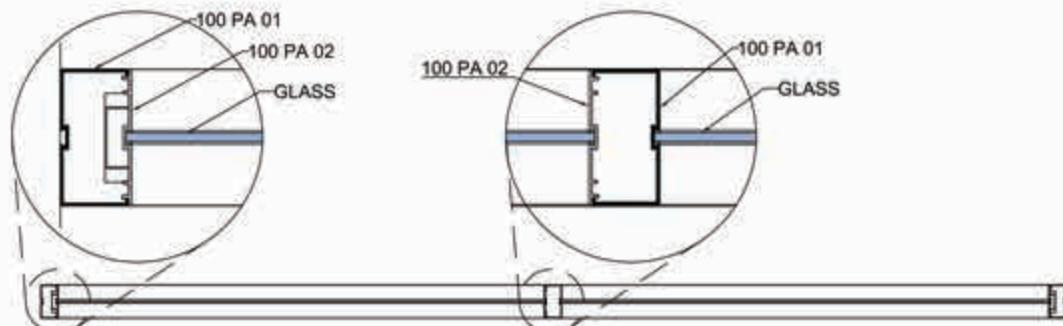
ASSEMBLING DETAILS & SECTIONAL DETAILS



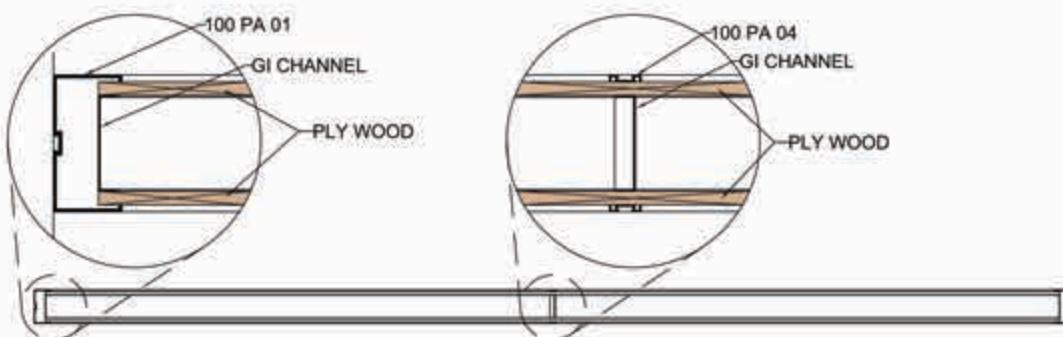
FRONT ELEVATION



SECTION A-A

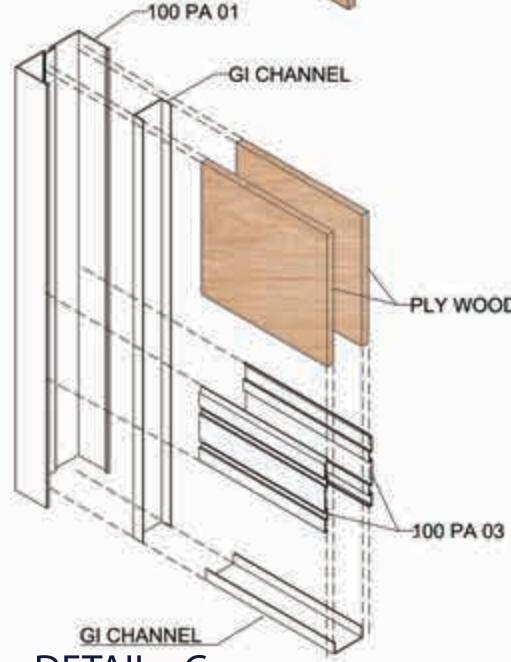
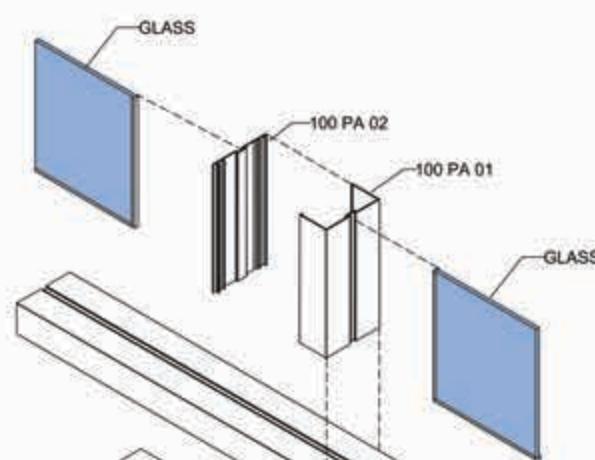
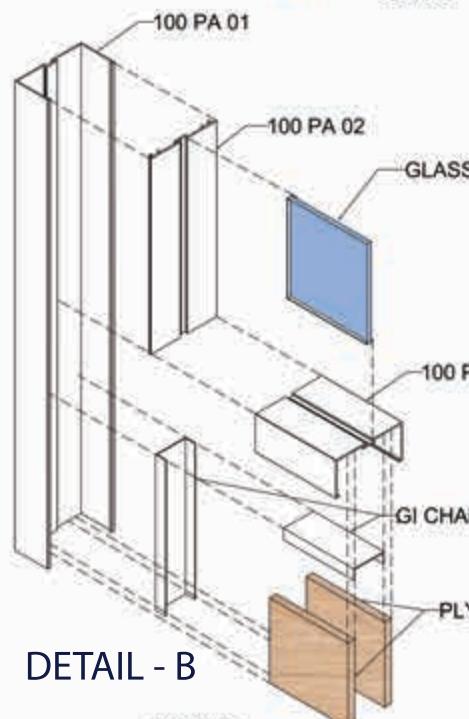
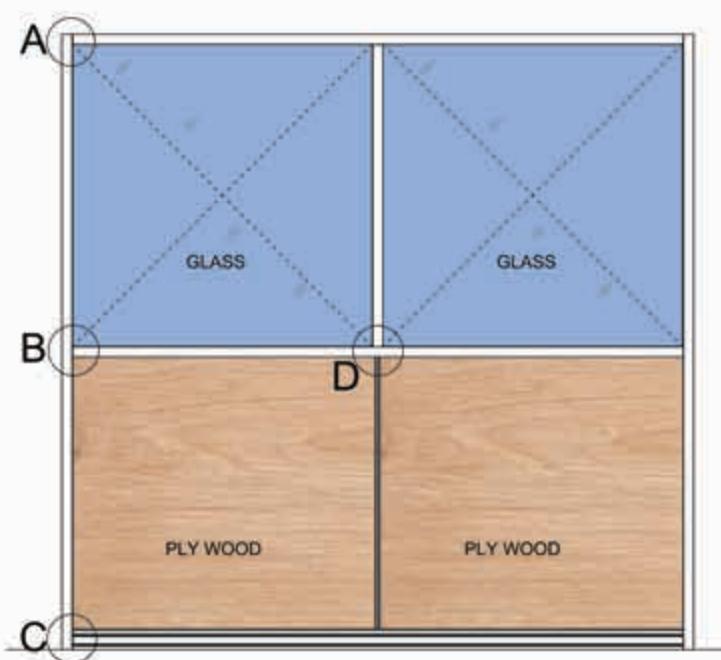
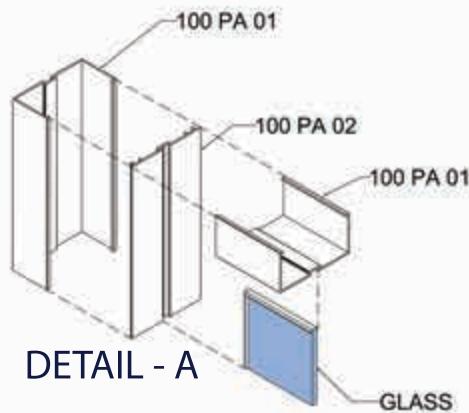


SECTION B-B

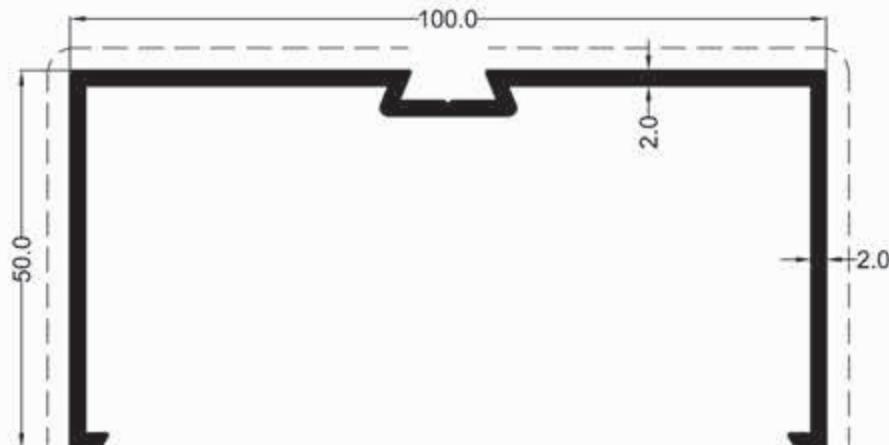


SECTION C-C

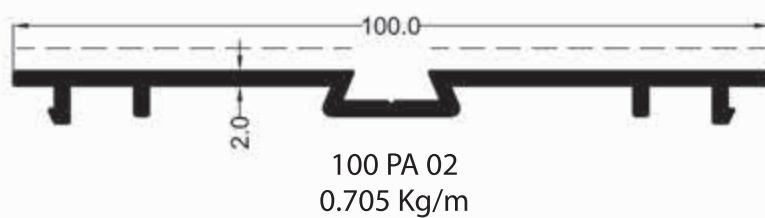
ASSEMBLING DETAILS & SECTIONAL DETAILS



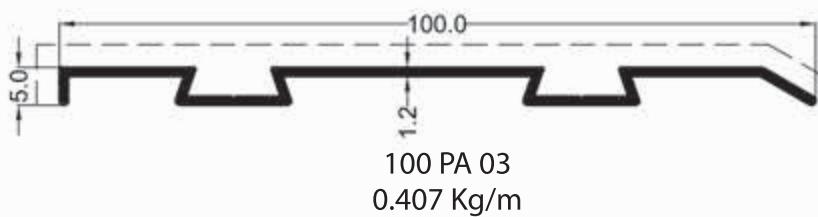
3D ASSEMBLING DETAILS



100 PA 01
1.151 Kg/m



100 PA 02
0.705 Kg/m



100 PA 03
0.407 Kg/m

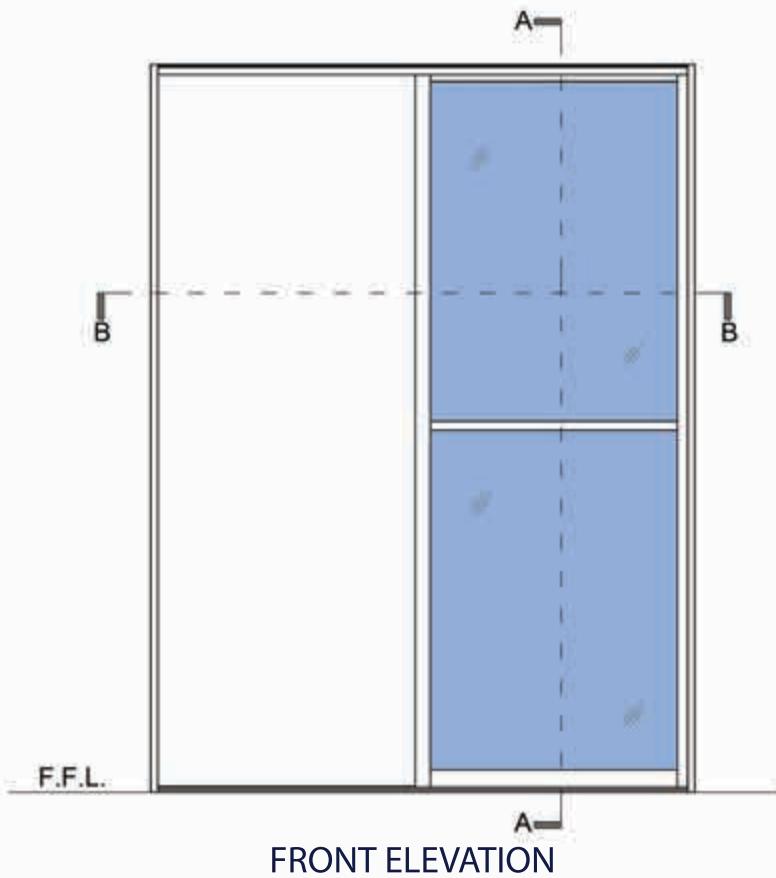
[-----] VISIBLE SURFACE [-----]

PROFILE DIAGRAM WITH MEASUREMENTS

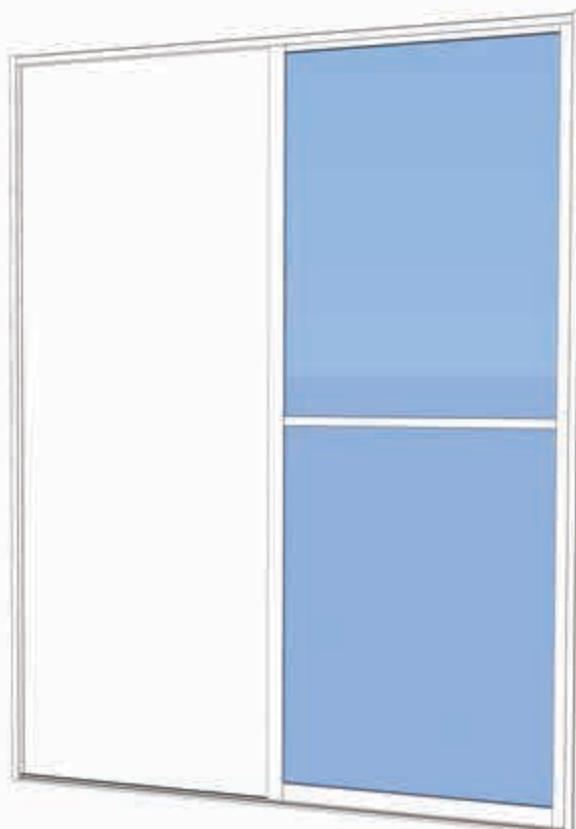
GROUP
12

SLIDING DOOR

- 76mm PROFILE -

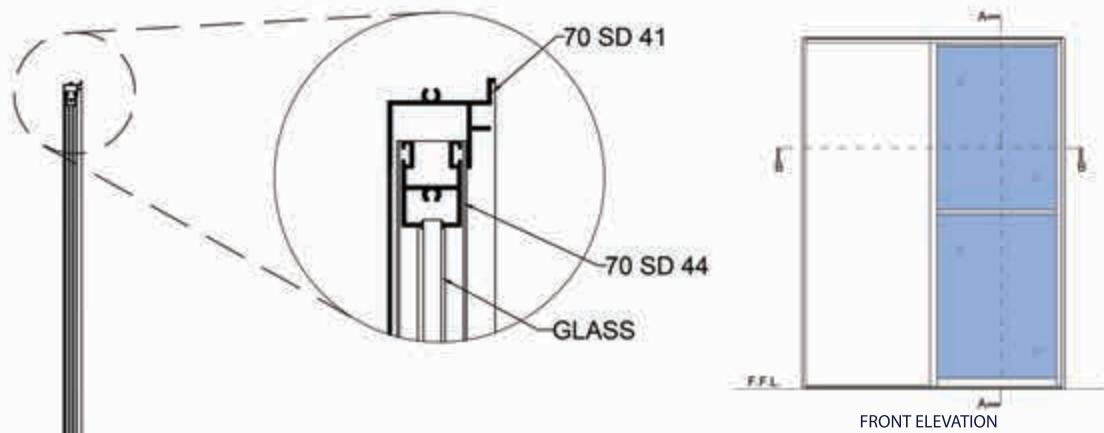


FRONT ELEVATION

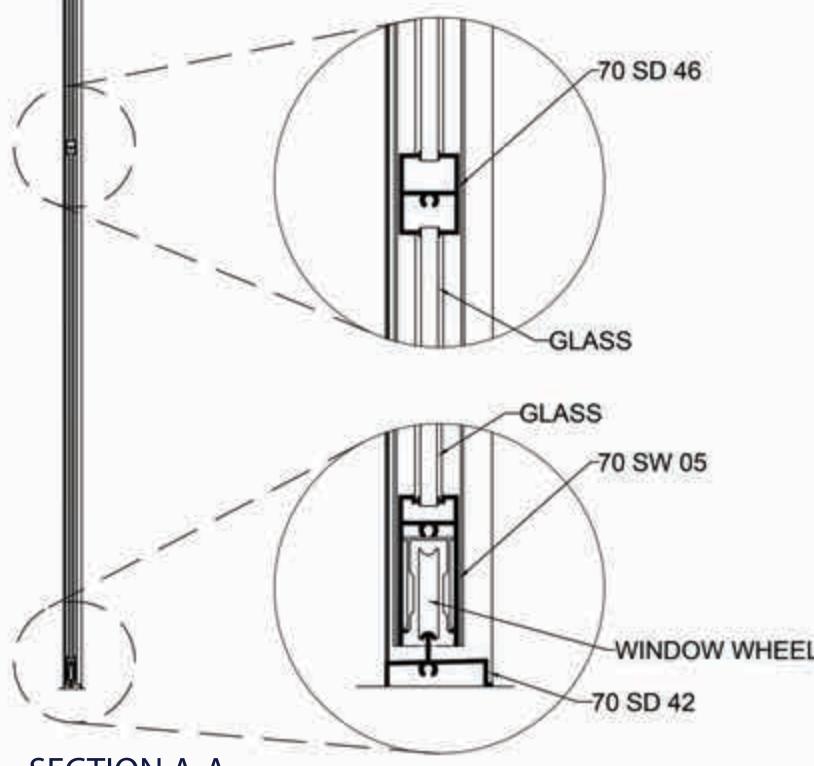


3D VIEW / PERSPECTIVE

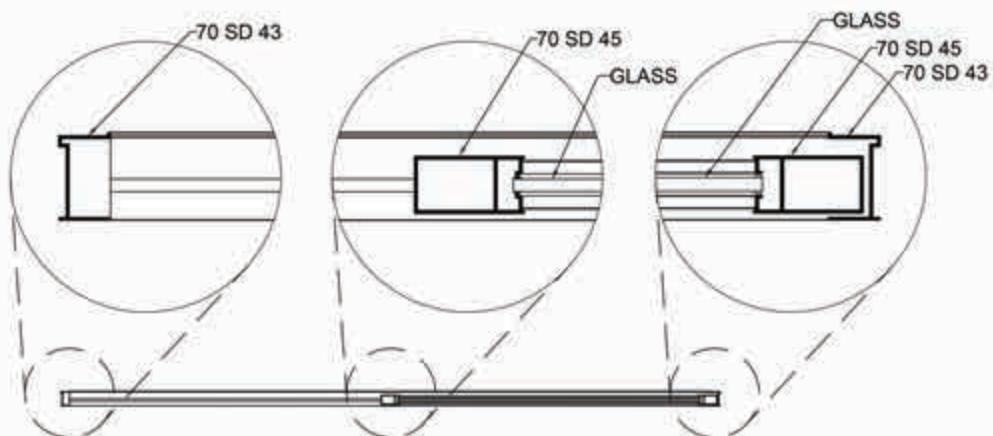
ASSEMBLING DETAILS & SECTIONAL DETAILS



FRONT ELEVATION

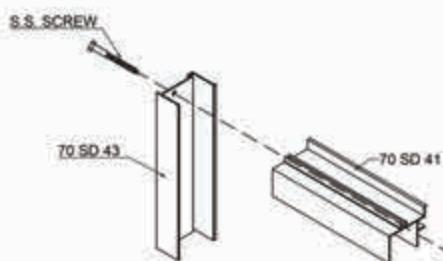


SECTION A-A

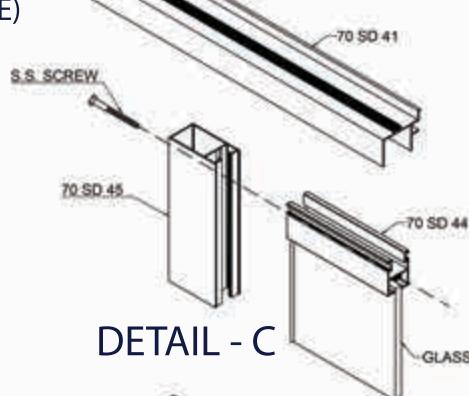
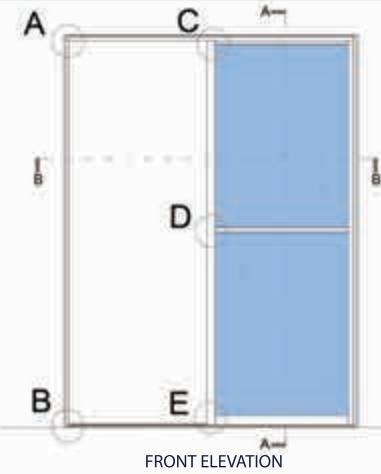


SECTION B-B

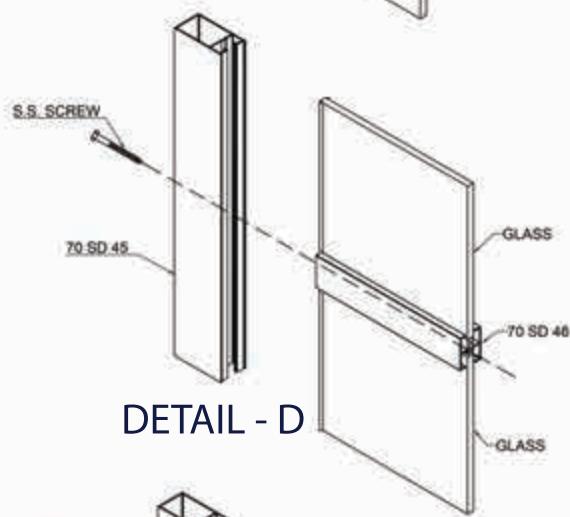
ASSEMBLING DETAILS & SECTIONAL DETAILS



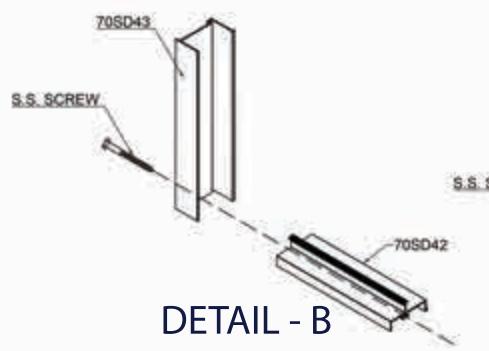
DETAIL - A
(JAMB & TOP RAIL OUTER FRAME)



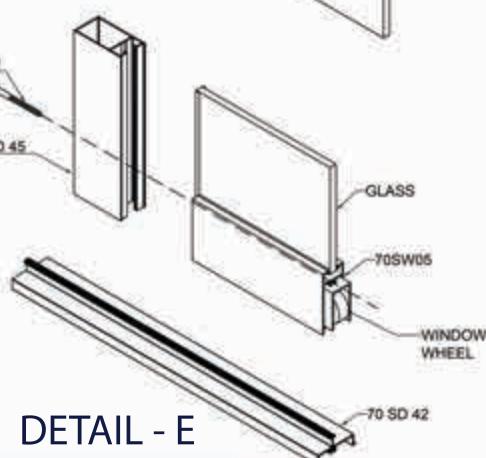
DETAIL - C



DETAIL - D

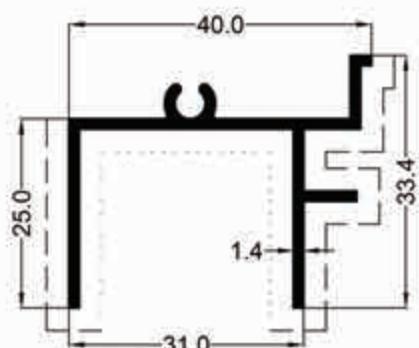
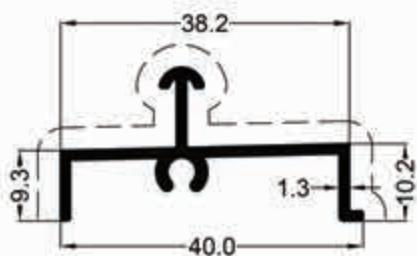
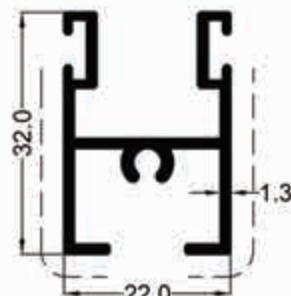
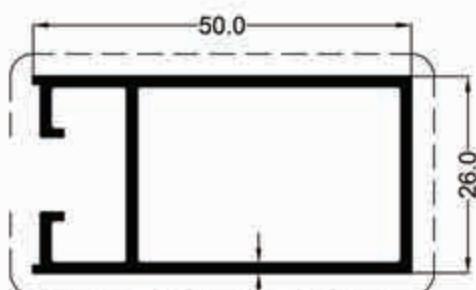
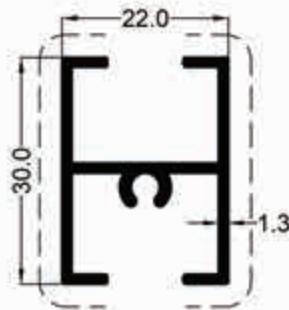


JAMB & BOTTOM RAIL OUTER FRAME



DETAIL - E

3D ASSEMBLING DETAILS

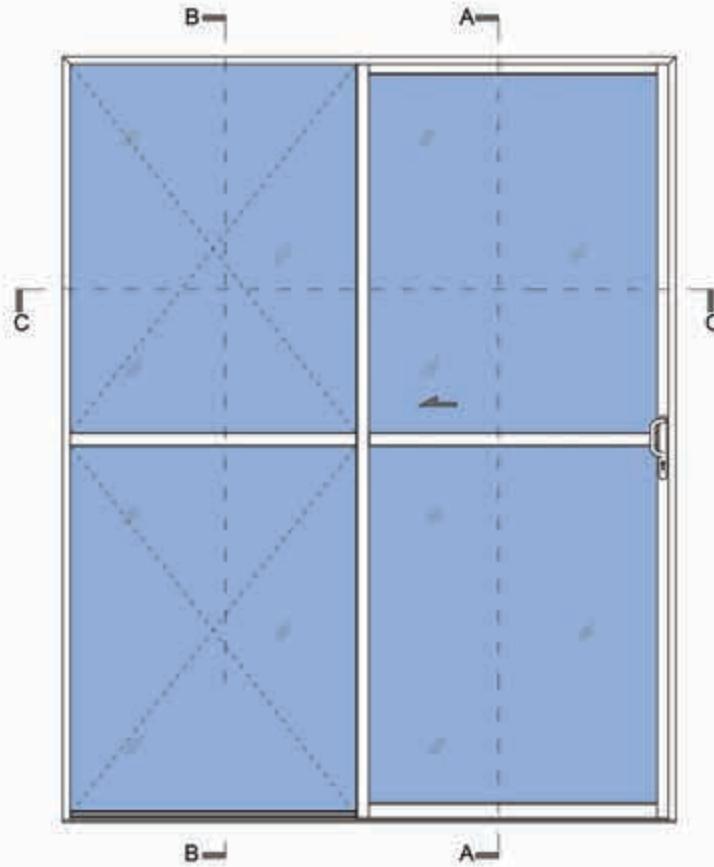
70 SD 41
0.415 Kg/m70 SD 42
0.298 Kg/m70 SD 43
0.312 Kg/m70 SD 44
0.420 Kg/m70 SD 45
0.571 Kg/m70 SD 46
0.382 Kg/m [---] VISIBLE SURFACE [---]

PROFILE DIAGRAM WITH MEASUREMENTS

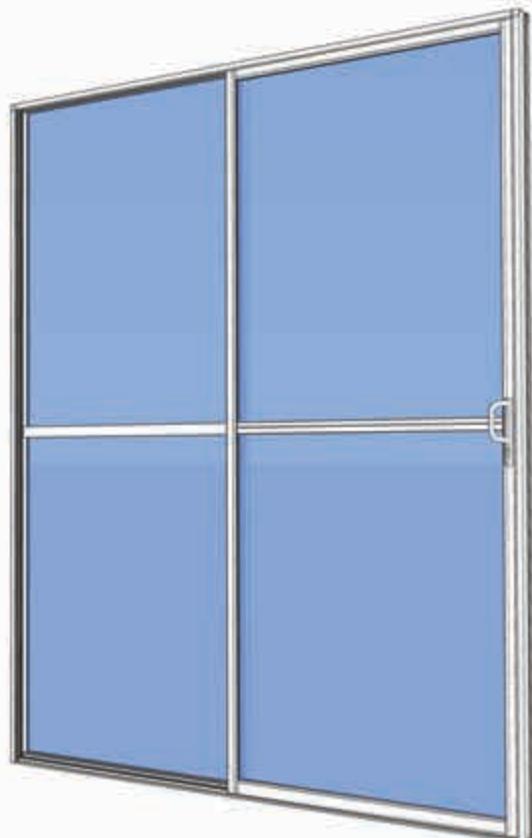
GROUP
13

SLIDING DOOR

- 100mm PROFILE -

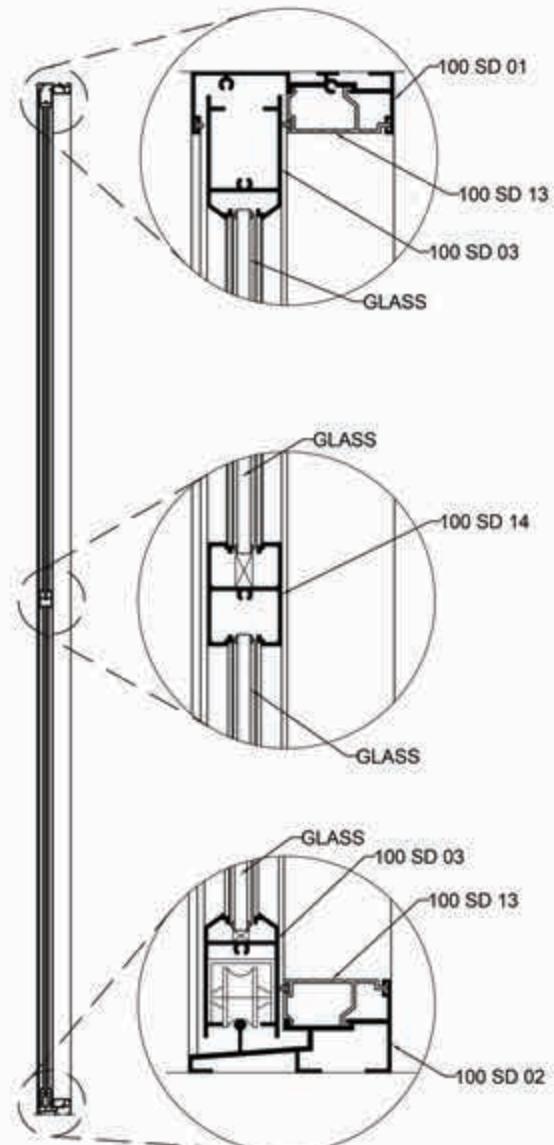


FRONT ELEVATION

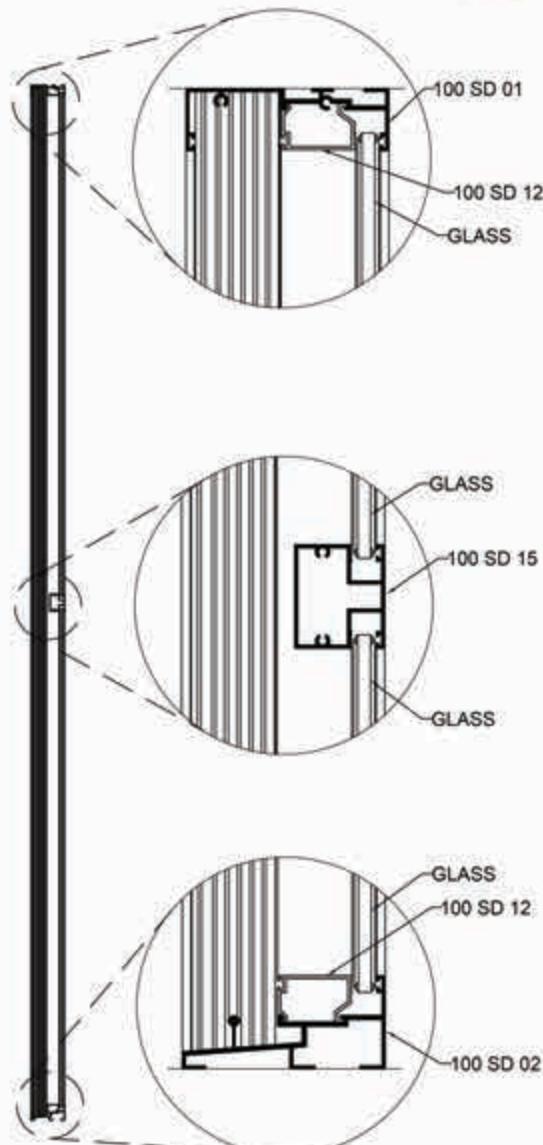


3D VIEW / PERSPECTIVE

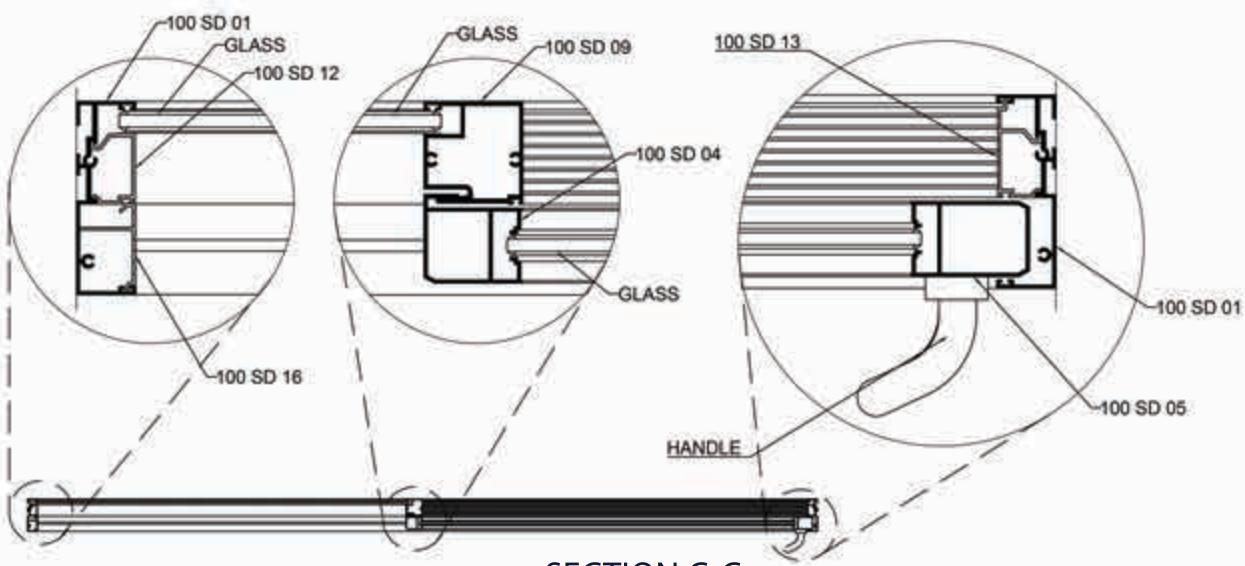
ASSEMBLING DETAILS & SECTIONAL DETAILS



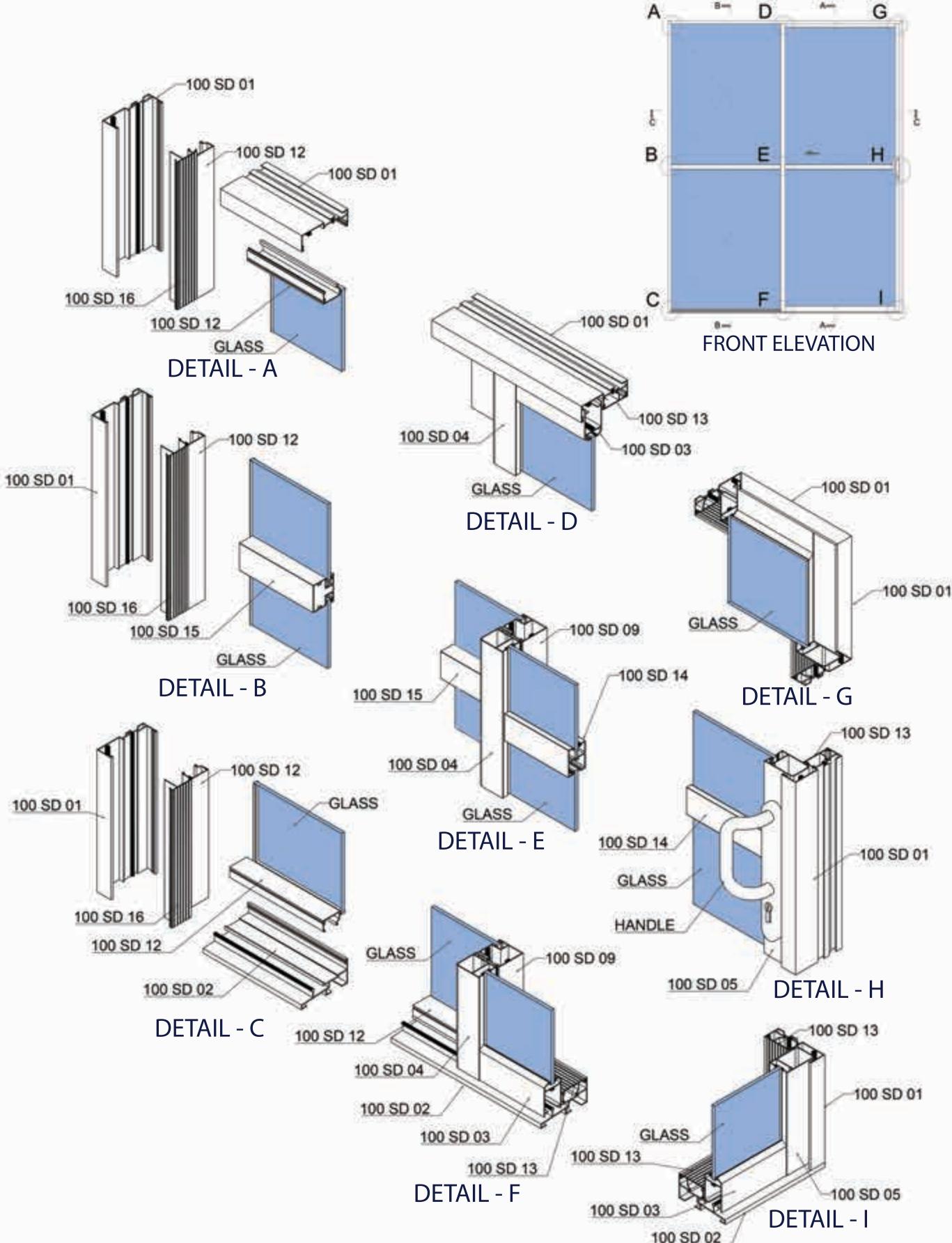
SECTION A-A



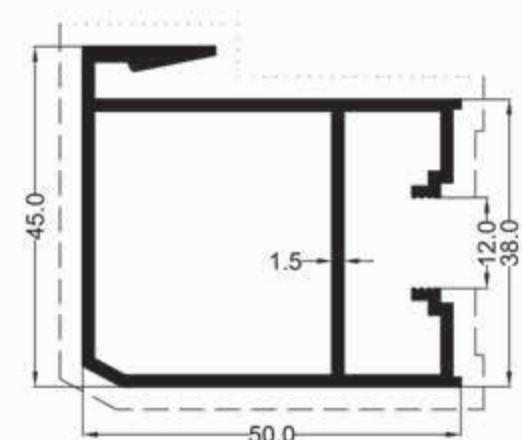
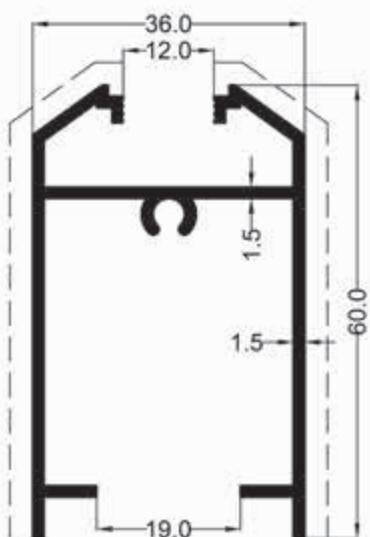
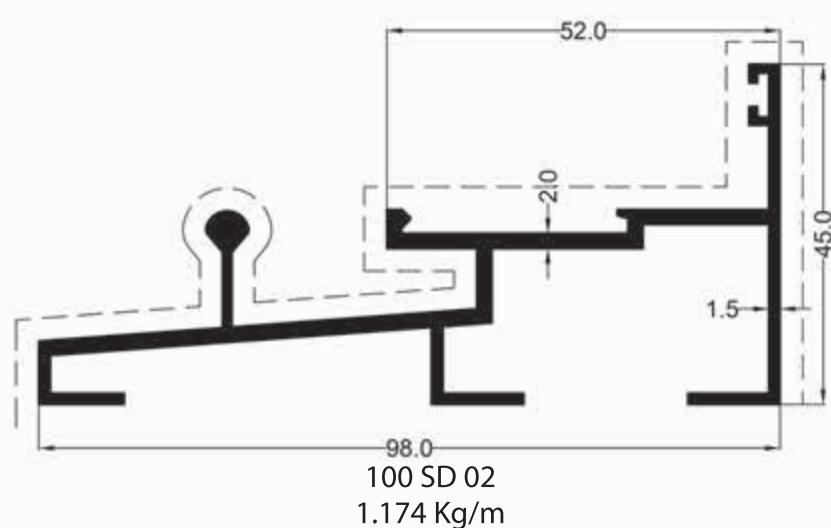
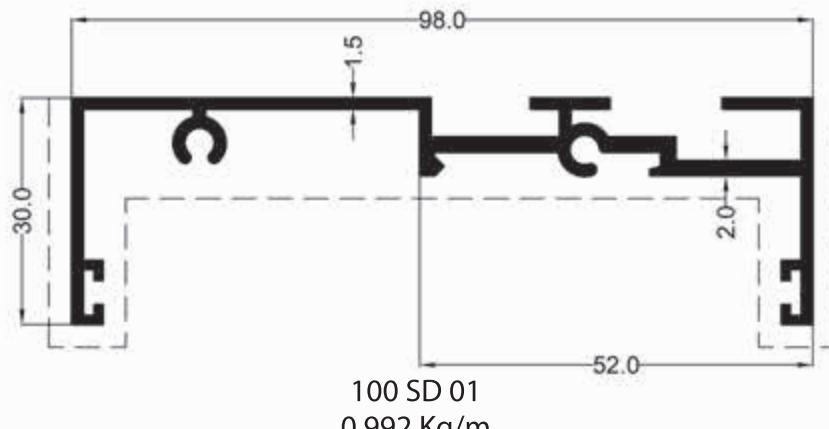
SECTION B-B



ASSEMBLING DETAILS & SECTIONAL DETAILS

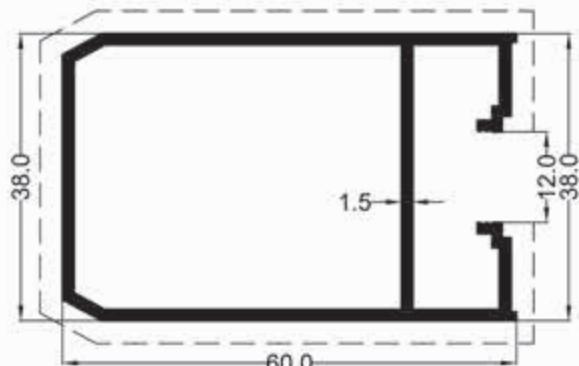


3D ASSEMBLING DETAILS

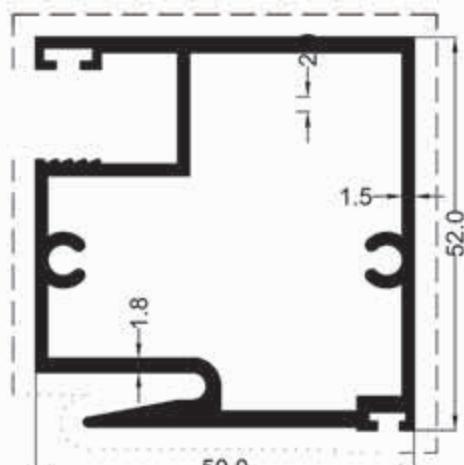


[---] VISIBLE SURFACE [---]

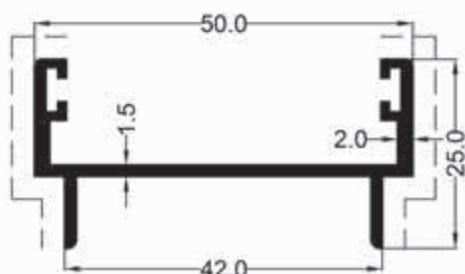
PROFILE DIAGRAM WITH MEASUREMENTS



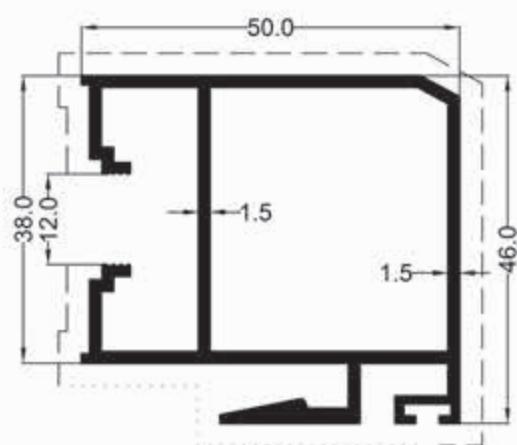
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0.866 Kg/m



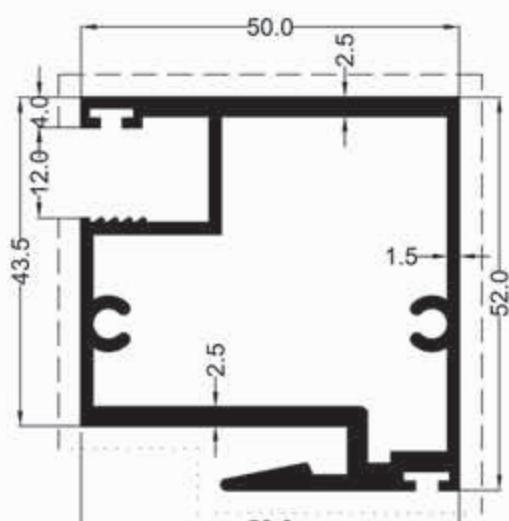
100 SD 06
1.220 Kg/m



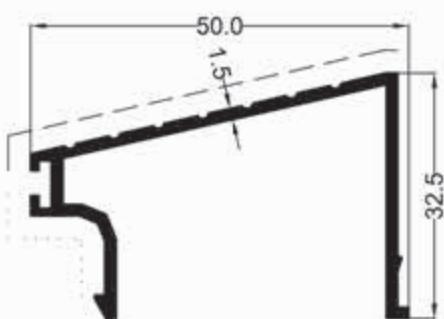
100 SD 07
0.456 Kg/m



100 SD 08
1.002 Kg/m



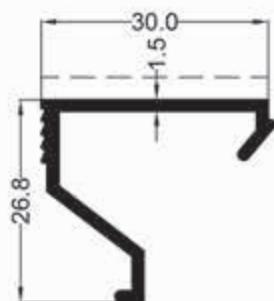
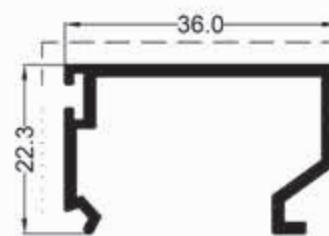
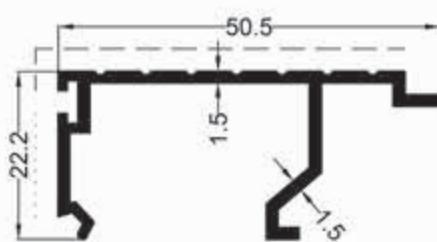
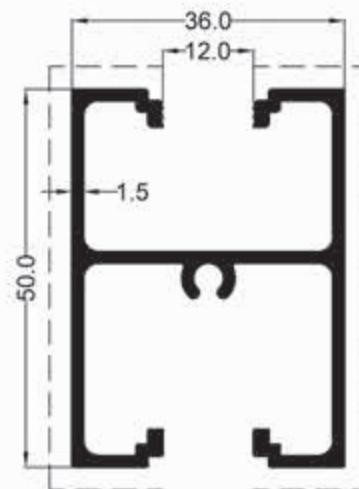
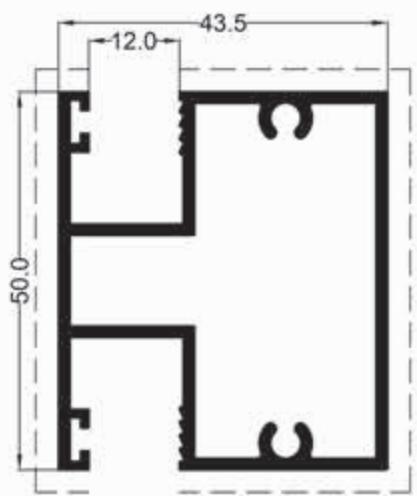
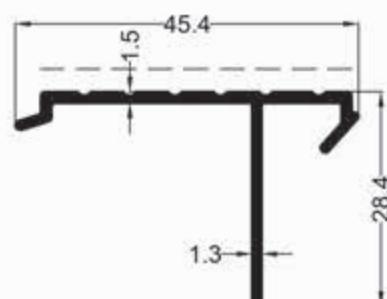
100 SD 09
1.370 Kg/m



100 SD 10
0.453 Kg/m

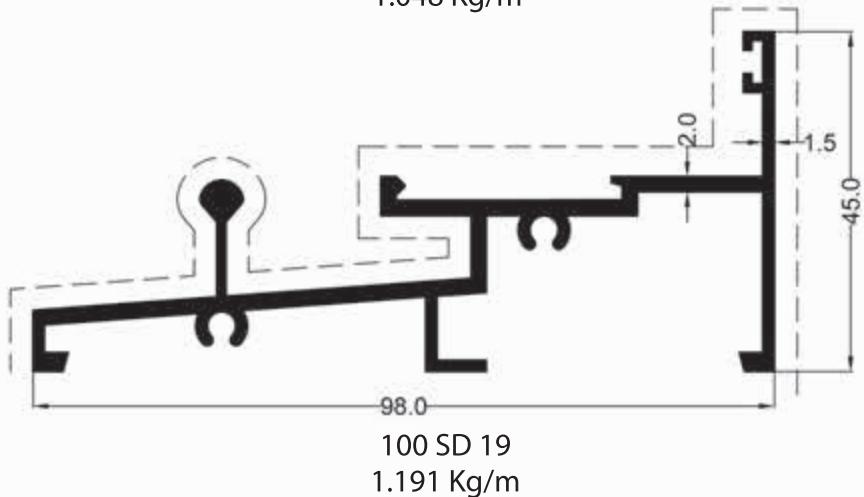
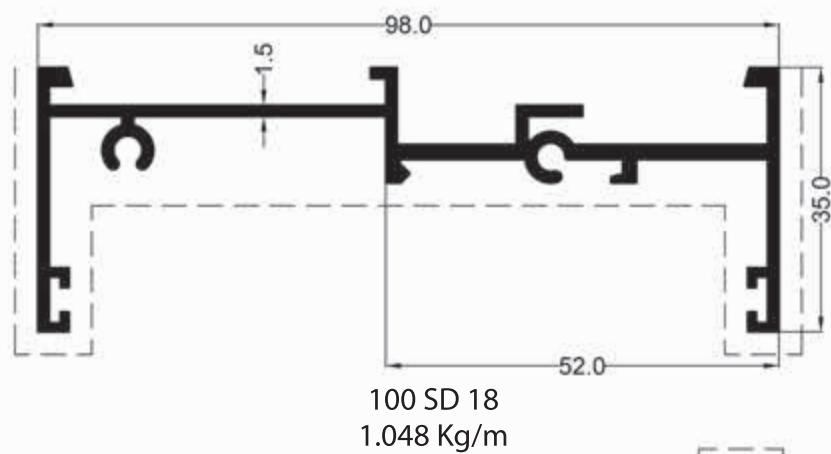
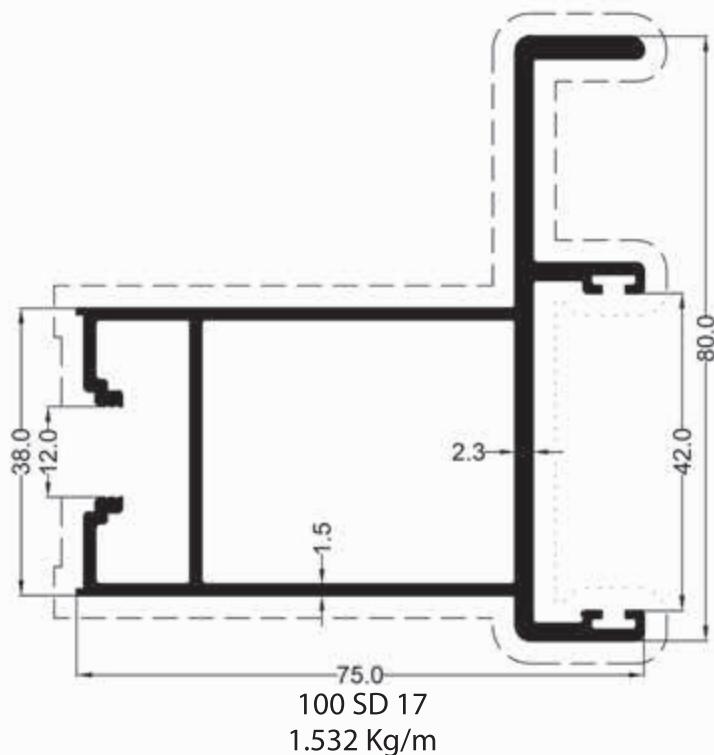
[-----] VISIBLE SURFACE [-----]

PROFILE DIAGRAM WITH MEASUREMENTS

100 SD 11
0.297 Kg/m100 SD 12
0.353 Kg/m100 SD 13
0.417 Kg/m100 SD 14
0.832 Kg/m100 SD 15
1.016 Kg/m100 SD 16
0.304 Kg/m

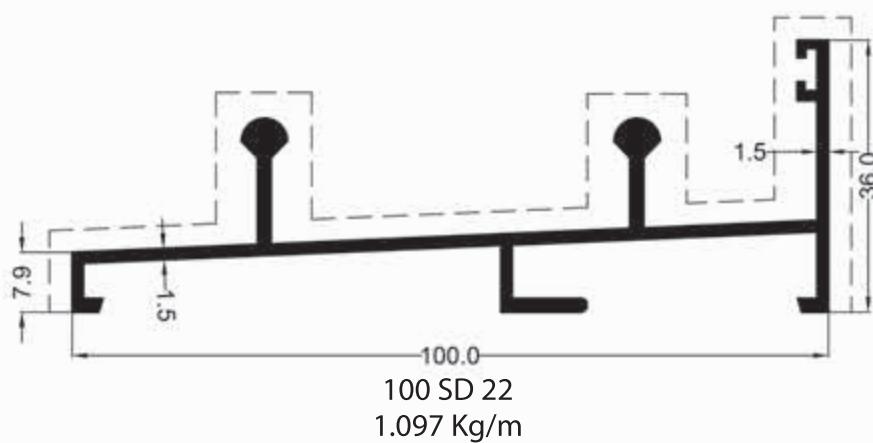
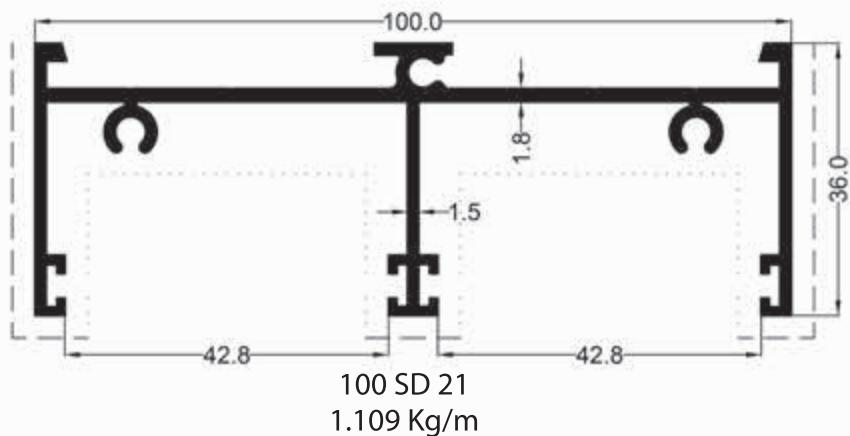
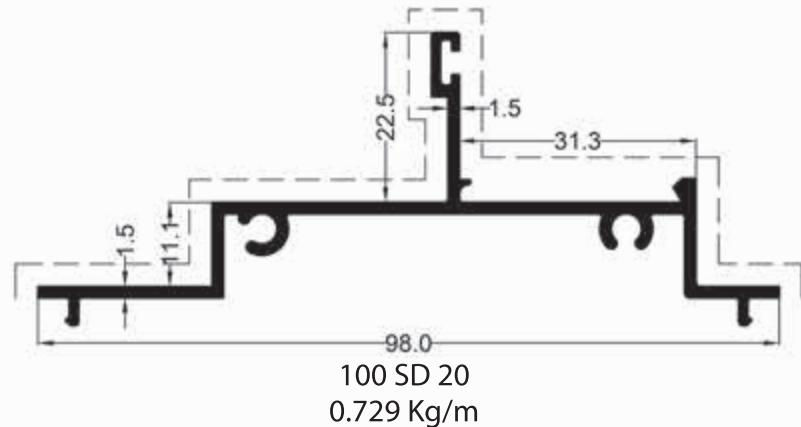
[-----] VISIBLE SURFACE [-----]

PROFILE DIAGRAM WITH MEASUREMENTS



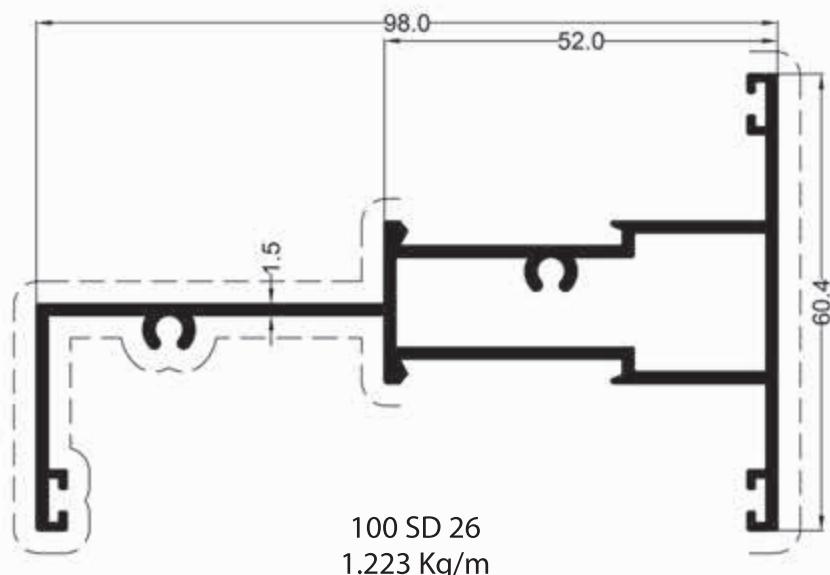
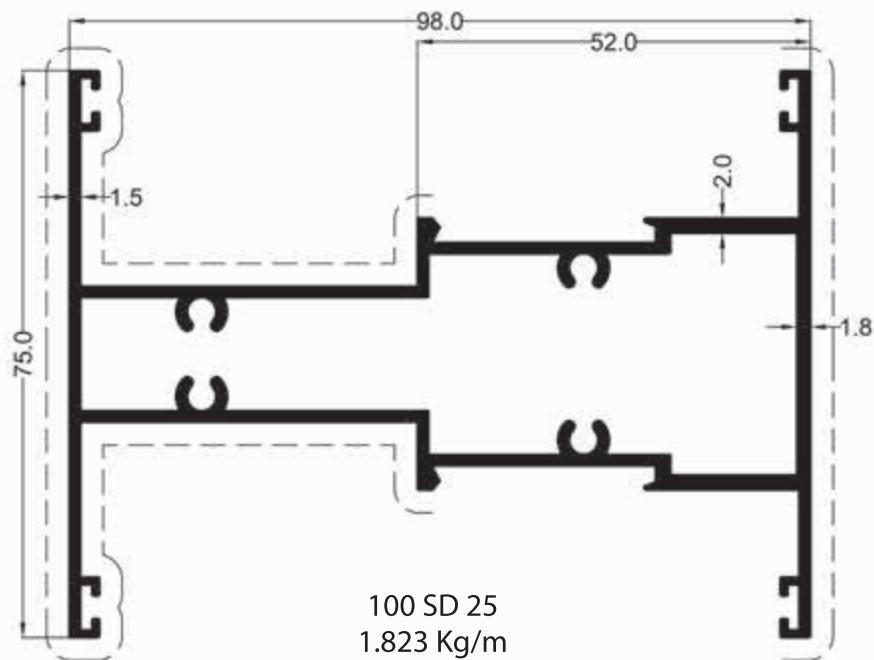
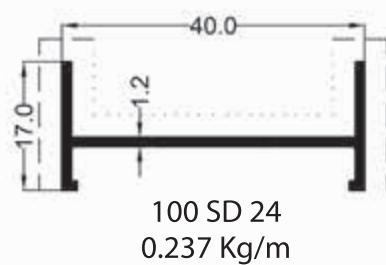
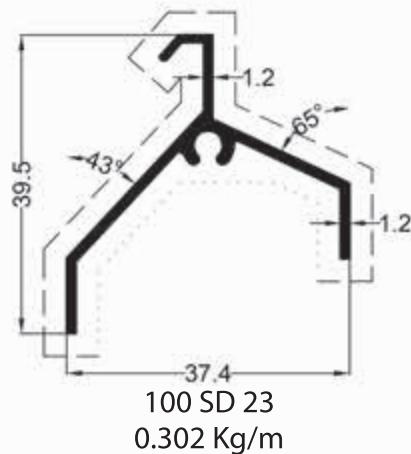
[-----] VISIBLE SURFACE [-----]

PROFILE DIAGRAM WITH MEASUREMENTS



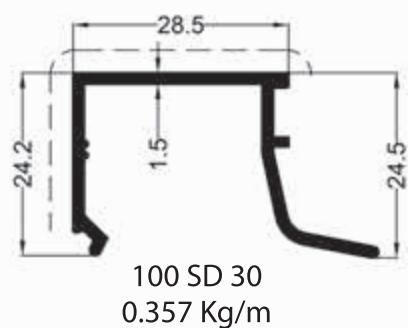
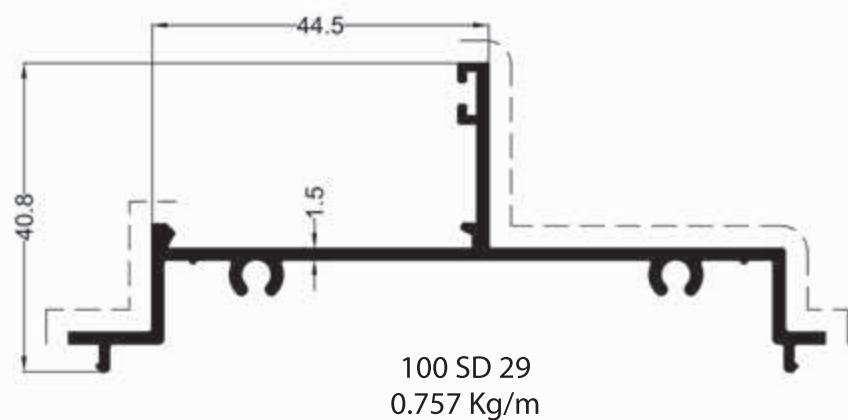
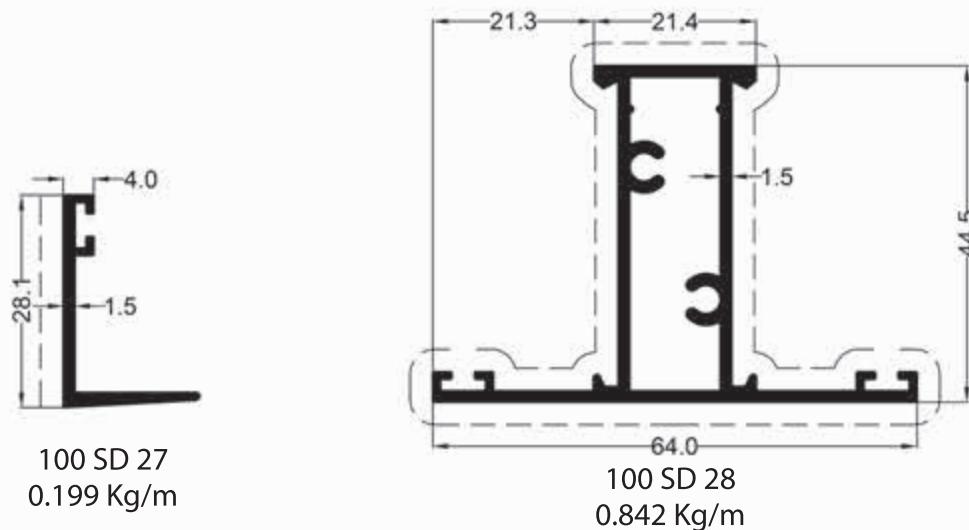
[-----] VISIBLE SURFACE [-----]

PROFILE DIAGRAM WITH MEASUREMENTS



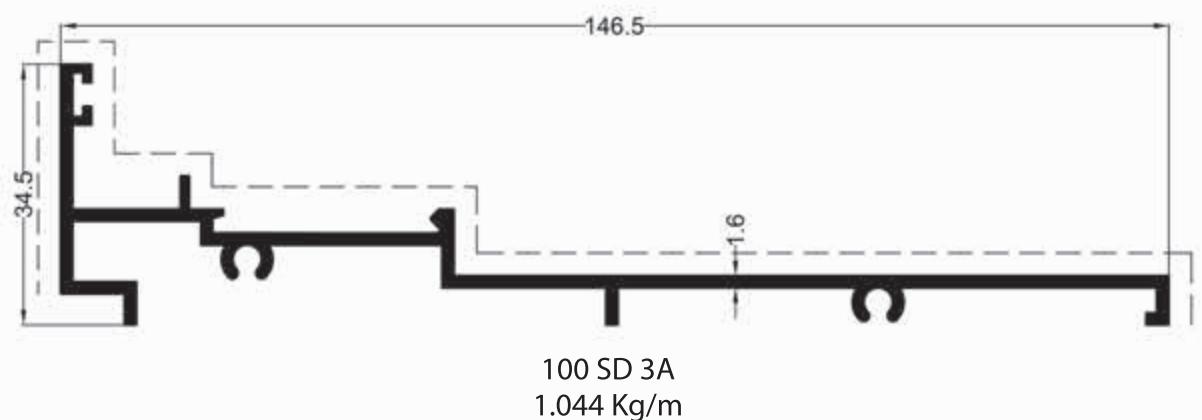
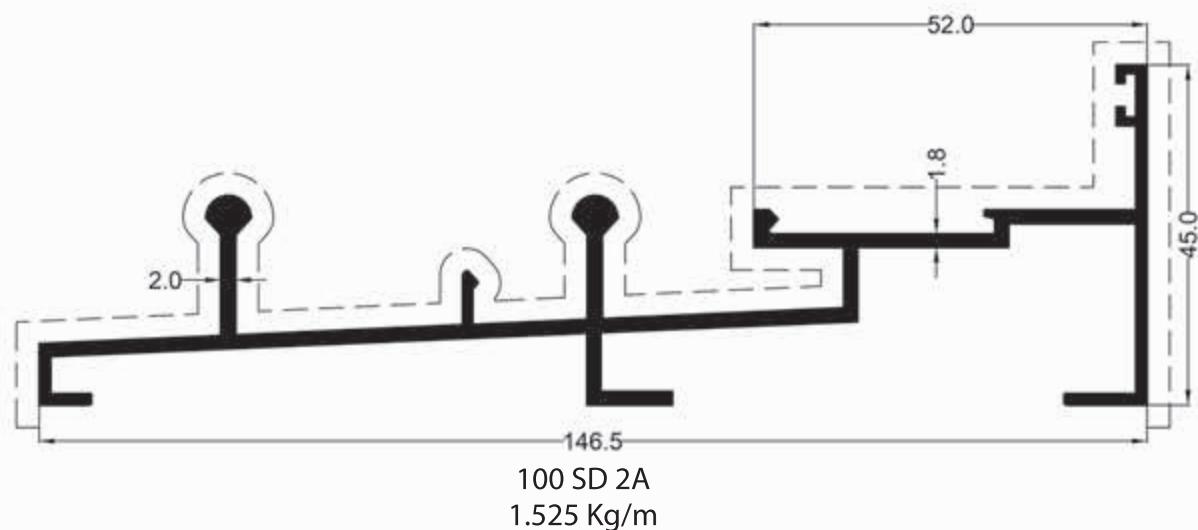
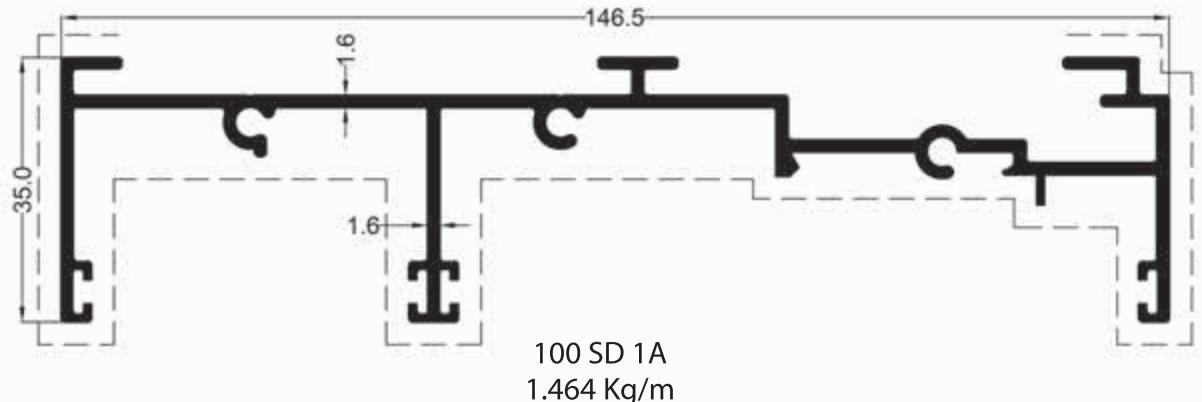
[-----] VISIBLE SURFACE [-----]

PROFILE DIAGRAM WITH MEASUREMENTS



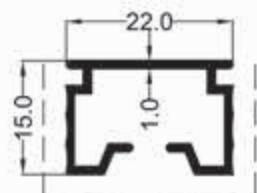
[----- VISIBLE SURFACE -----]

PROFILE DIAGRAM WITH MEASUREMENTS

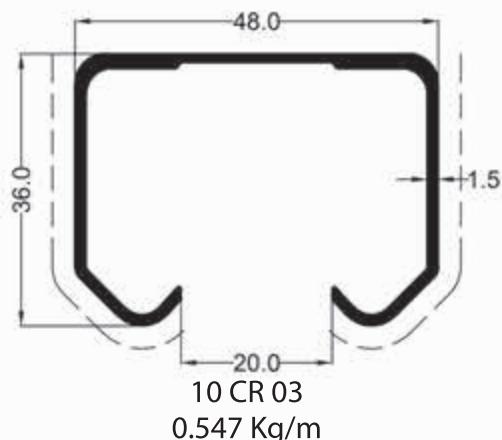


[-----] VISIBLE SURFACE [-----]

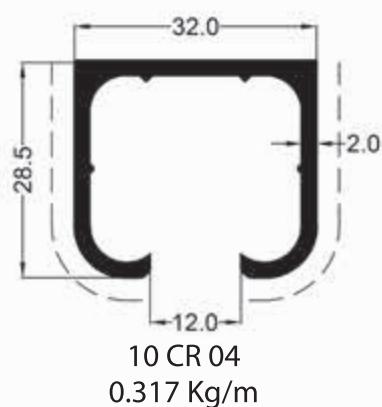
PROFILE DIAGRAM WITH MEASUREMENTS



10 CR 02
0.191 Kg/m



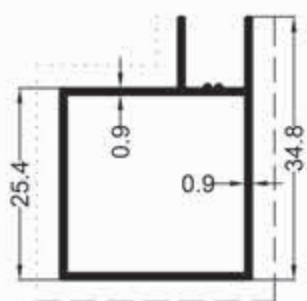
10 CR 03
0.547 Kg/m



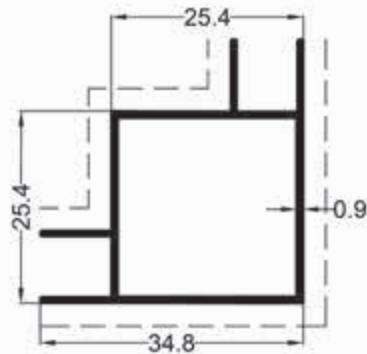
10 CR 04
0.317 Kg/m

[-----] VISIBLE SURFACE [-----]

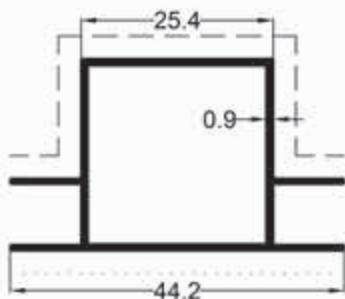
PROFILE DIAGRAM WITH MEASUREMENTS



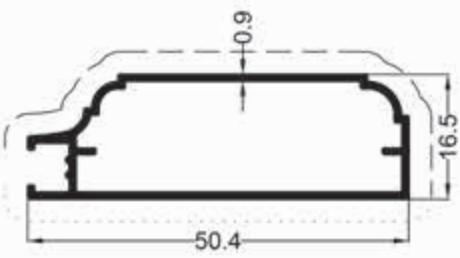
10 PC 01
0.286 Kg/m



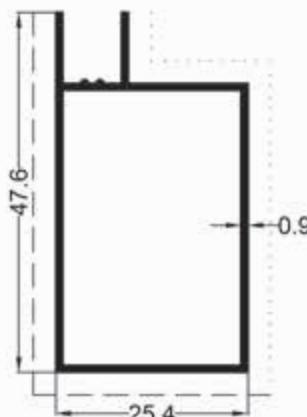
10 PC 02
0.319 Kg/m



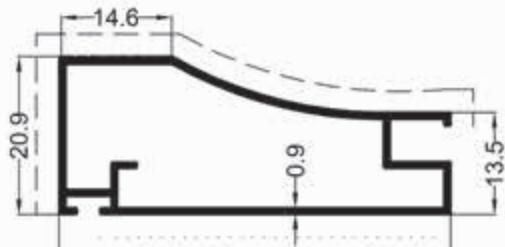
10 PC 03
0.319 Kg/m



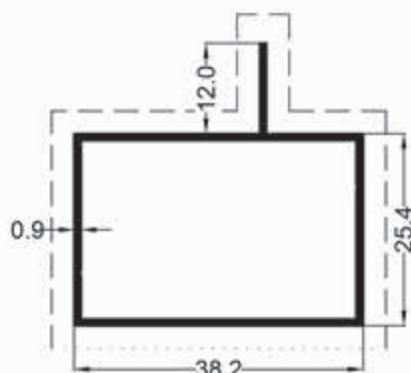
10 PC 04
0.327 Kg/m



10 PC 05
0.348 Kg/m



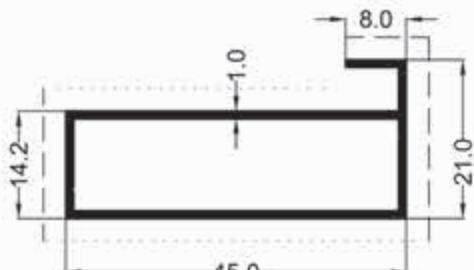
10 PC 06
0.382 Kg/m



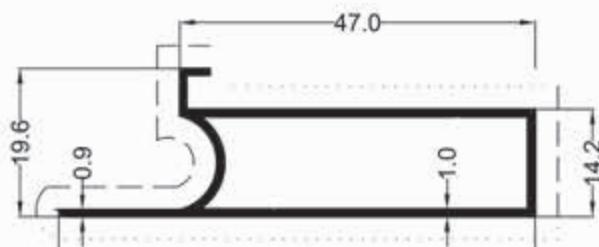
10 PC 07
0.329 Kg/m

[----- VISIBLE SURFACE]

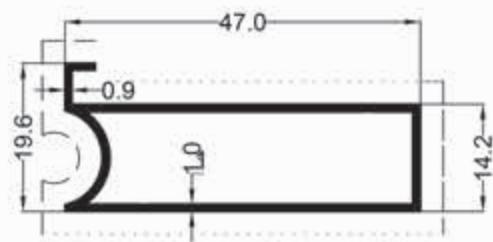
PROFILE DIAGRAM WITH MEASUREMENTS



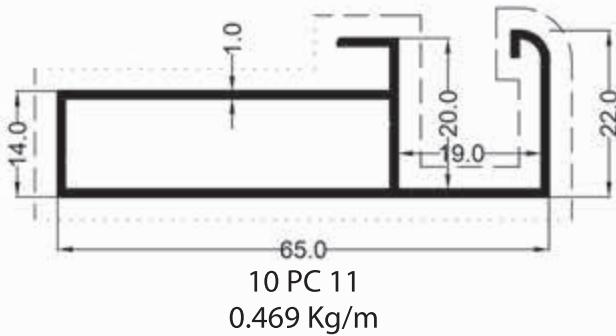
10 PC 08
0.346 Kg/m



10 PC 09
0.386 Kg/m



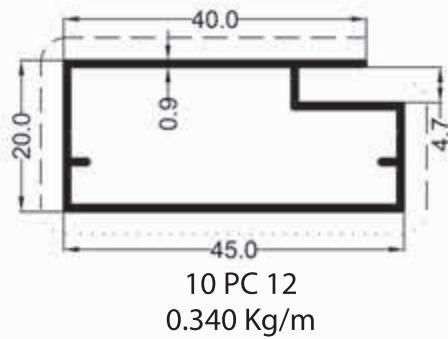
10 PC 10
0.348 Kg/m



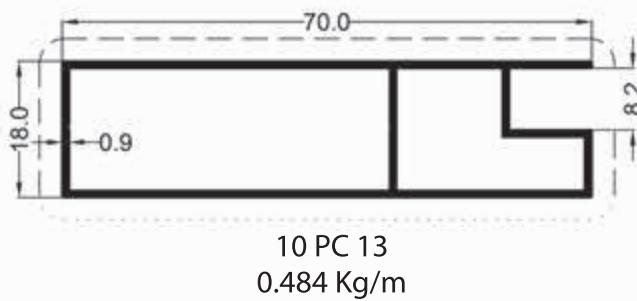
10 PC 11
0.469 Kg/m

[----- VISIBLE SURFACE -----]

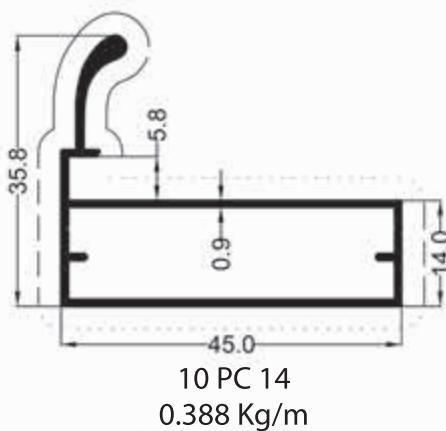
PROFILE DIAGRAM WITH MEASUREMENTS



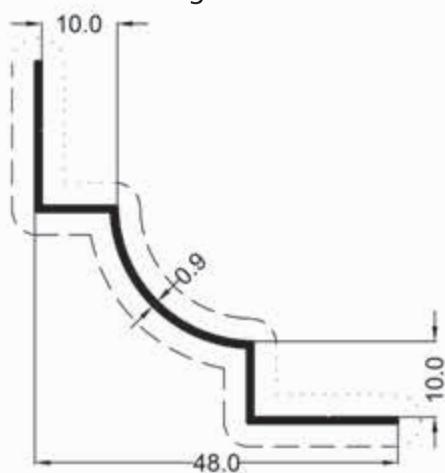
10 PC 12
0.340 Kg/m



10 PC 13
0.484 Kg/m



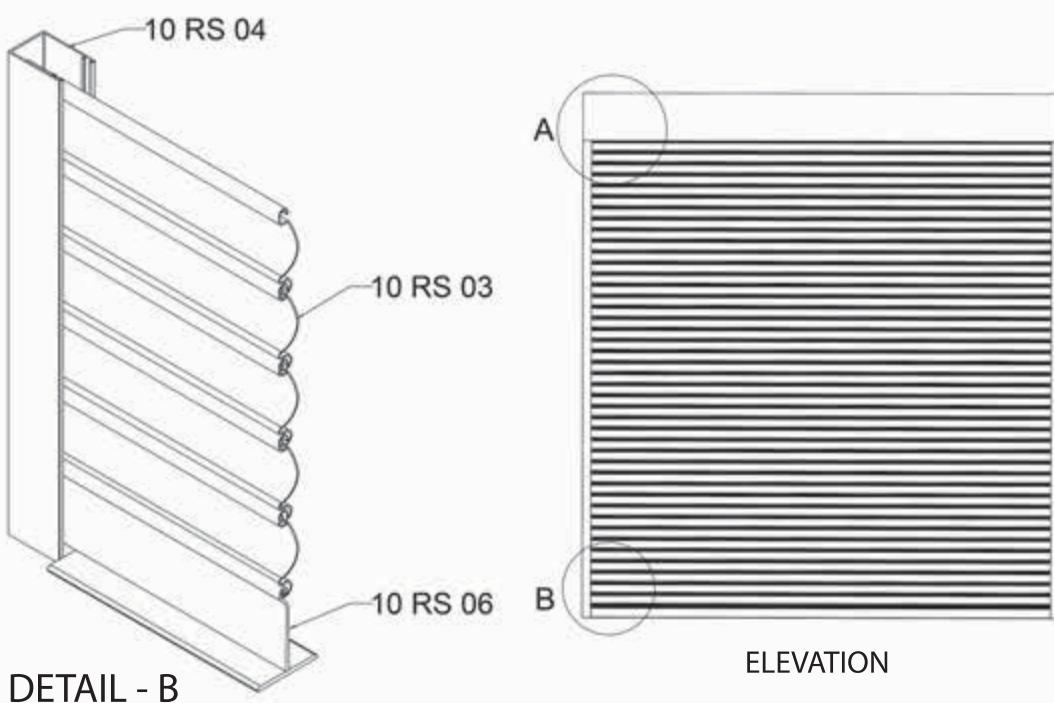
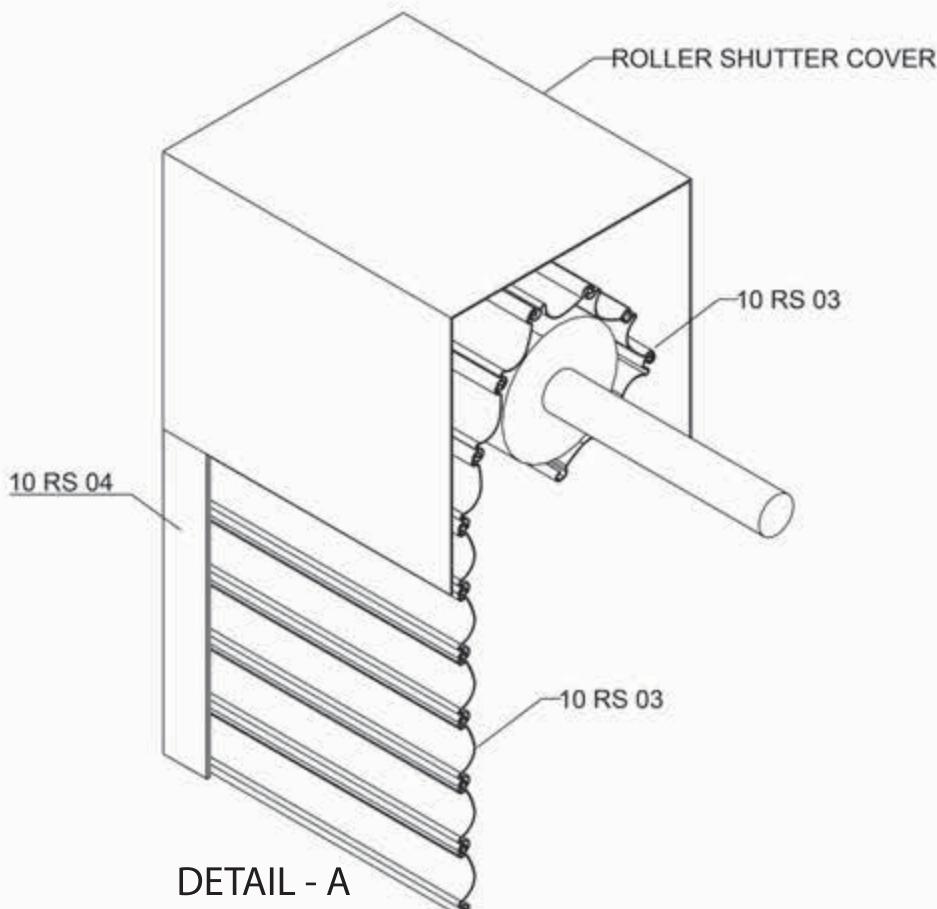
10 PC 14
0.388 Kg/m



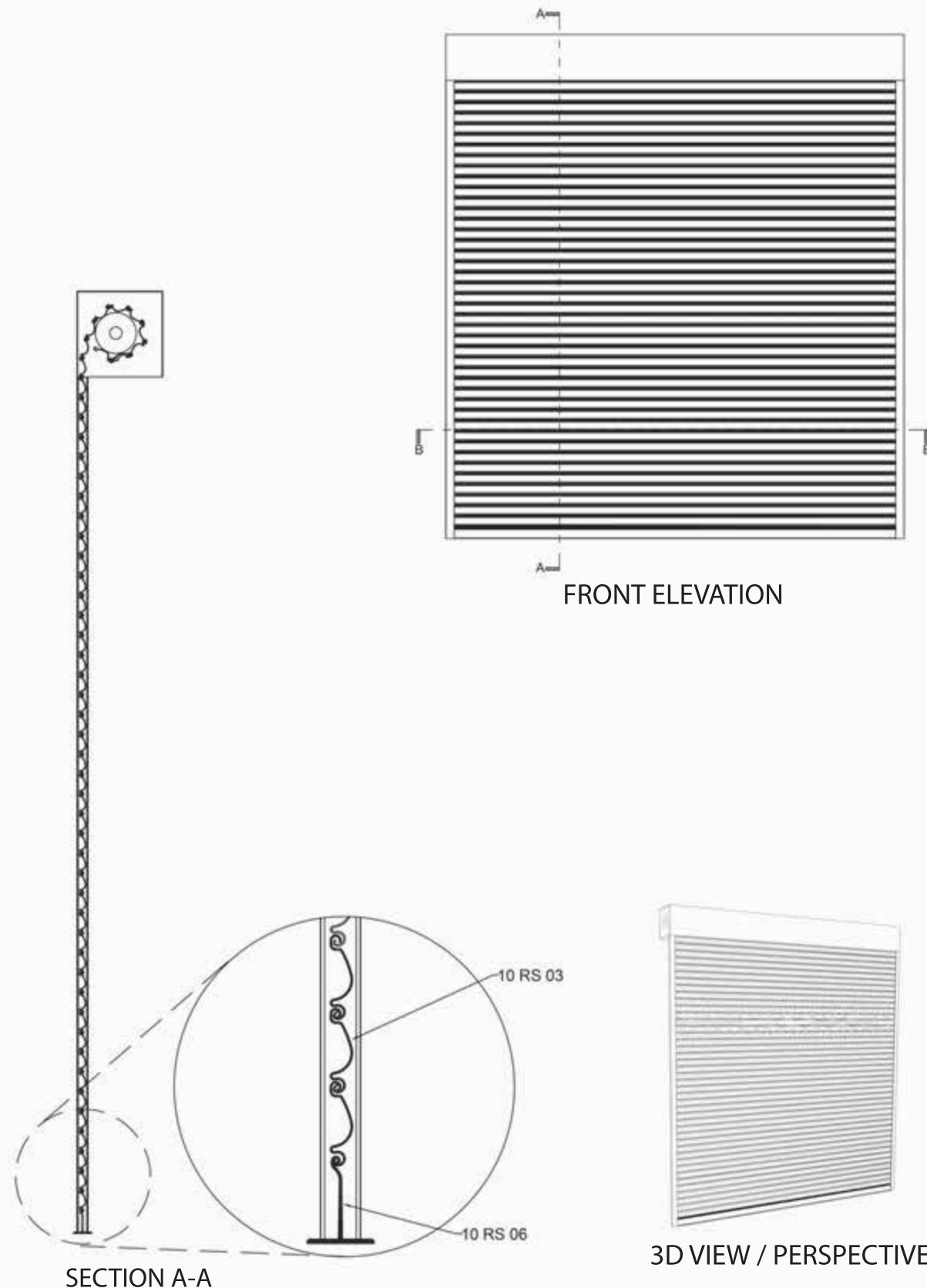
10 PC 15
0.212 Kg/m

[-----] VISIBLE SURFACE [-----]

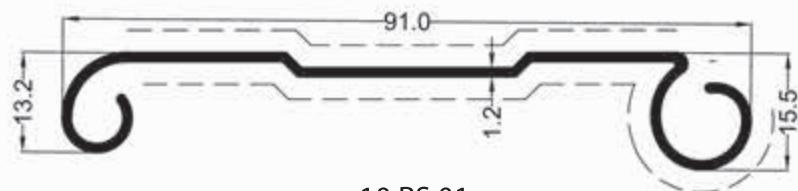
PROFILE DIAGRAM WITH MEASUREMENTS



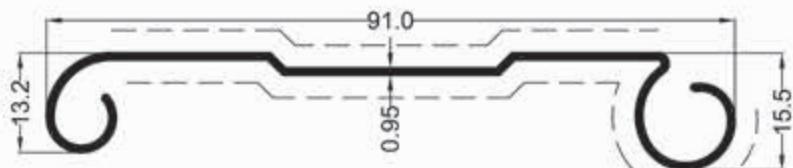
3D ASSEMBLING DETAILS



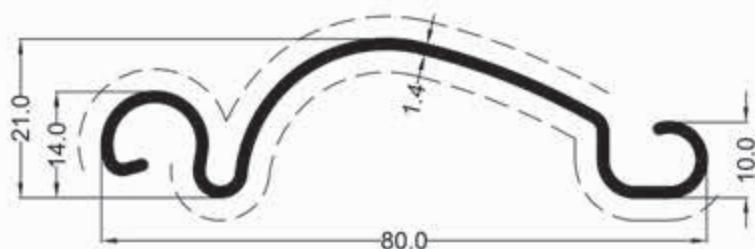
ASSEMBLING DETAILS & SECTIONAL DETAILS



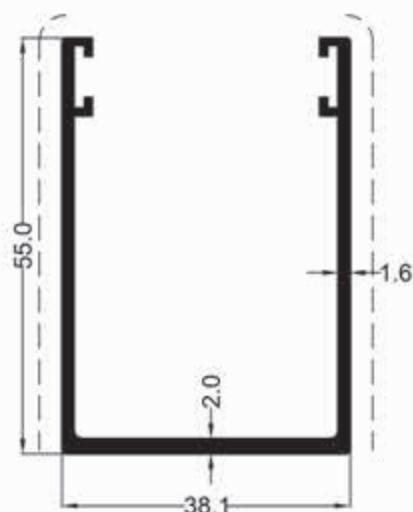
10 RS 01
0.430 Kg/m



10 RS 02
0.362 Kg/m



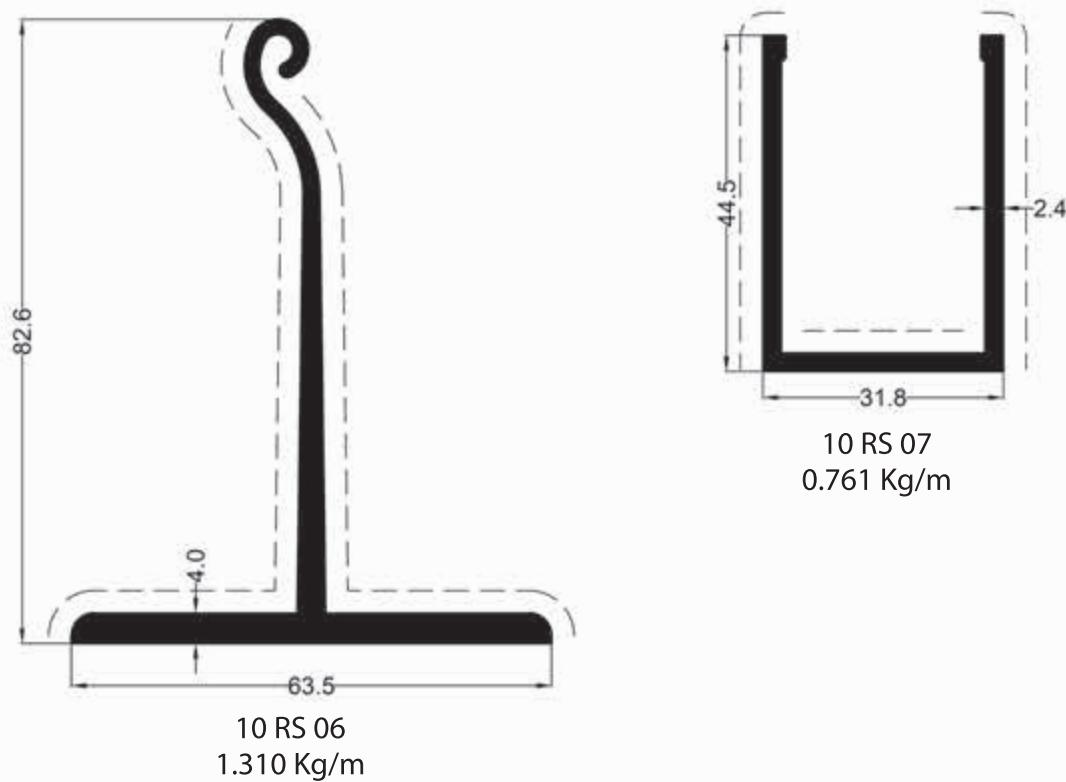
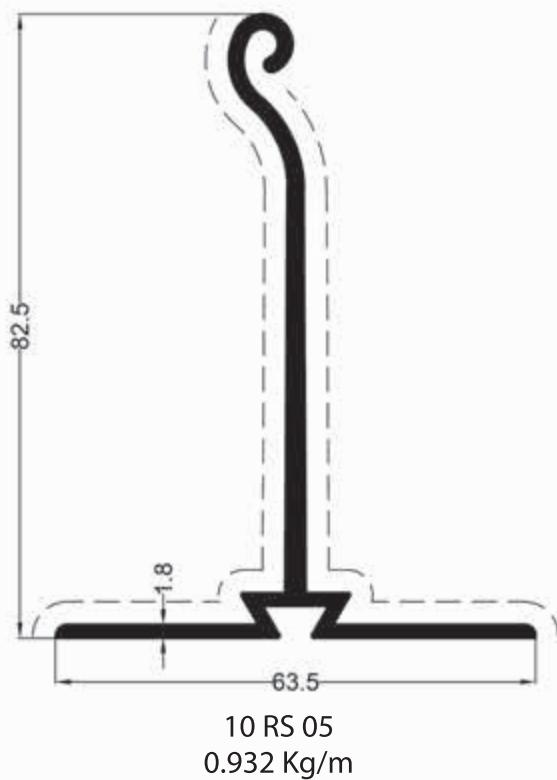
10 RS 03
0.493 Kg/m



10 RS 04
0.707 Kg/m

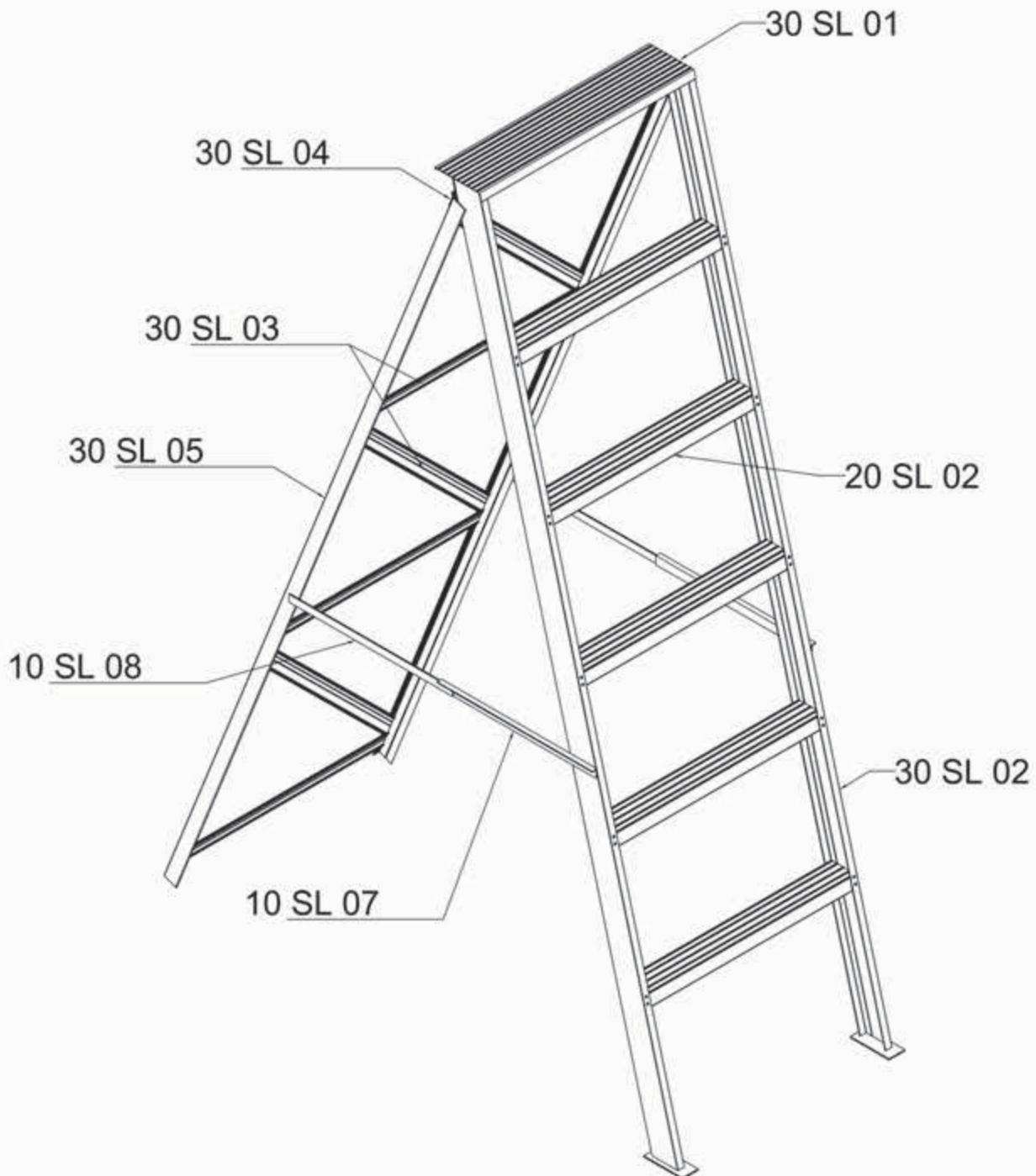
[-----] VISIBLE SURFACE [-----]

PROFILE DIAGRAM WITH MEASUREMENTS



[-----] VISIBLE SURFACE [-----]

PROFILE DIAGRAM WITH MEASUREMENTS

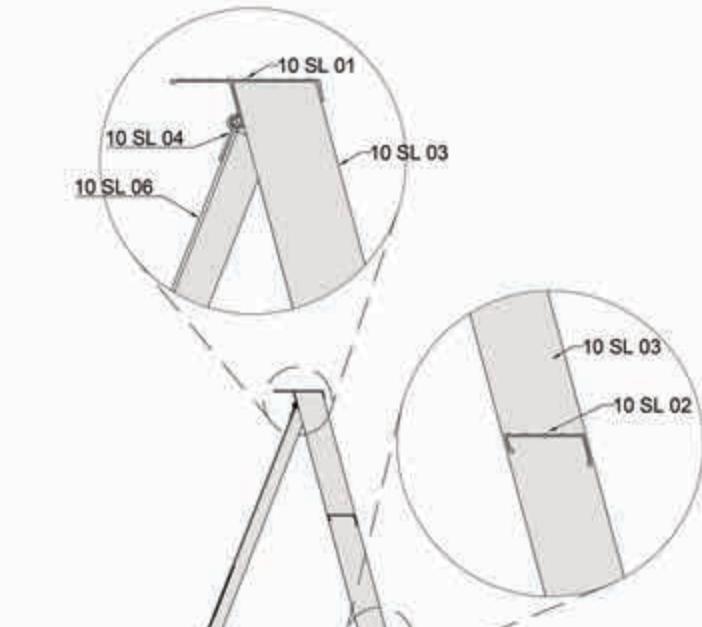


300 SERIES ASSEMBLING DETAIS

ASSEMBLING DETAILS & SECTIONAL DETAILS



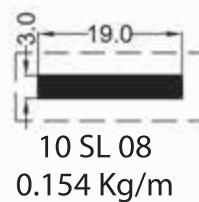
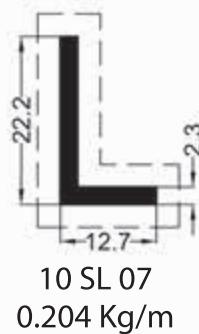
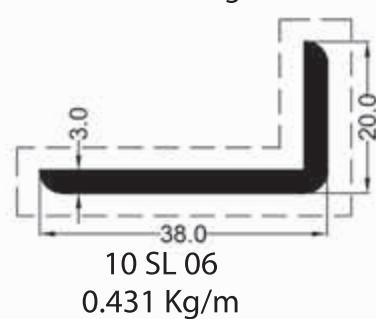
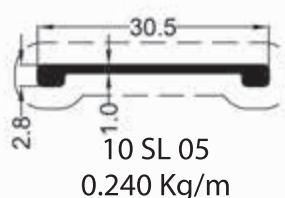
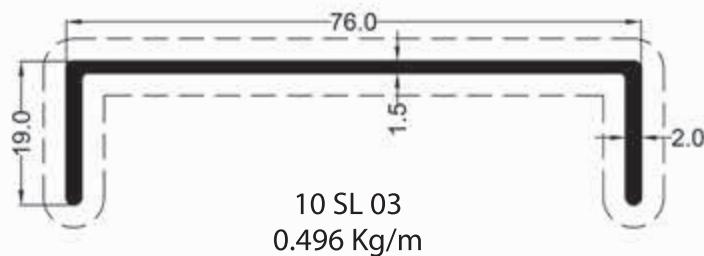
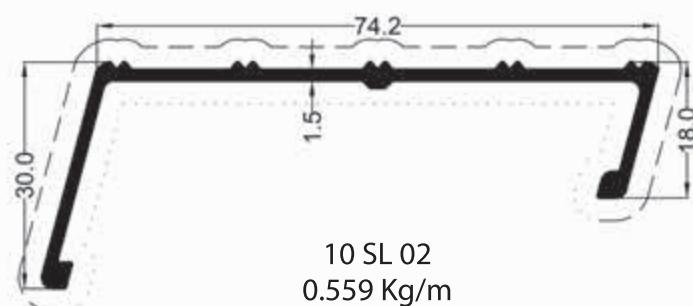
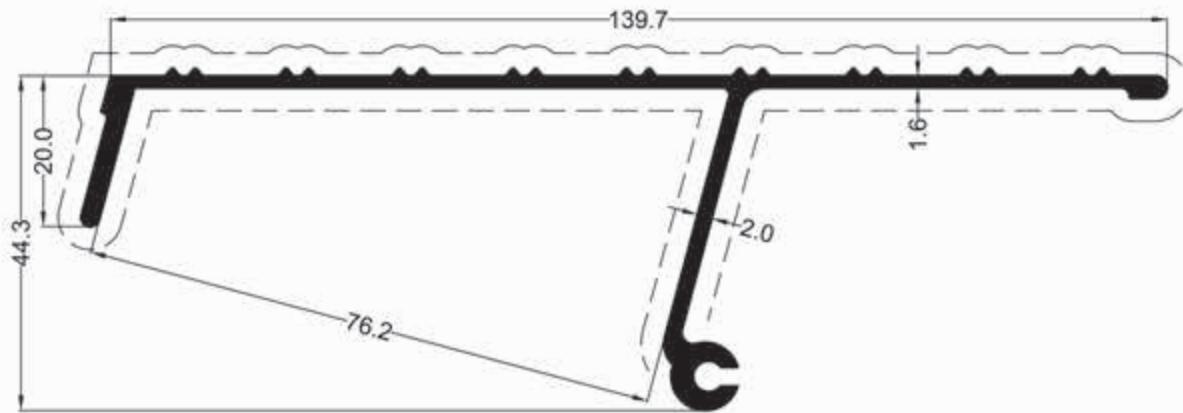
3D VIEW/ PERSPECTIVE



CROSS SECTION

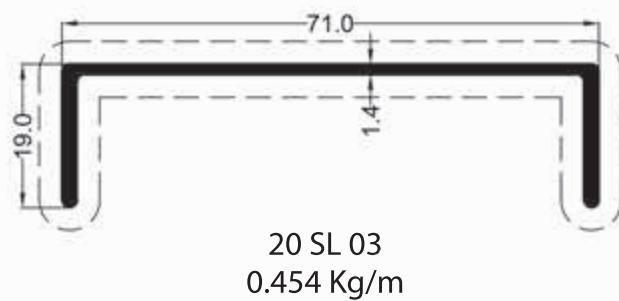
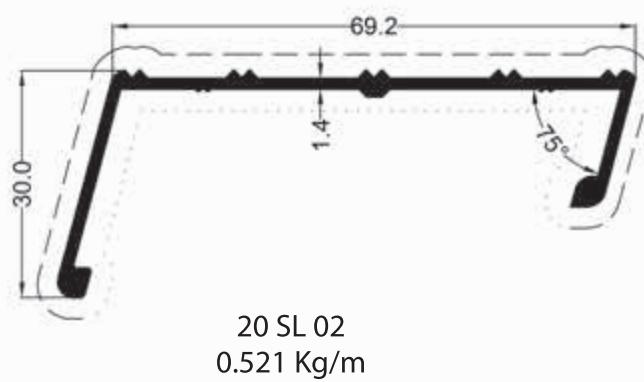
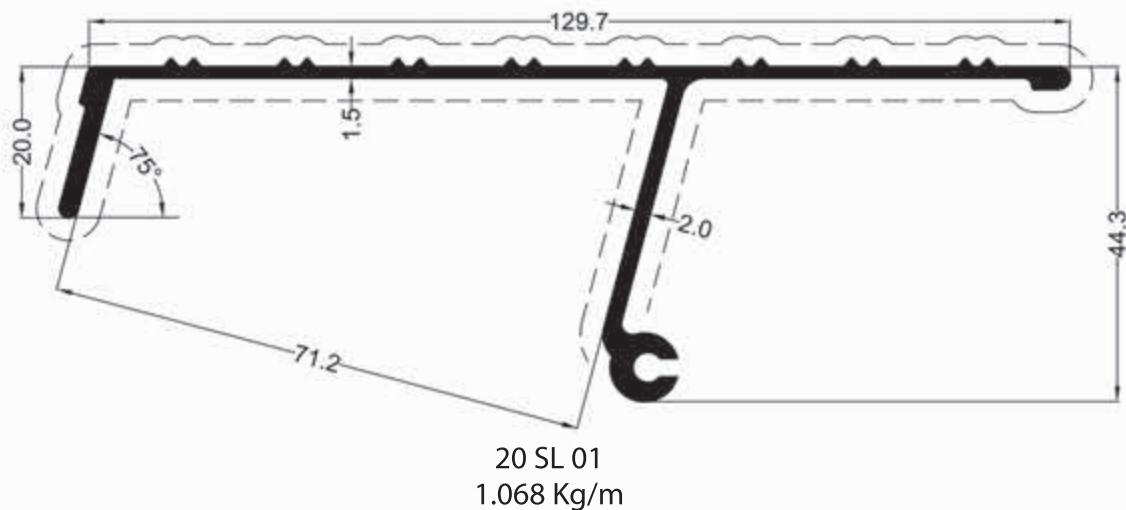
100 SERIES ASSEMBLING DETAILS

ASSEMBLING DETAILS & SECTIONAL DETAILS



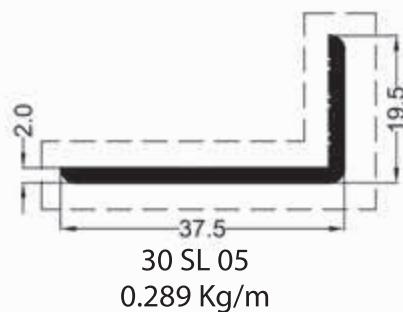
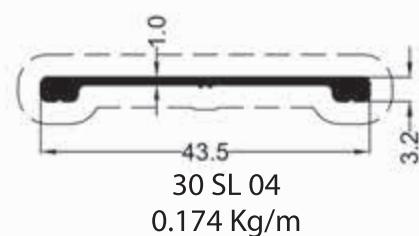
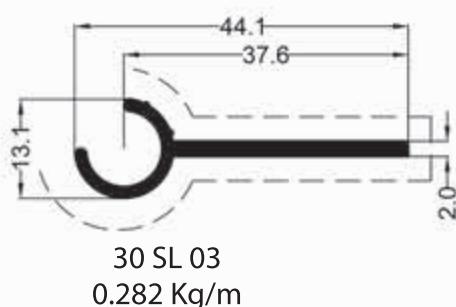
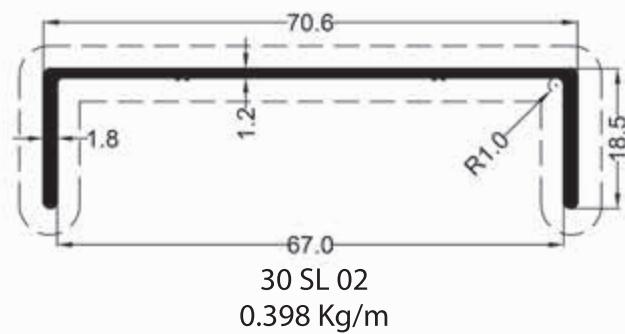
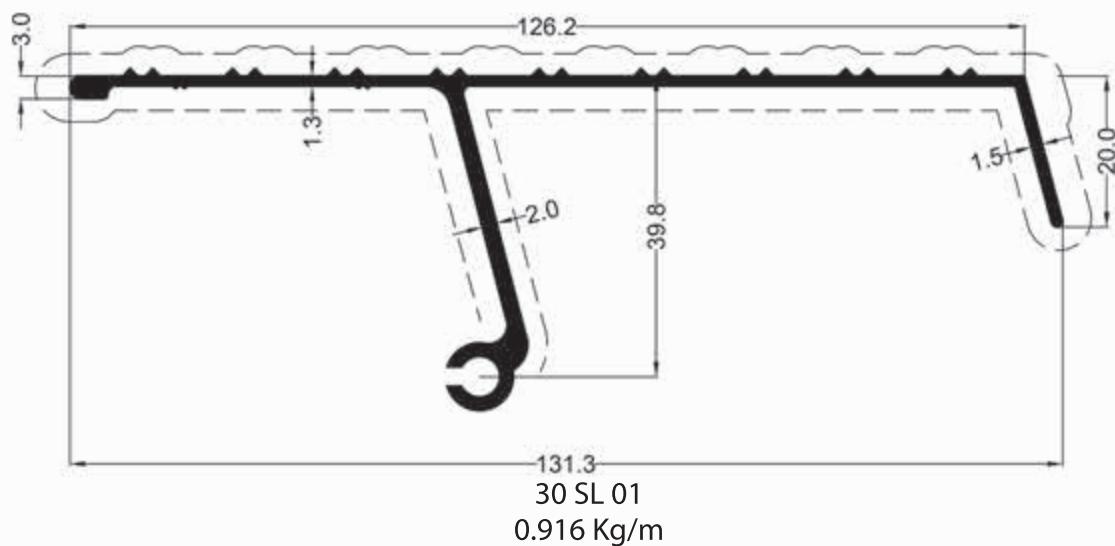
----- VISIBLE SURFACE -----

PROFILE DIAGRAM WITH MEASUREMENTS



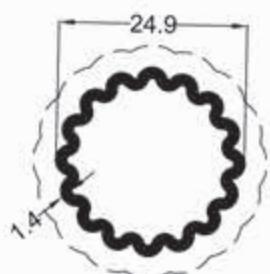
[-----] VISIBLE SURFACE [-----]

PROFILE DIAGRAM WITH MEASUREMENTS

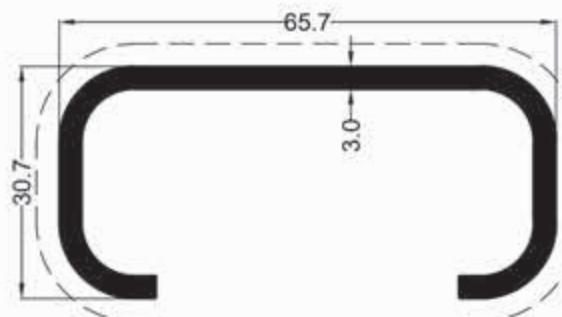


[----- VISIBLE SURFACE -----]

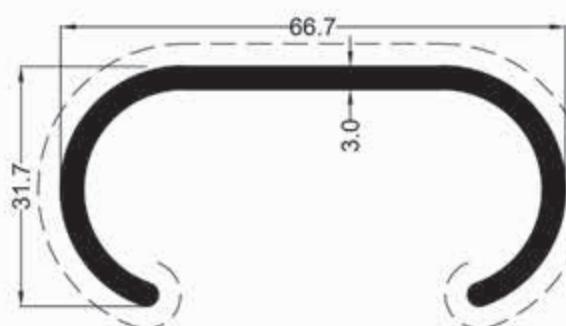
PROFILE DIAGRAM WITH MEASUREMENTS



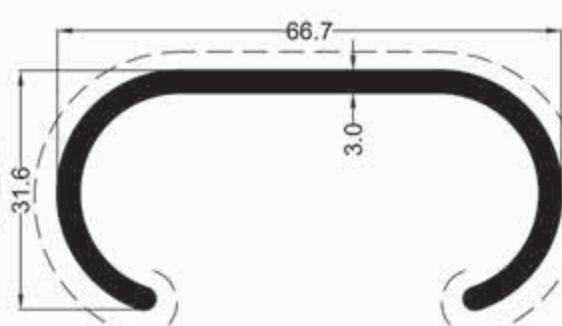
10 RL 01
0.455 Kg/m



10 RL 02
1.026 Kg/m



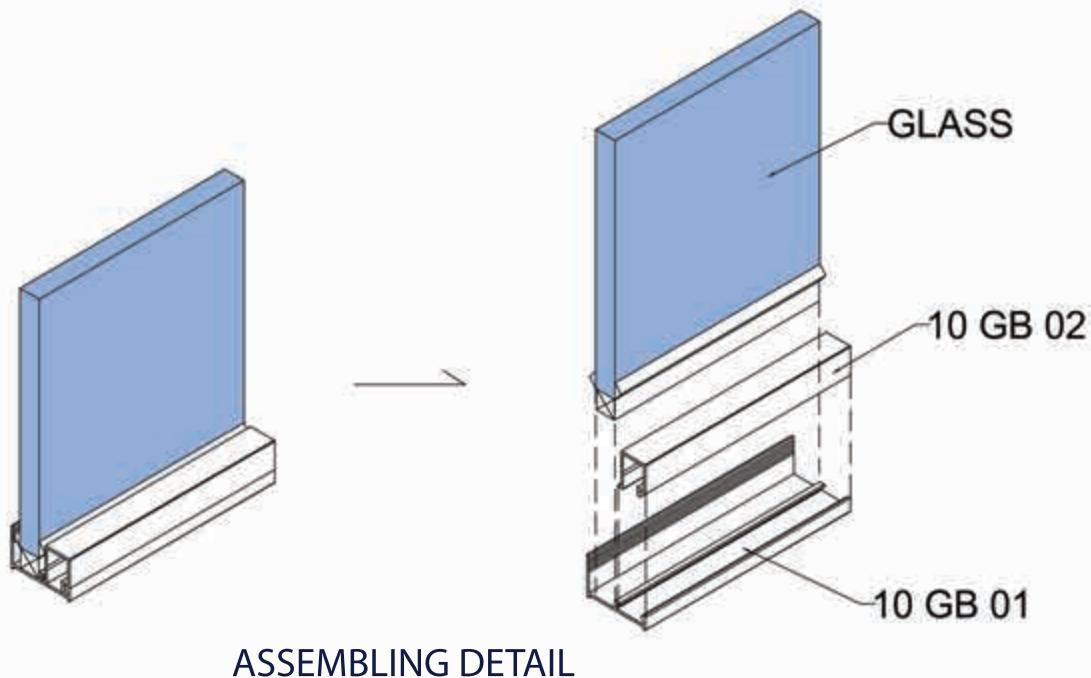
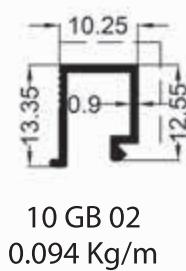
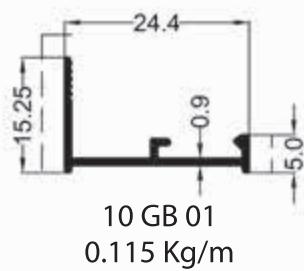
20 RL 01
0.970 Kg/m



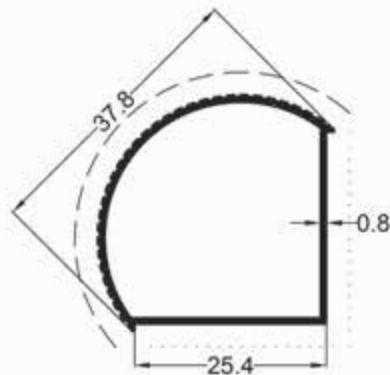
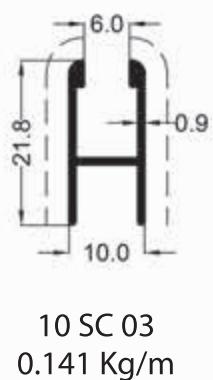
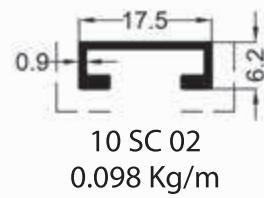
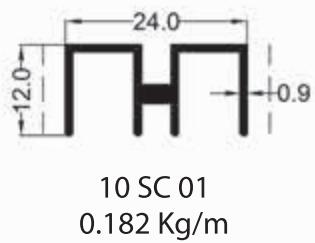
20 RL 02
0.645 Kg/m

[-----] VISIBLE SURFACE [-----]

PROFILE DIAGRAM WITH MEASUREMENTS



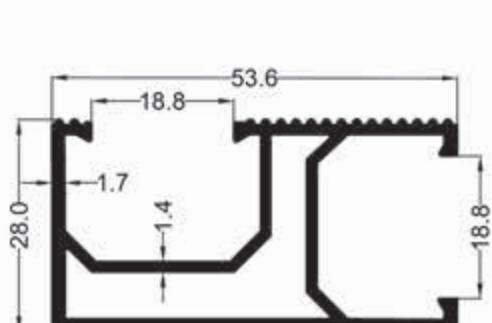
PROFILE DIAGRAM WITH MEASUREMENTS AND DETAILS



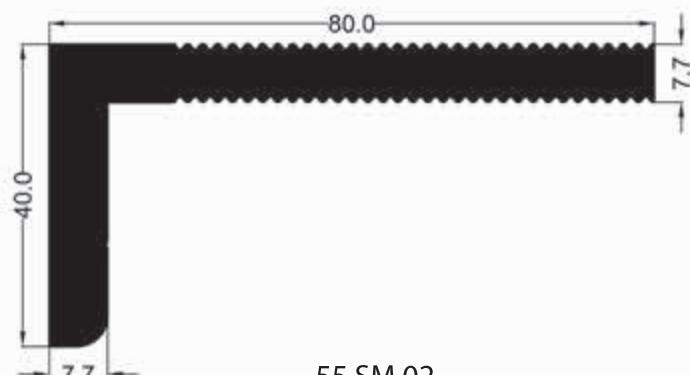
10 SC 04
0.241 Kg/m

[---] VISIBLE SURFACE [---]

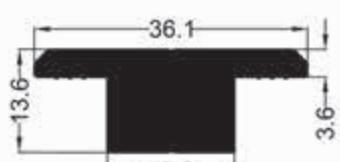
PROFILE DIAGRAM WITH MEASUREMENTS



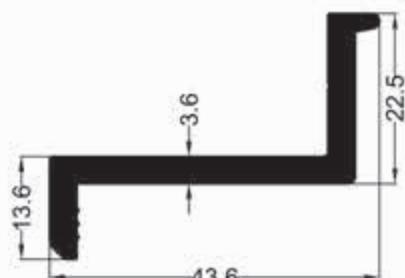
55 SM 01
0.789 Kg/m



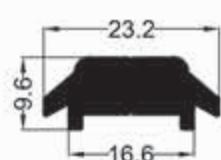
55 SM 02
2.205 Kg/m



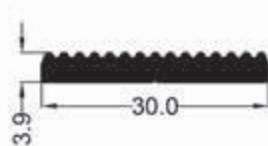
55 SM 03
0.796 Kg/m



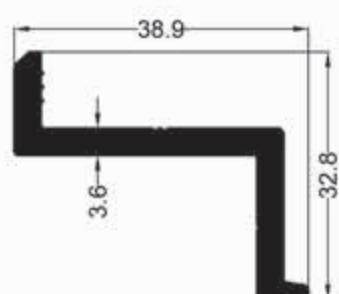
55 SM 04
0.687 Kg/m



55 SM 05
0.399 Kg/m

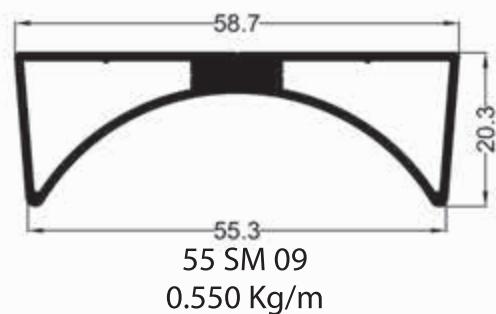
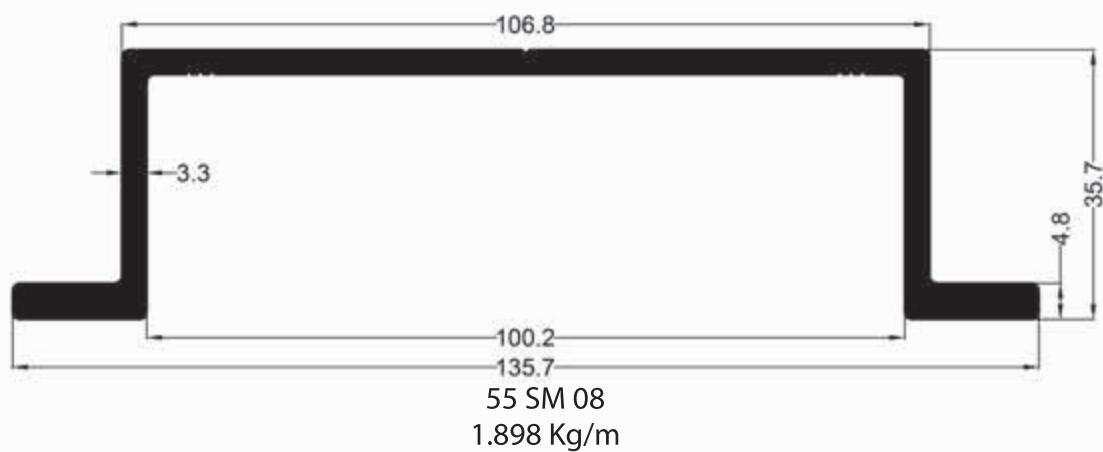
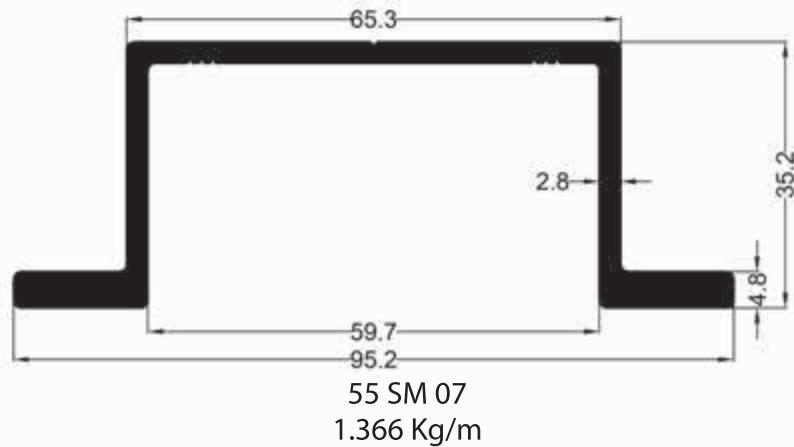


55 SM 06
0.248 Kg/m

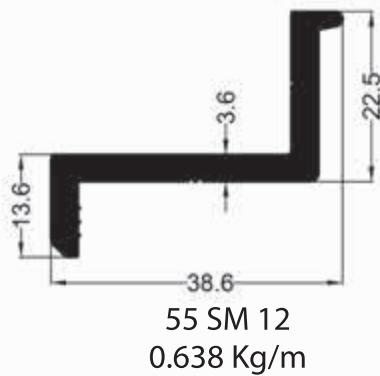
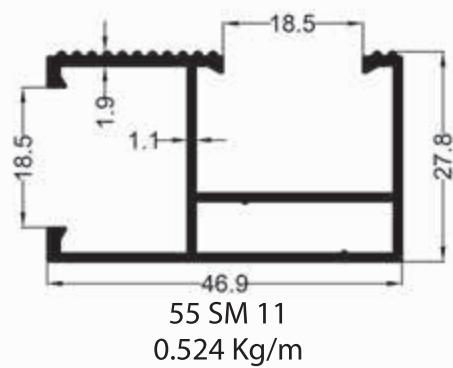
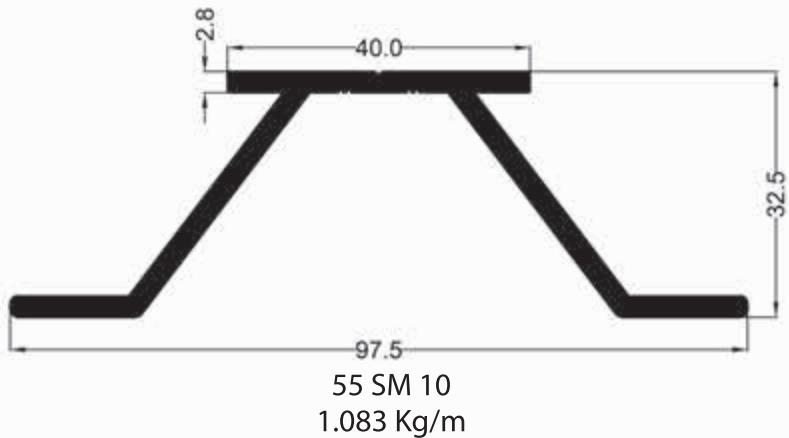


55 SM 12
0.638 Kg/m

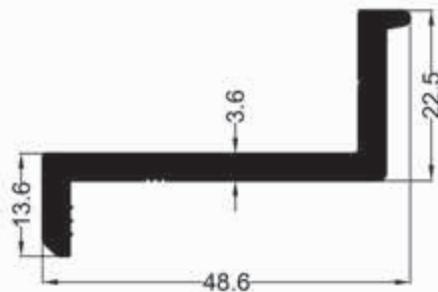
PROFILE DIAGRAM WITH MEASUREMENTS



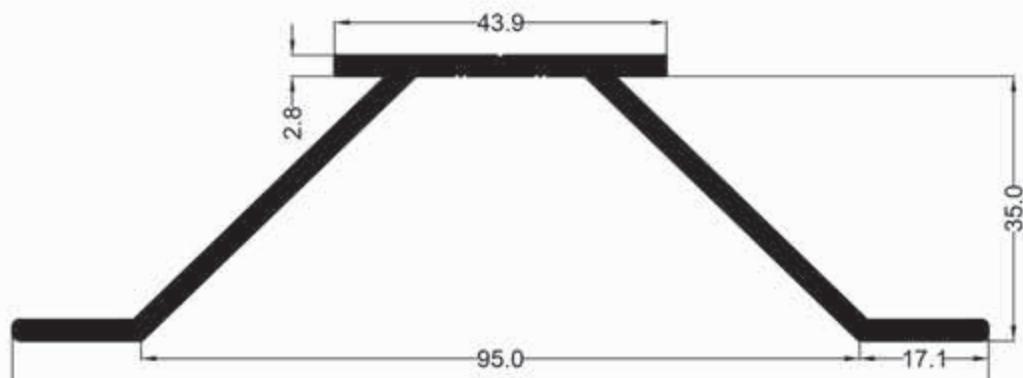
PROFILE DIAGRAM WITH MEASUREMENTS



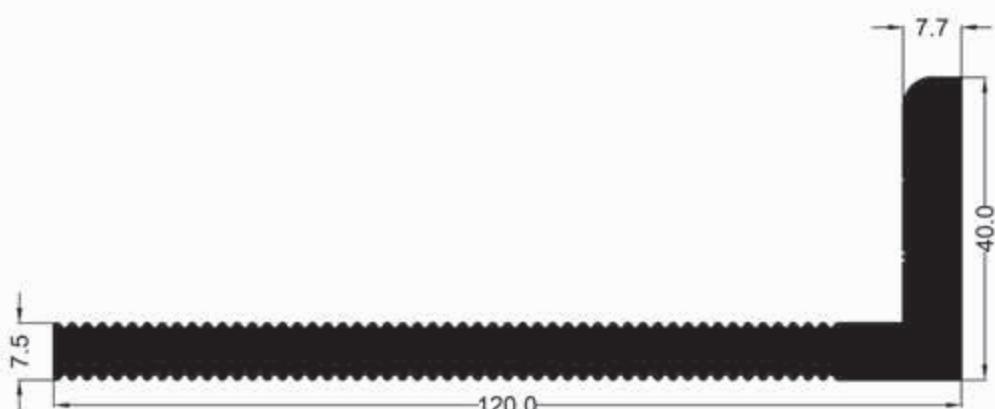
PROFILE DIAGRAM WITH MEASUREMENTS



55 SM 13
0.734 Kg/m

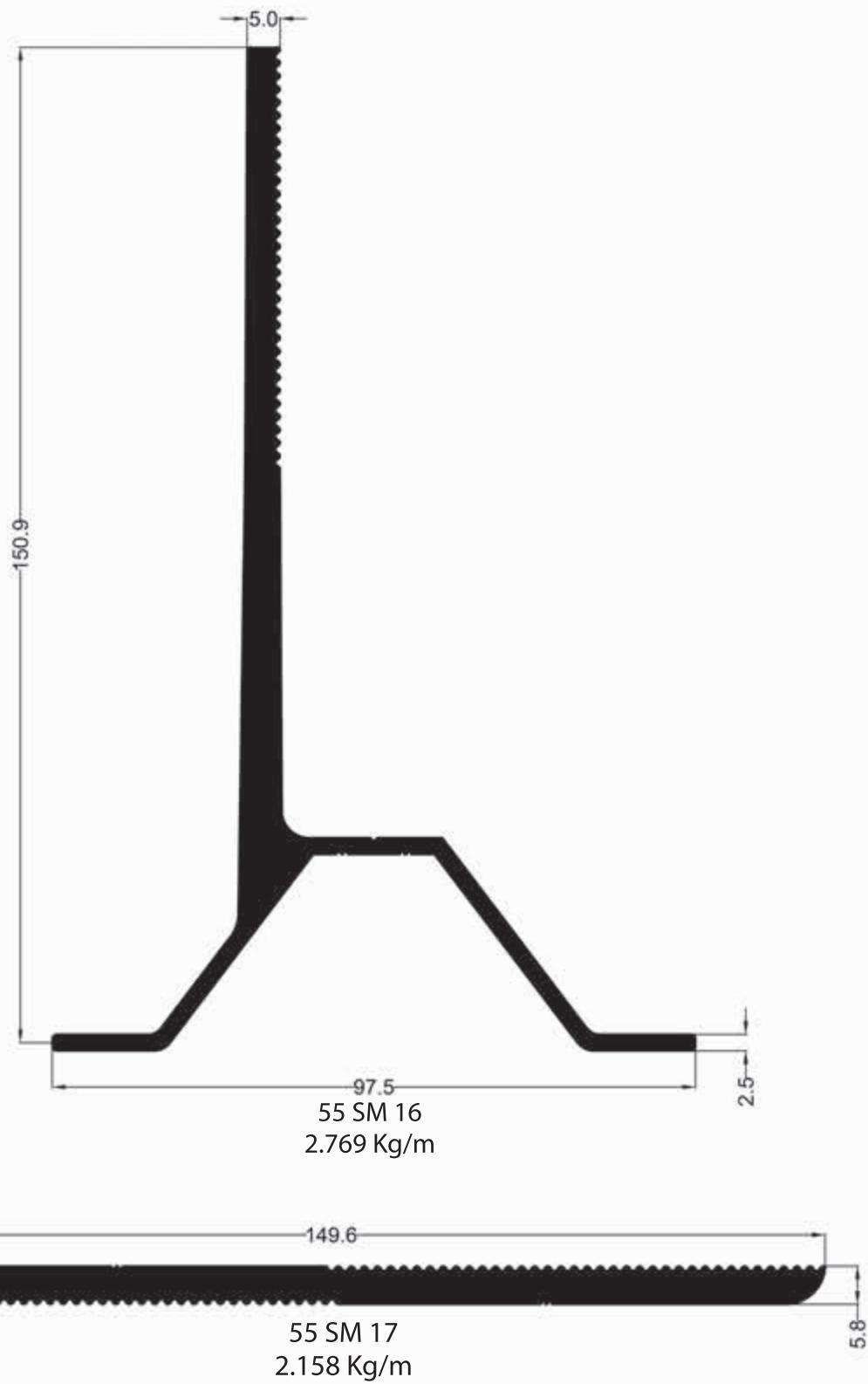


55 SM 14
1.309 Kg/m



55 SM 15
2.900 Kg/m

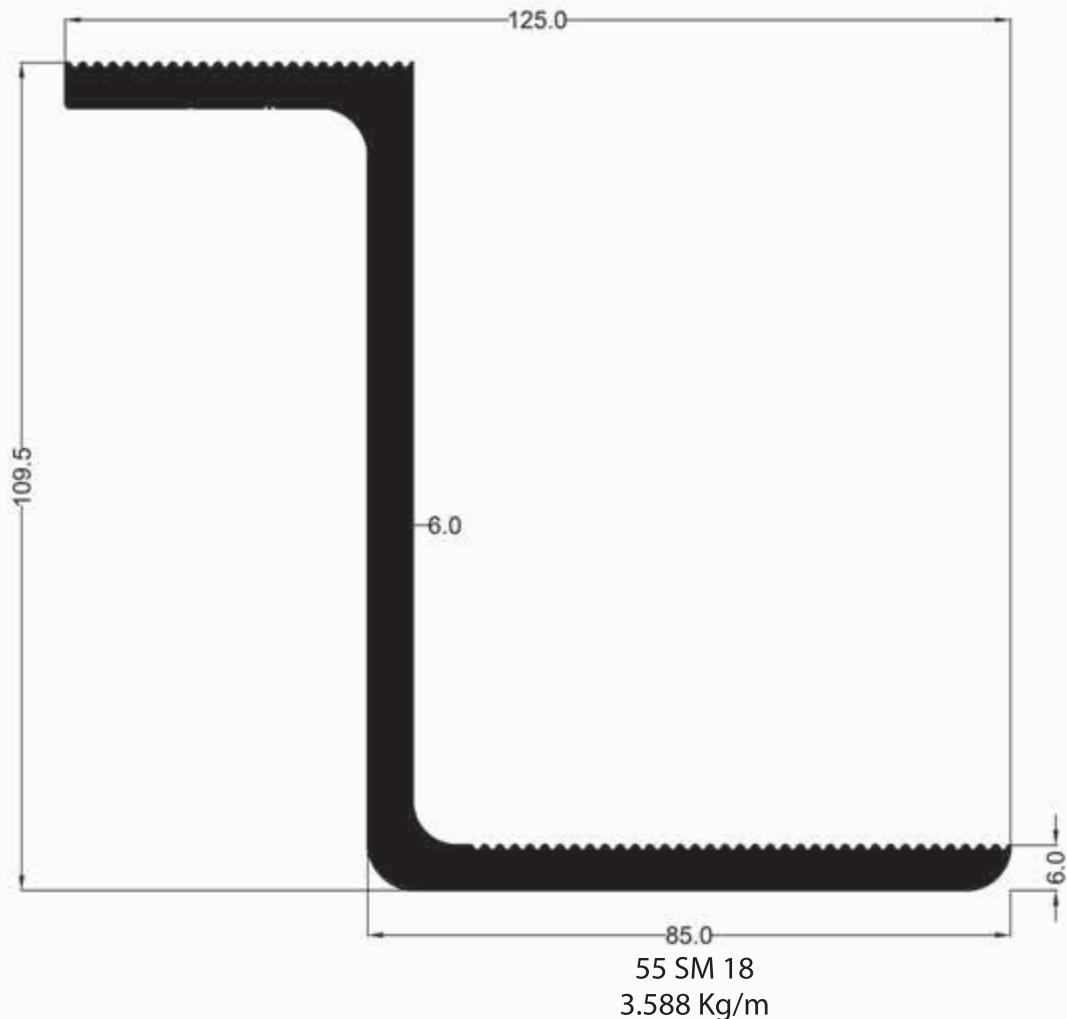
PROFILE DIAGRAM WITH MEASUREMENTS



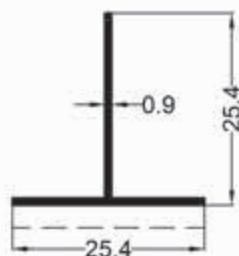
PROFILE DIAGRAM WITH MEASUREMENTS

GROUP
20

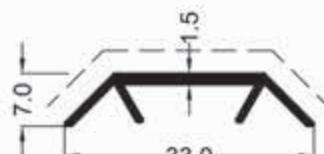
ROOF SOLAR MOUNT PROFILE



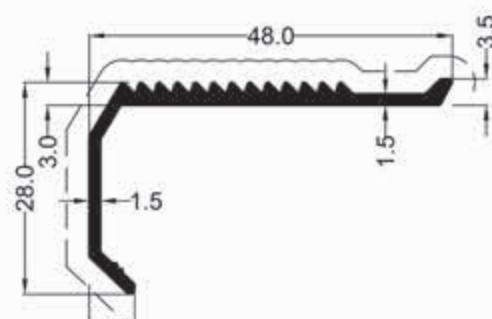
PROFILE DIAGRAM WITH MEASUREMENTS



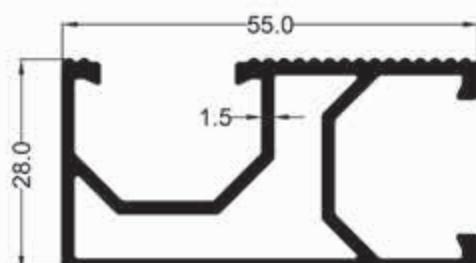
10 CT 01
0.122 Kg/m



10 MS 03
0.157 Kg/m

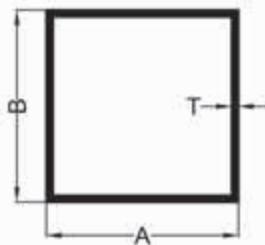


10 MS 04
0.375 Kg/m



10 MS 05
0.840 Kg/m

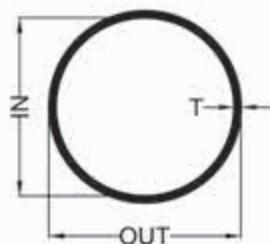
PROFILE DIAGRAM WITH MEASUREMENTS



PROFILE NO.	DIMENSION (mm)			UNIT WEIGHT (kg/m)
	A	B	T	
12 TU 12	12.70	12.70	0.90	0.115
19 TU 19	19.00	19.00	0.90	0.176
25 TU 25	25.40	25.40	0.90	0.238
38 TU 25	38.20	25.40	0.90	0.301
38 TU 38	38.00	38.00	1.20	0.479
50 TU 25	50.80	25.40	0.90	0.362
50 TU 50	50.80	50.80	1.20	0.643
70 TU 30	70.00	30.00	1.20	0.539
76 TU 25	76.20	25.40	1.20	0.539
76 TU 38	76.00	38.00	1.20	0.727
76 TU 76	76.00	76.00	1.35	1.088
100 TU 25	100.00	25.00	1.50	0.994
100 TU 45	100.00	45.00	1.20	0.924



PROFILE DIAGRAM WITH MEASUREMENTS

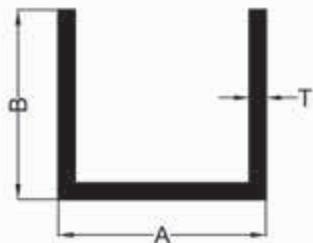


PROFILE NO.	DIMENSION (mm)			UNIT WEIGHT (kg/m)
	OUT	IN	T	
09 RP 07	9.53	7.73	0.90	0.066
12 RP 10	12.70	10.90	0.90	0.090
16 RP 14	16.00	14.20	0.90	0.116
19 RP 17	19.00	17.20	0.90	0.139
25 RP 23	25.40	23.40	1.00	0.208

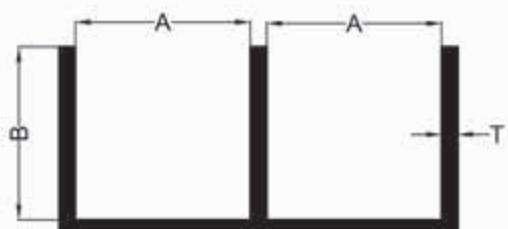


PROFILE NO.	DIMENSION (mm)		UNIT WEIGHT (kg/m)
	A	T	
12 PL 01	12.70	0.90	0.034
19 PL 01	19.00	0.90	0.046
25 PL 01	25.00	0.90	0.062
25 PL 03	25.40	3.18	0.219

PROFILE DIAGRAM WITH MEASUREMENTS

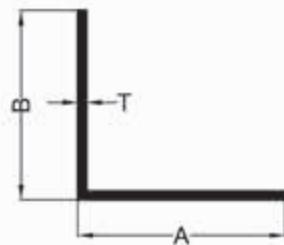


PROFILE NO.	DIMENSION (mm)			UNIT WEIGHT (kg/m)
	A	B	T	
06 CH 09	6.76	9.53	0.90	0.059
08 CH 09	7.90	9.00	0.80	0.052
09 CH 09	9.30	9.40	0.90	0.064
11 CH 10	11.50	10.50	0.90	0.075
12 CH 12	12.70	12.70	0.90	0.089
19 CH 19	19.00	19.00	1.00	0.149

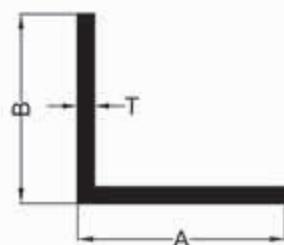


PROFILE NO.	DIMENSION (mm)			UNIT WEIGHT (kg/m)
	A	B	T	
10 CH 09	4.95	9.60	0.90	0.101
13 CH 09	6.50	9.60	0.90	0.109
19 CH 09	9.65	9.60	0.90	0.124

PROFILE DIAGRAM WITH MEASUREMENTS



PROFILE NO.	DIMENSION (mm)			UNIT WEIGHT (kg/m)
	A	B	T	
12 AN 12	12.70	12.70	0.90	0.060
19 AN 12	19.05	12.70	0.90	0.075
19 AN 19	19.00	19.00	0.90	0.091
25 AN 25	25.40	25.40	0.90	0.122



PROFILE NO.	DIMENSION (mm)			UNIT WEIGHT (kg/m)
	A	B	T	
12 AT 12	13.00	13.00	1.70	0.112
19 AT 19	19.00	19.00	2.50	0.239
25 AT 25	25.40	25.40	2.50	0.326
38 AT 38	38.10	38.10	3.00	0.594

PROFILE DIAGRAM WITH MEASUREMENTS



ULTIMATE CHOICE



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