

LB
ALUMINIUM
BERHAD
198501006093 (138535-V)

SLD/PS01

A practical yet functional sliding door suite that is very competitively priced.



Performance Range

- Medium duty.

Typical Technical Features

Inner Frame Depth	- 32 mm
Inner Frame Width	- 50 mm
Nominal Wall Thickness	- 1.3 mm - 1.5 mm
Outer Frames	- 1, 2 or 3 tracks
Outer Frame Depth	- 125 mm
Corner Joints	- Mortise corner joints with screws



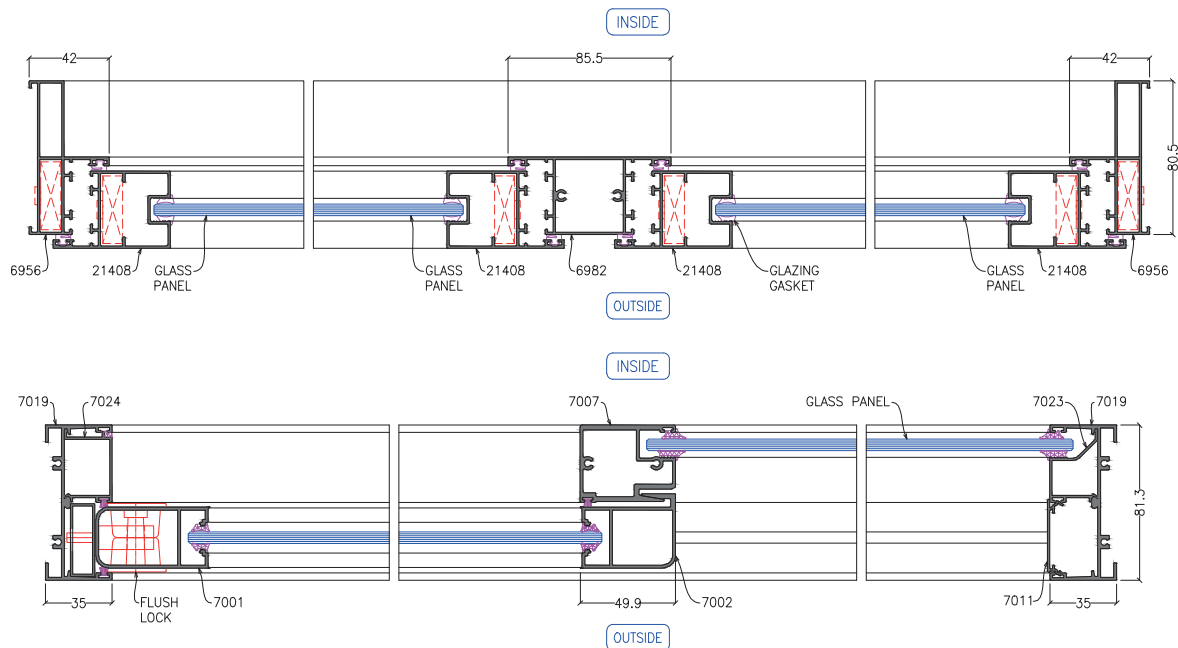
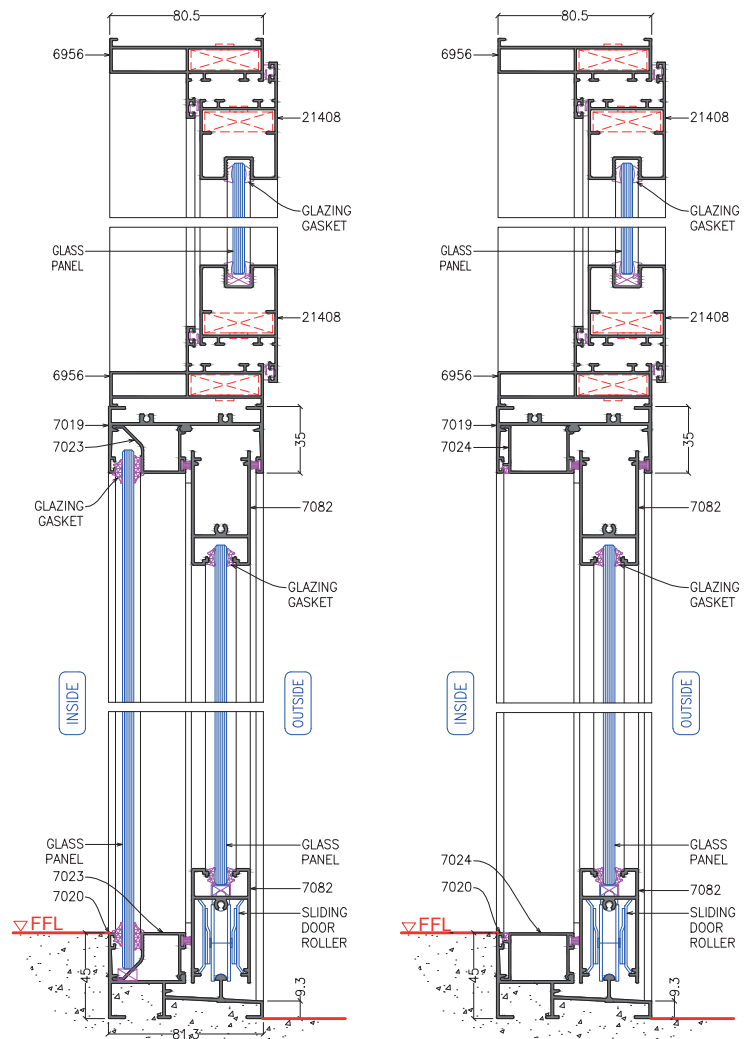
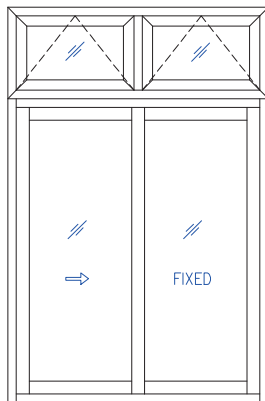
Other Features

Multipoint Locking
Good Aesthetics
In-builts Fixed Panels



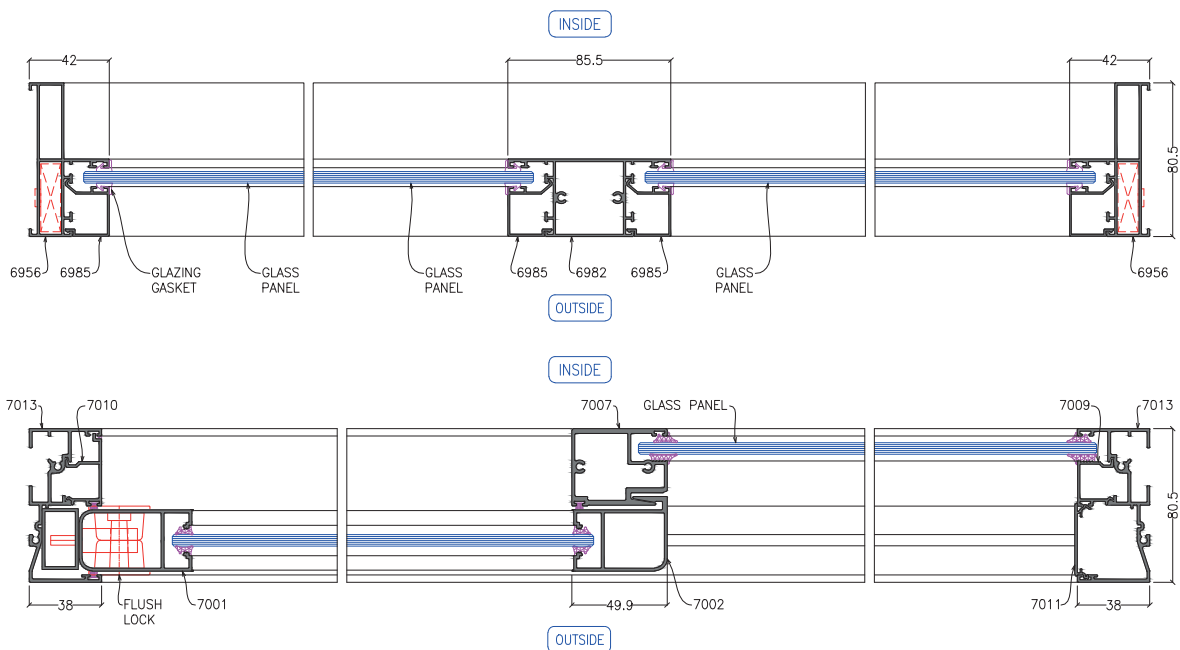
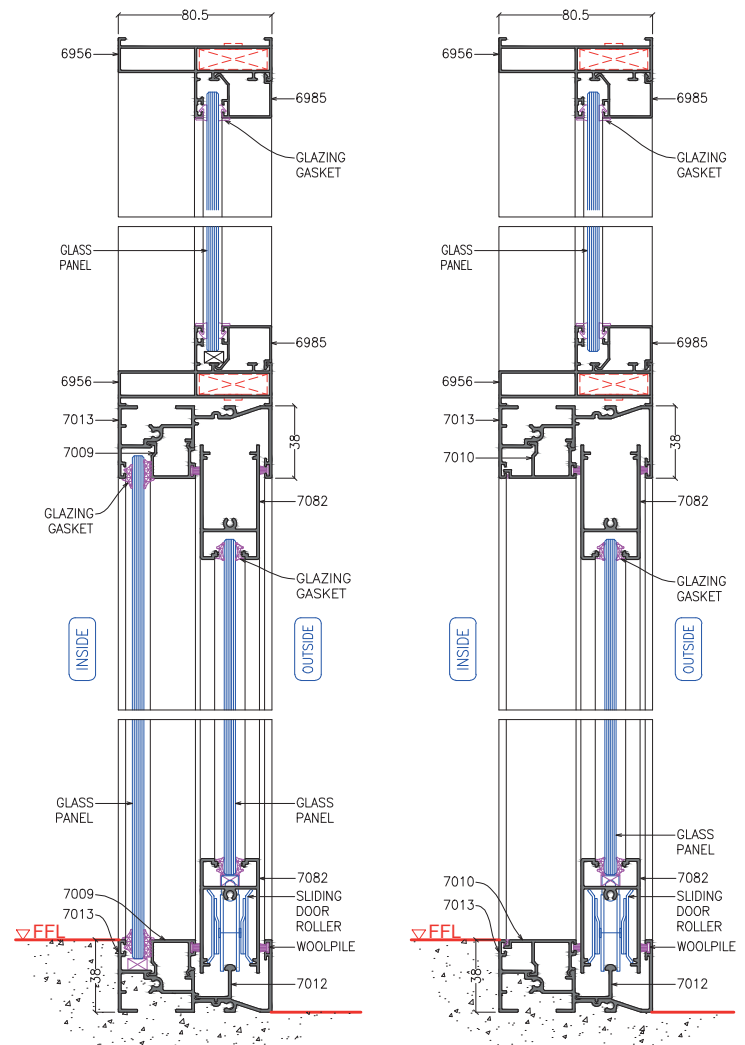
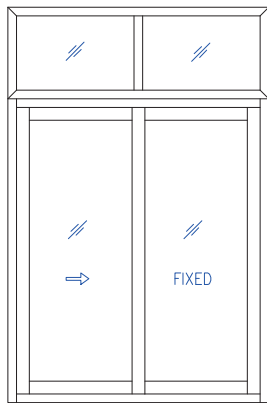
Typical Assembly Details

2 Track - 1 Sliding Panel + 1 Fixed Panel



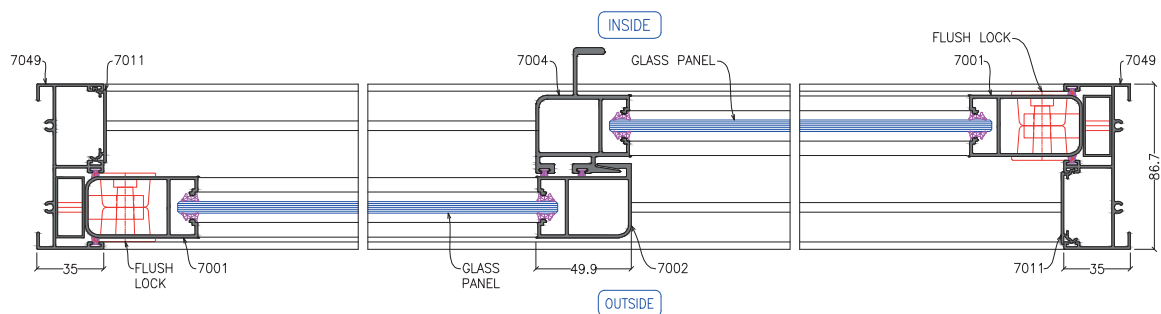
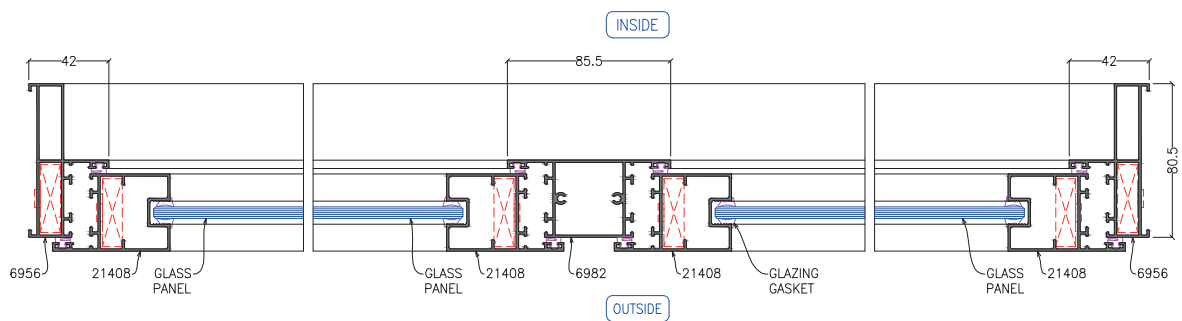
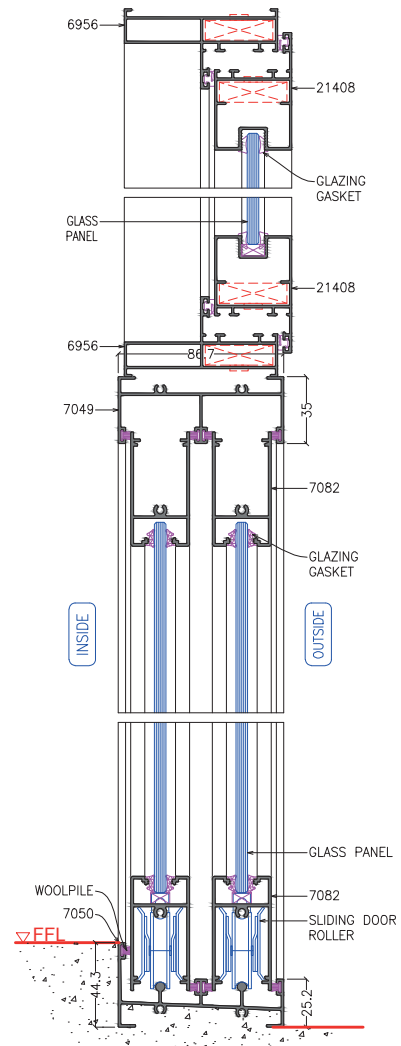
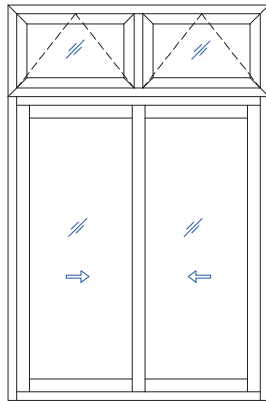
Typical Assembly Details

2 Track - 1 Sliding Panel + 1 Fixed Panel



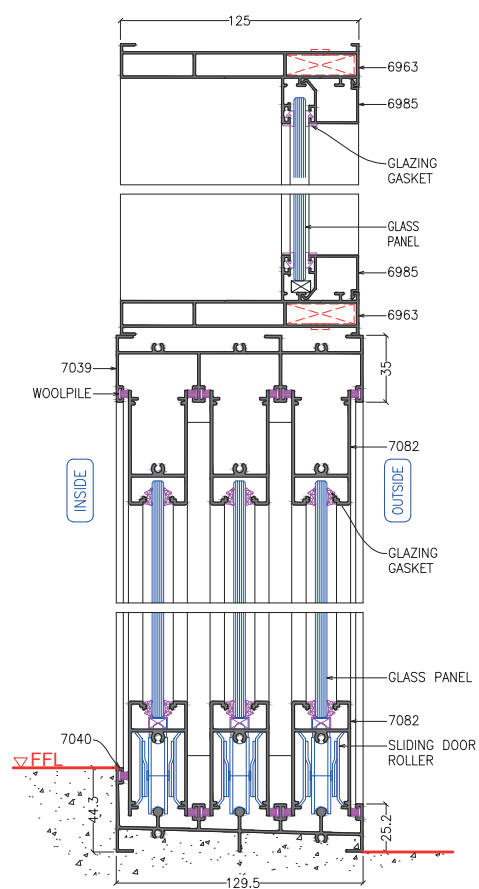
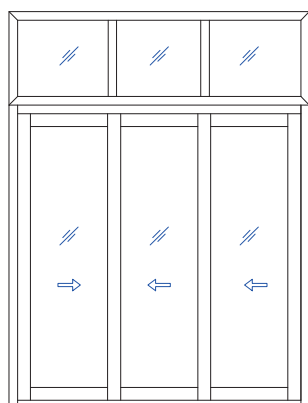
Typical Assembly Details

2 Track - 2 Sliding Panels

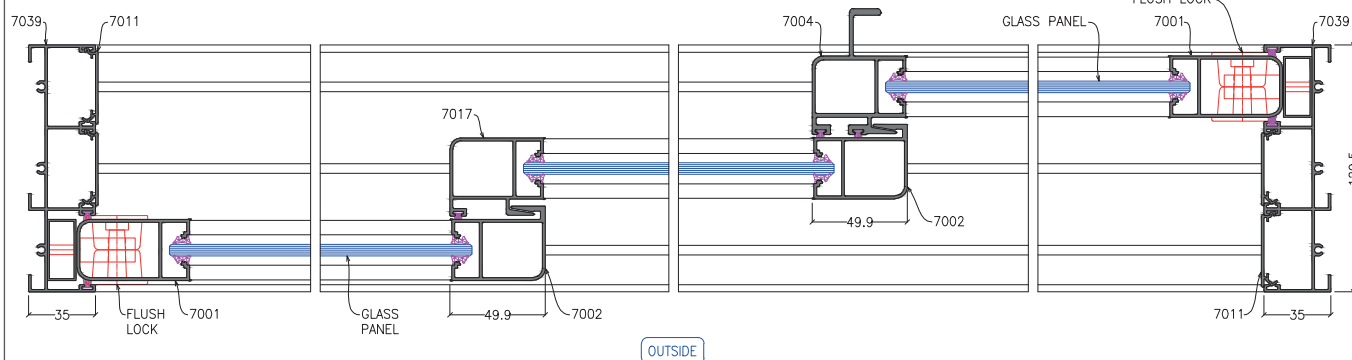
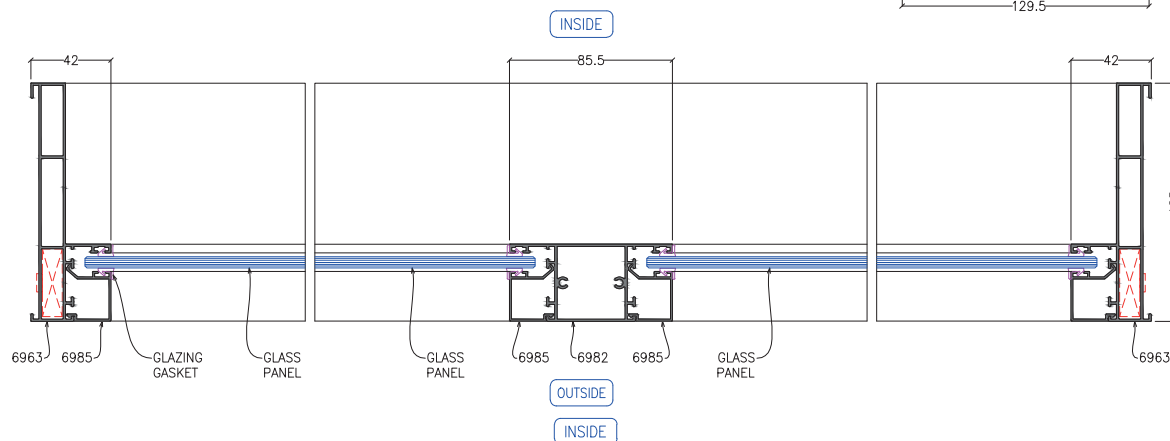


Typical Assembly Details

Typical Elevations - 3 Sliding Panels

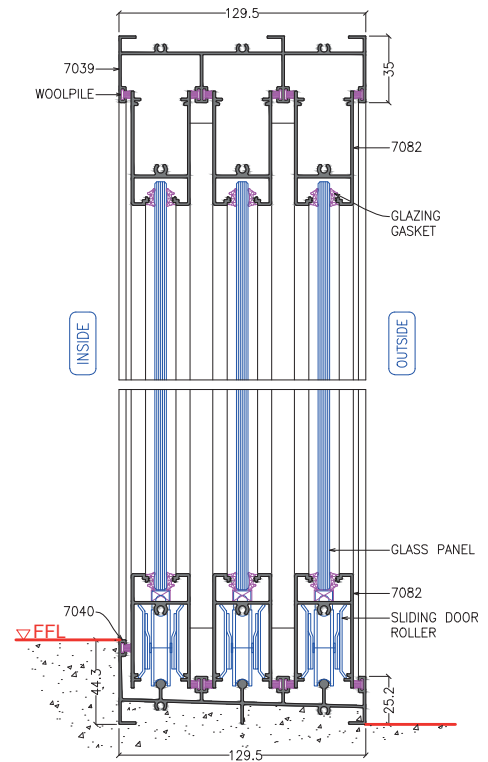
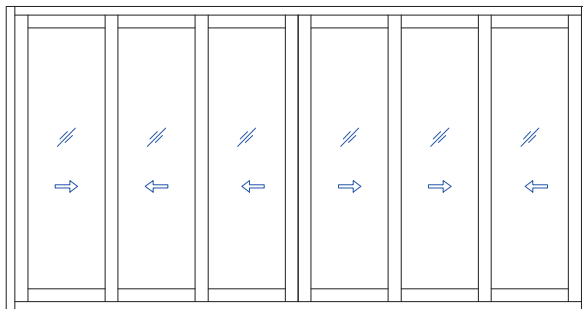


3 Track - 3 Sliding Panels

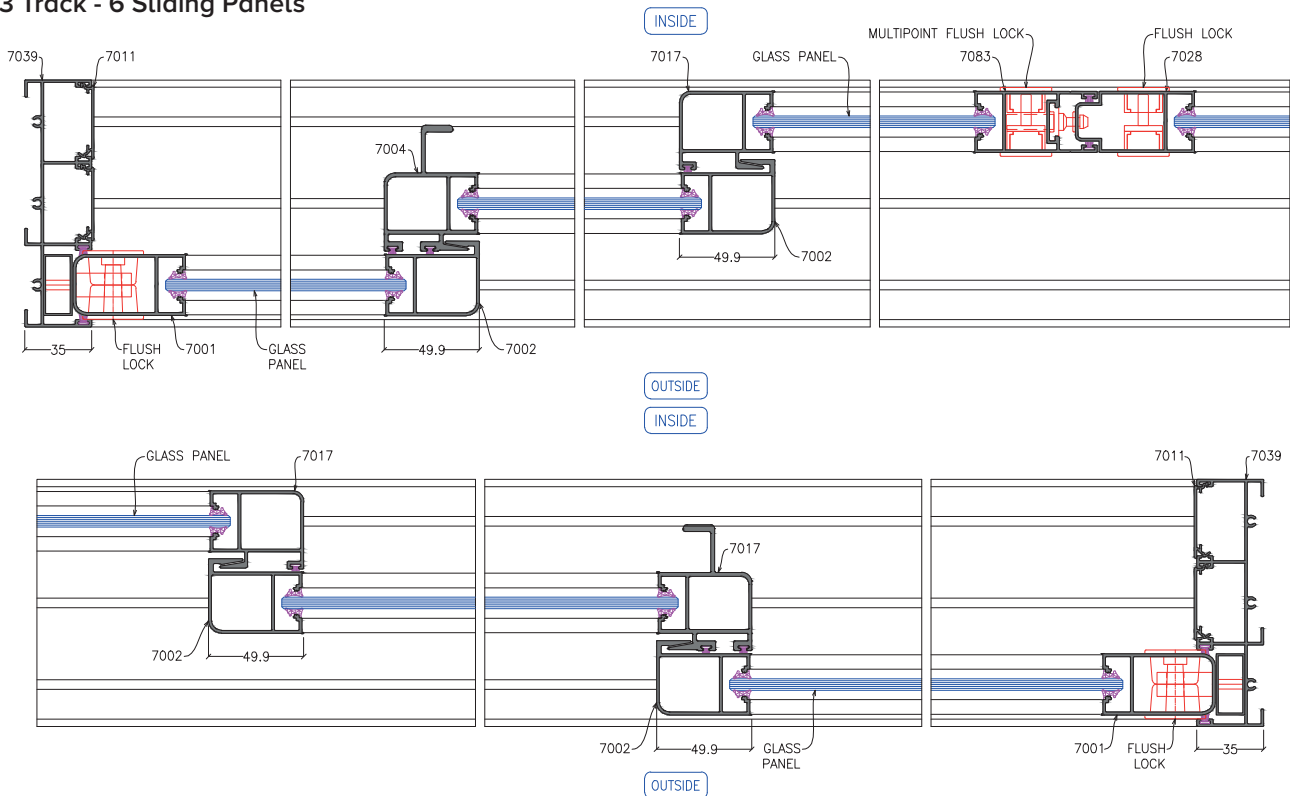


Typical Assembly Details

Typical Elevations - 6 Sliding Panels

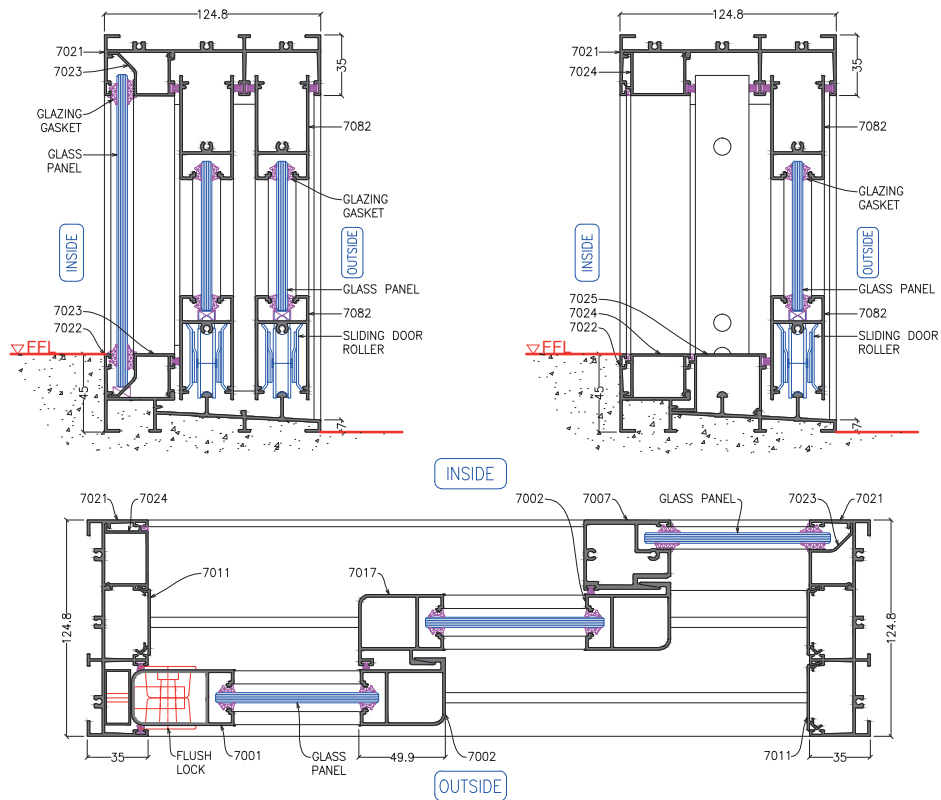


3 Track - 6 Sliding Panels

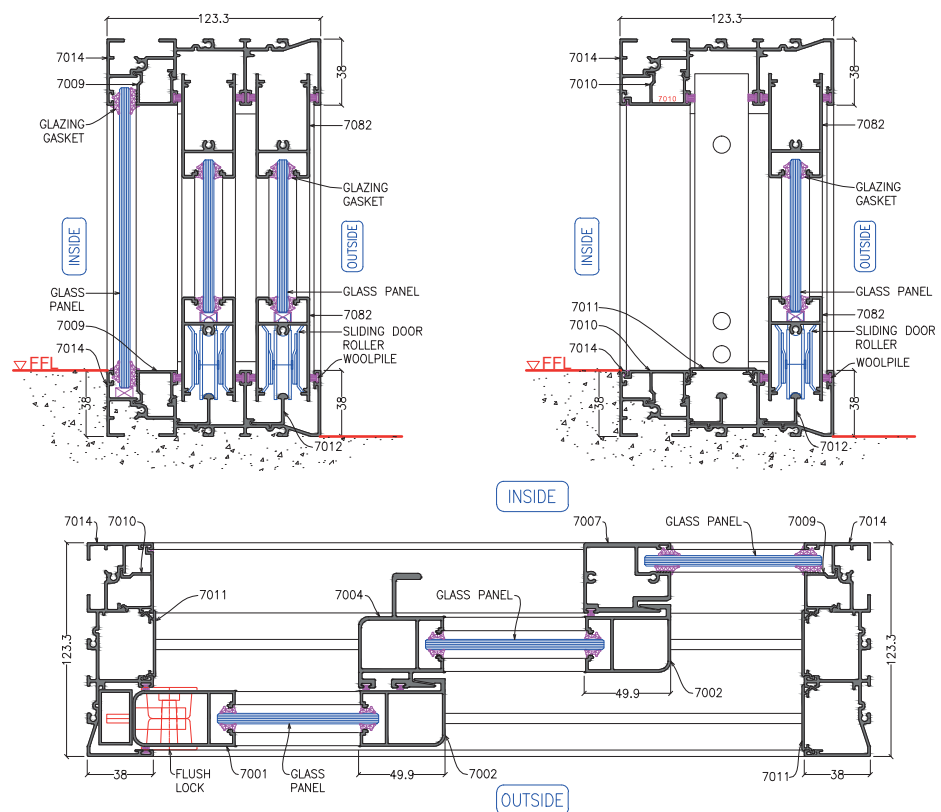


Typical Assembly Details

3 Track - 2 Sliding Panels + 1 Fixed Panel



3 Track - 2 Sliding Panels + 1 Fixed Panel



Wind Load Chart

Mullion Section No. : 7002 & 7007

Aluminium Alloy : 6063 - T5

Moment of Inertia I_{xx} : 16.1 cm^4

Mod. of Inertia Z_{xx} : 5.0 cm^3

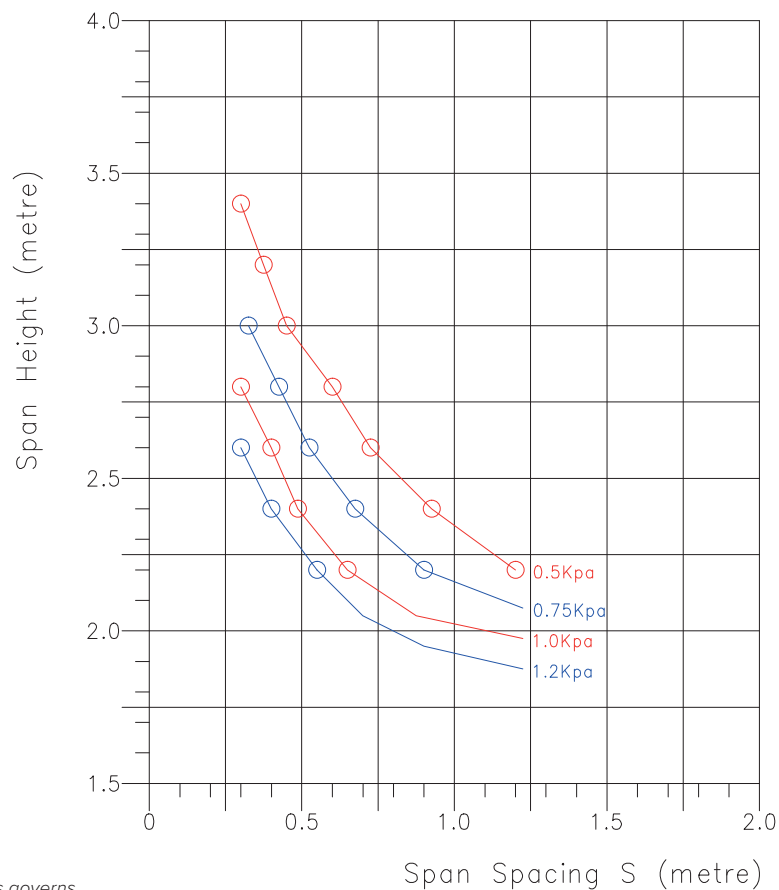
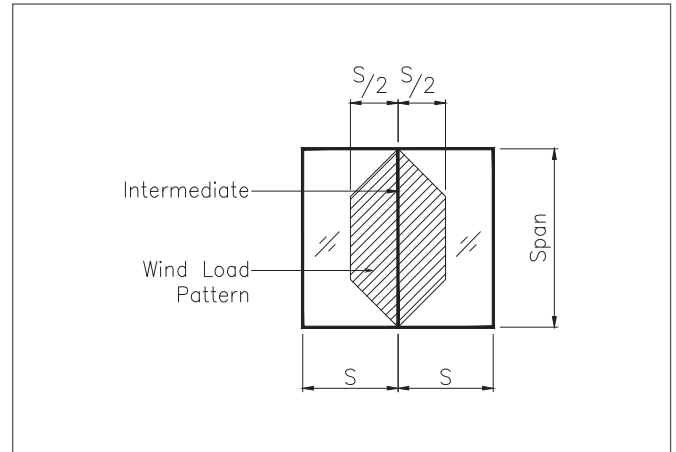
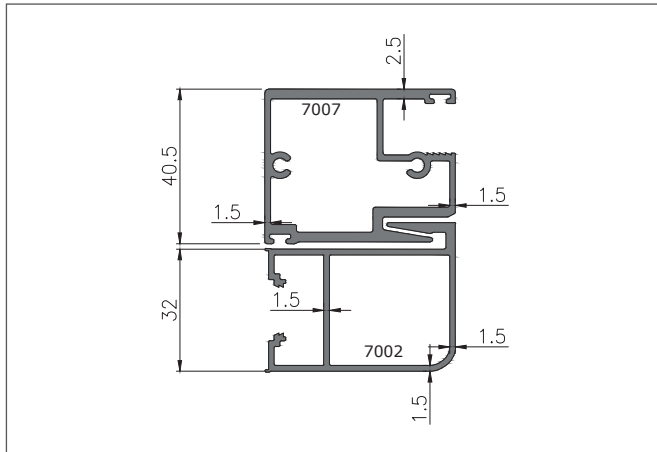
Mod. of Elasticity : $69 \times 10^9 \text{ n/m}^2$

Deflection Limit : Span/175 up to max. 20 mm

Perm. Bend. Stress : $1.25 \times 67 \text{ Mpa}$
(within slenderness limit)

Nature of Anchor : Simply Supported at Both Ends

Typical Configuration of Sliding Door:



Legend:

○ Deflection limit governs

◇ Permissible bending stress governs

Note: This wind load chart is solely for reference only.

Wind Load Chart

Mullion Section No. : 7002 & 7008

Aluminium Alloy : 6063 - T5

Moment of Inertia Ixx : 26 cm⁴

Mod. of Inertia Zxx : 8 cm³

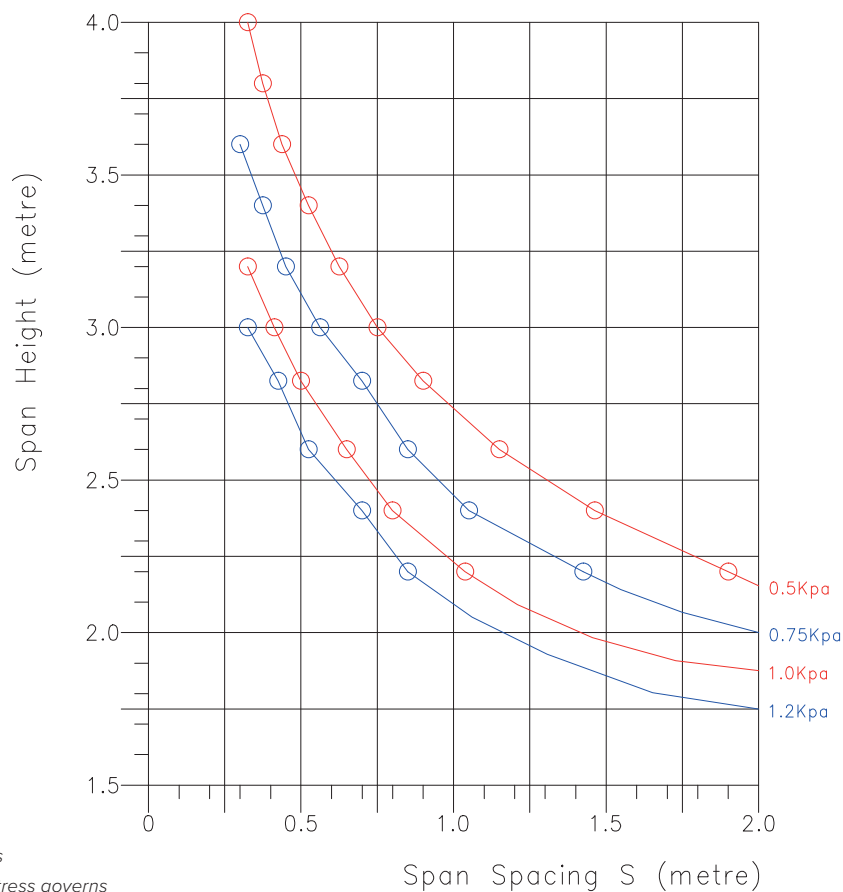
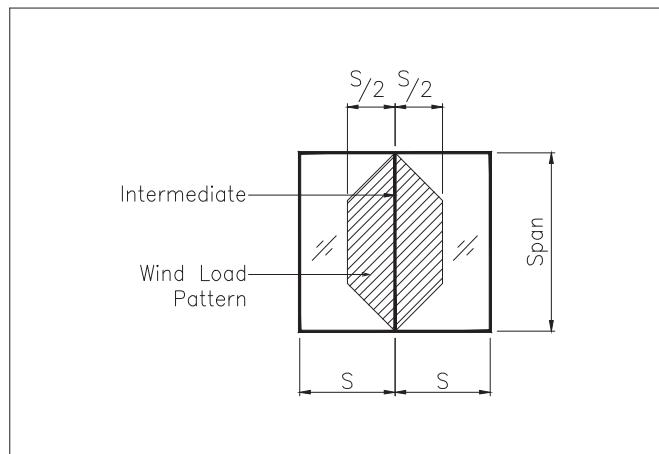
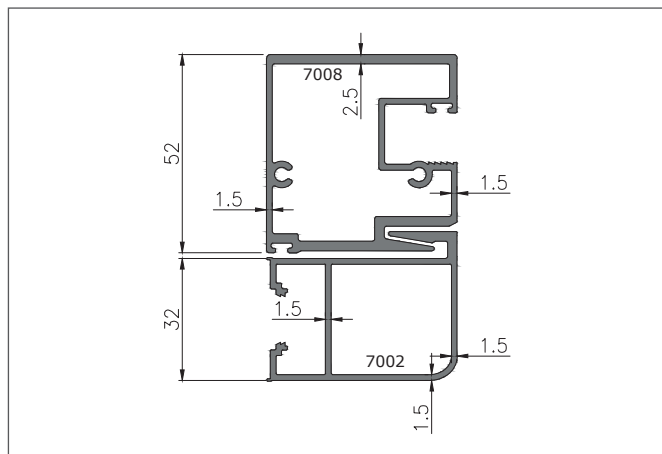
Mod. of Elasticity : 69 x 10⁹ n/m²

Deflection Limit : Span/175 up to max. 20 mm

Perm. Bend. Stress : 1.25 x 67 Mpa
(within slenderness limit)

Nature of Anchor : Simply Supported at Both Ends

Typical Configuration of Sliding Door:



Wind Load Chart

Mullion Section No. : 7003, 7004 & 7008

Aluminium Alloy : 6063 - T5

Moment of Inertia Ixx : 42 cm⁴

Mod. of Inertia Zxx : 10 cm³

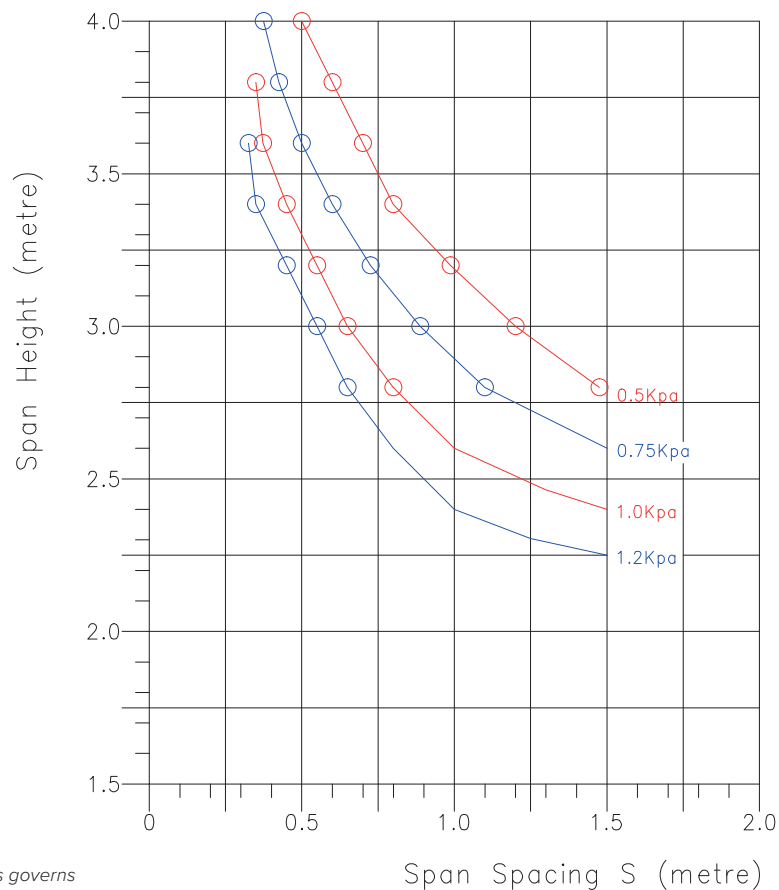
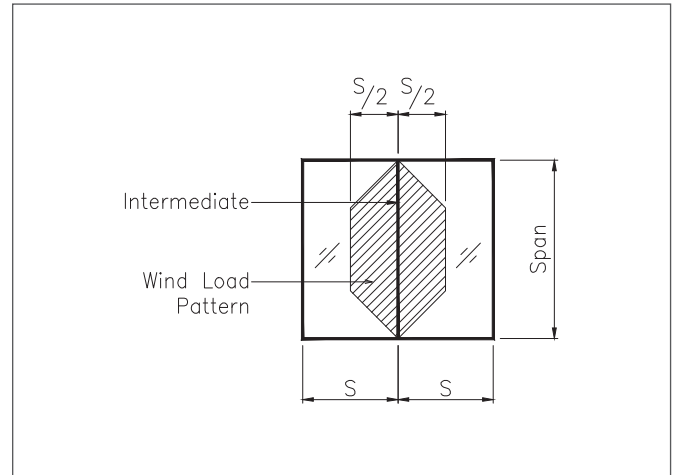
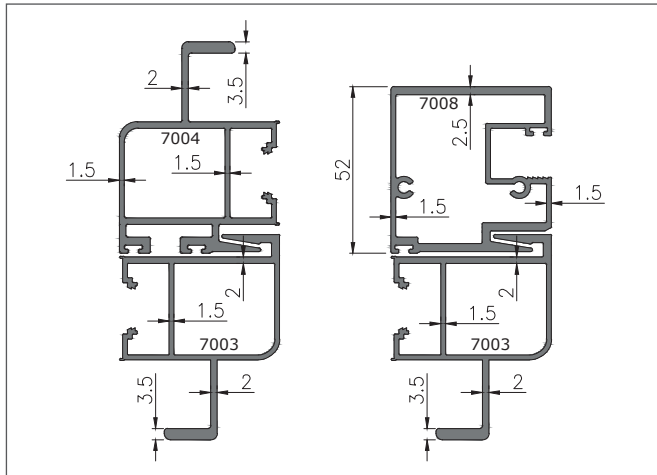
Mod. of Elasticity : 69 x 10⁹ n/m²

Deflection Limit : Span/175 up to max. 20 mm

Perm. Bend. Stress : 1.25 x 67 Mpa
(within slenderness limit)

Nature of Anchor : Simply Supported at Both Ends

Typical Configuration of Sliding Door:



Legend:

○ Deflection limit governs

◇ Permissible bending stress governs

Note: This wind load chart is solely for reference only.

Wind Load Chart

Mullion Section No. : 7001(x2) & 7005

Aluminium Alloy : 6063 - T5

Moment of Inertia Ixx : 38.5 cm⁴

Mod. of Inertia Zxx : 77 cm³

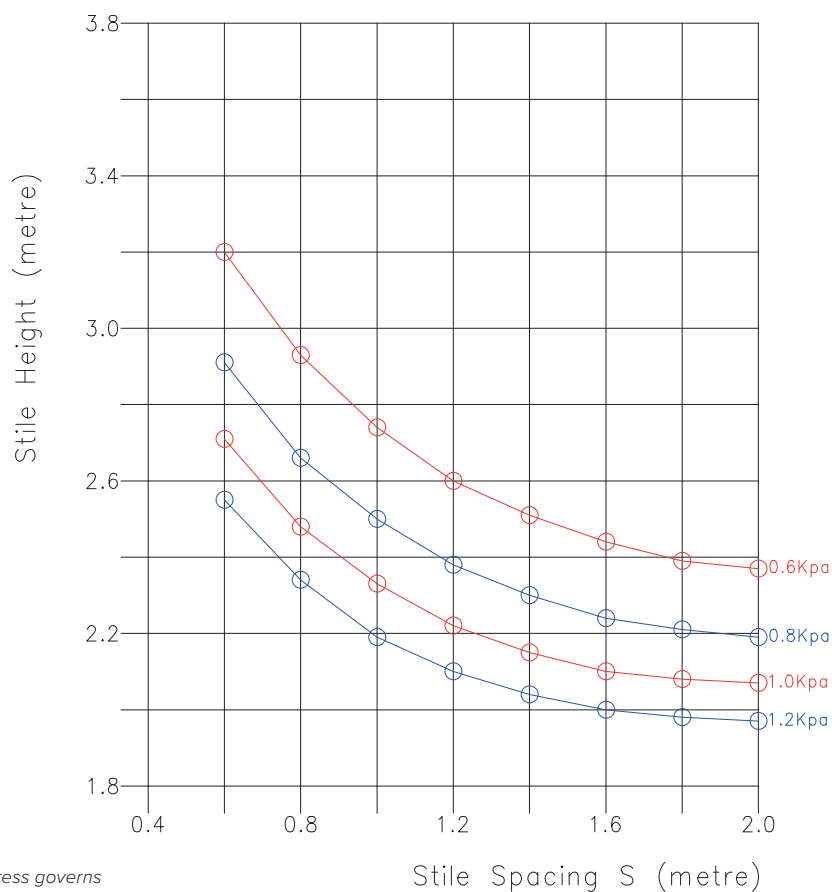
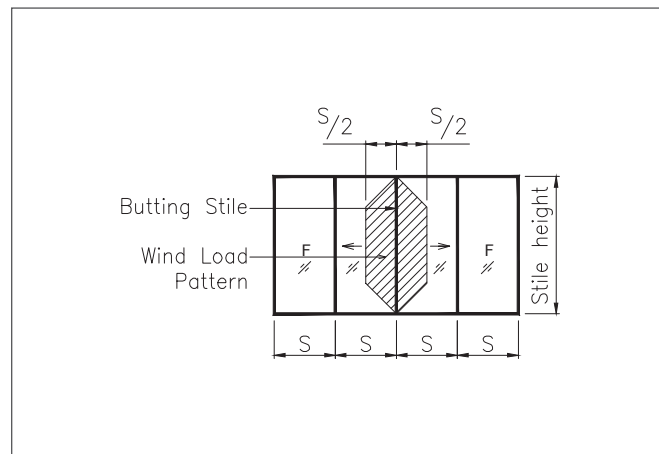
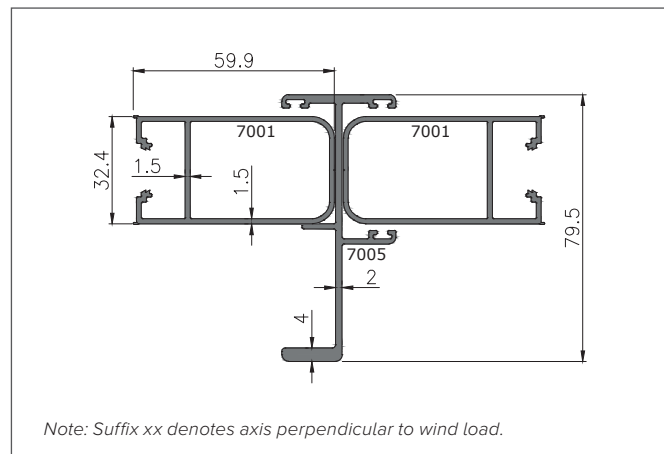
Mod. of Elasticity : 69 x 10⁹ n/m²

Deflection Limit : Span/175 up to max. 20 mm

Perm. Bend. Stress : 1.25 x 67 Mpa
(within slenderness limit)

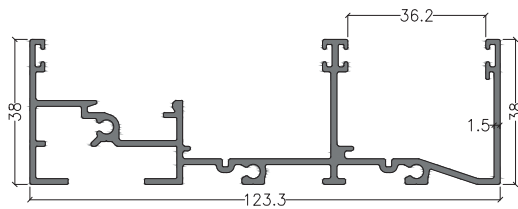
Nature of Anchor : Simply Supported at Both Ends

Typical Configuration of Sliding Door:

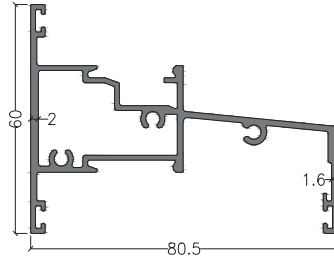


Sectional Details

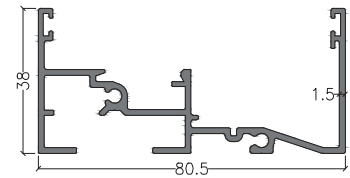
Top, Bottom & Side Tracks



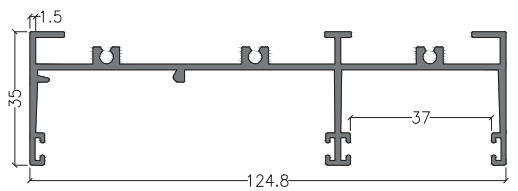
7014
1.498 kg/m "LW"
705.69 mm "AP"



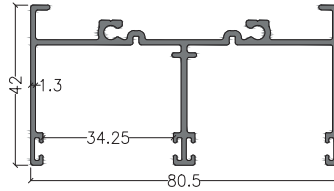
7015
1.242 kg/m "LW"
432.70 mm "AP"



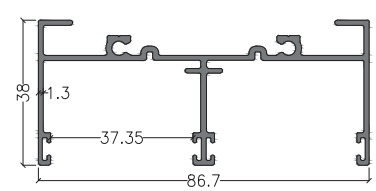
7013
1.012 kg/m "LW"
485.15 mm "AP"



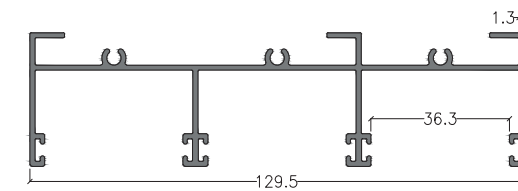
7021
1.309 kg/m "LW"
611.89 mm "AP"



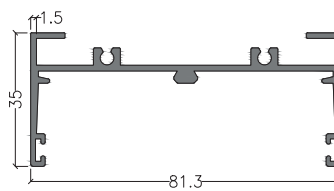
7044
0.934 kg/m "LW"
507.34 mm "AP"



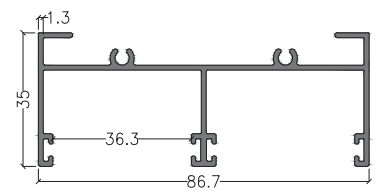
7045
0.954 kg/m "LW"
518.64 mm "AP"



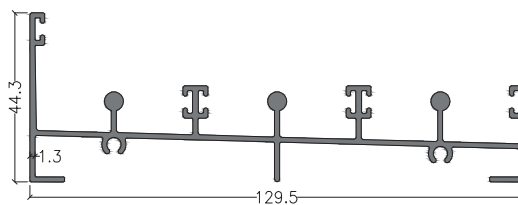
7039
1.244 kg/m "LW"
685.21 mm "AP"



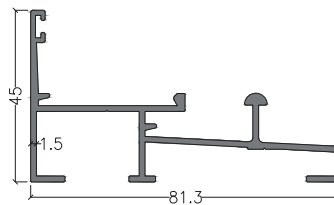
7019
0.900 kg/m "LW"
407.78 mm "AP"



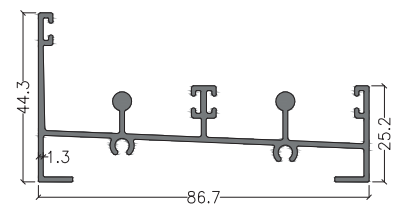
7049
0.858 kg/m "LW"
474.48 mm "AP"



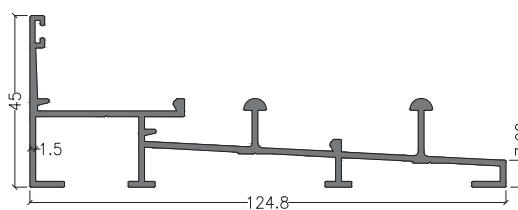
7040
1.352 kg/m "LW"
688.85 mm "AP"



7020
0.902 kg/m "LW"
427.35 mm "AP"

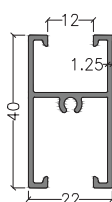


7050
0.984 kg/m "LW"
502.72 mm "AP"

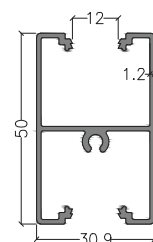


7022
1.239 kg/m "LW"
578.53 mm "AP"

Latticed Bar



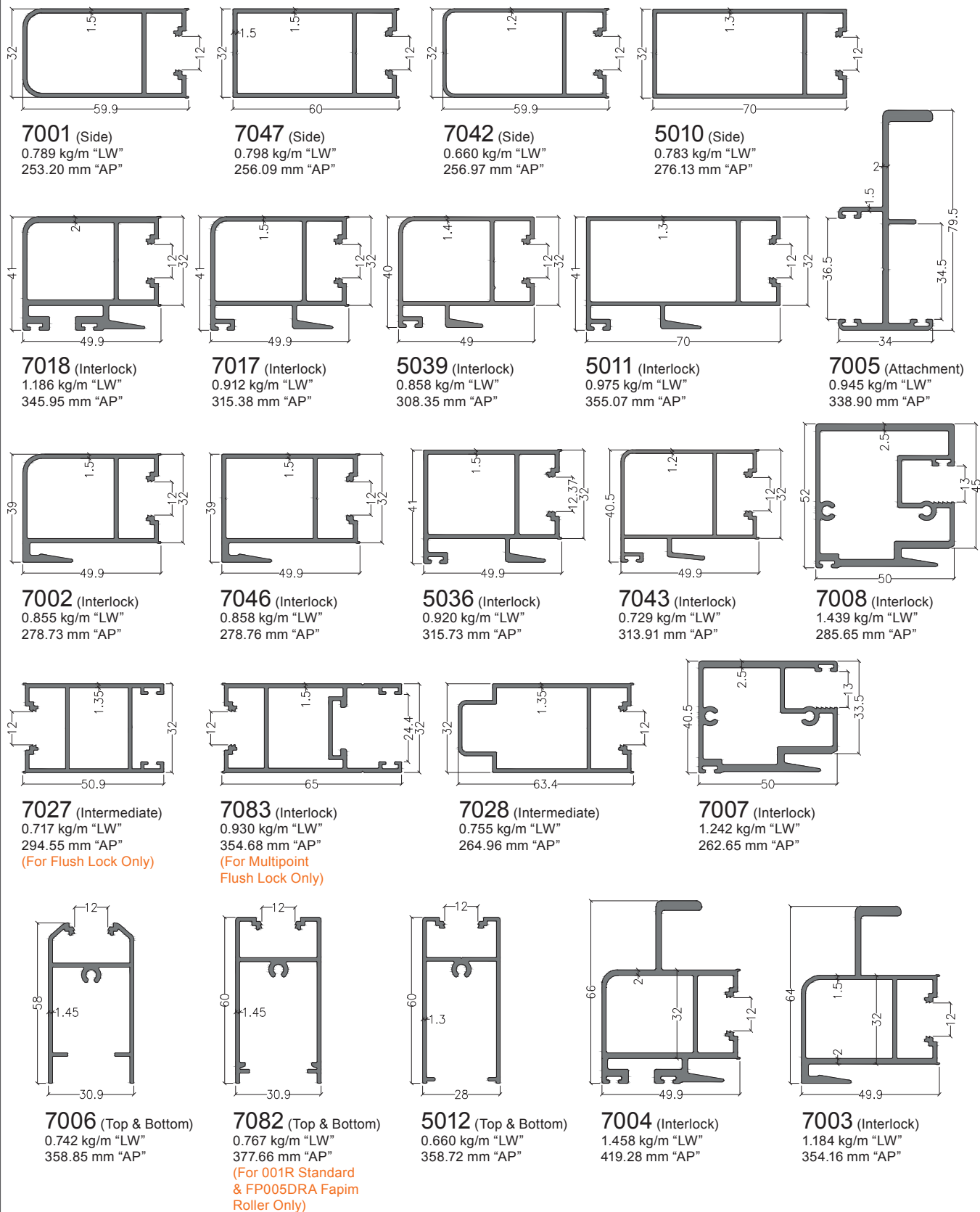
7960
0.439 kg/m "LW"
254.48 mm "AP"



7097
0.636 kg/m "LW"
366.54 mm "AP"

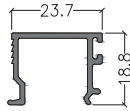
Sectional Details

Top, Bottom, Side, Interlock, Intermediate Inner Frames

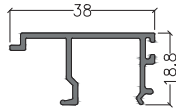


Sectional Details

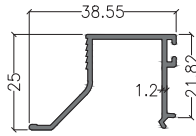
Glazing Beads, Attachment & Support Frames



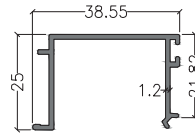
7009 (7013 & 7014)
0.240 kg/m "LW"
141.48 mm "AP"



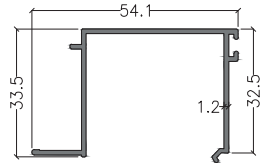
7010 (7013 & 7014)
0.303 kg/m "LW"
173.83 mm "AP"



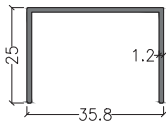
7023 (7020 & 7021)
0.289 kg/m "LW"
178.28 mm "AP"



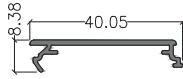
7024 (7020 & 7021)
0.312 kg/m "LW"
192.45 mm "AP"



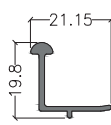
7025 (7021)
0.423 kg/m "LW"
261.42 mm "AP"



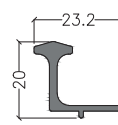
7026
0.271 kg/m "LW"
168.43 mm "AP"



7011 (7013, 7014, 7019 & 7039)
0.193 kg/m "LW"
121.14 mm "AP"

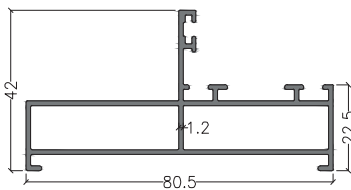


7012 (7013 & 7014)
0.158 kg/m "LW"
81.82 mm "AP"
(For 001R Standard Roller Only)

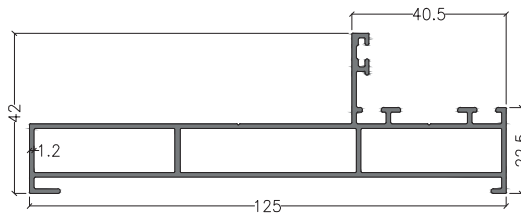


7084 (7013 & 7014)
0.242 kg/m "LW"
86.34 mm "AP"
(For FP005DRA Fapim Roller 70kg Only)

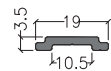
Casement Attachment For Composite window (PCW02-40)



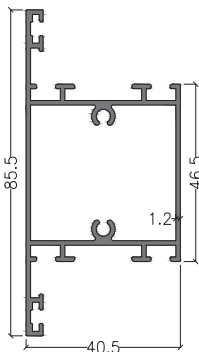
6956
0.875 kg/m "LW"
325.99 mm "AP"



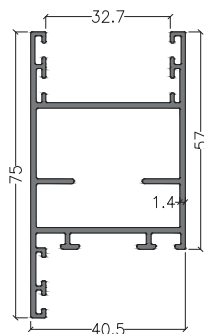
6963 (Outer Frame)
1.222 kg/m "LW"
423.35 mm "AP"



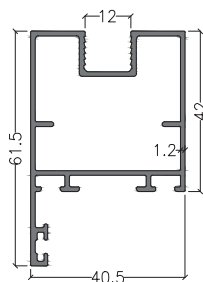
6219 (Slide Bar)
0.117 kg/m "LW"
45.58 mm "AP"



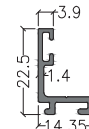
6982 (Mullion)
0.965 kg/m "LW"
383.59 mm "AP"



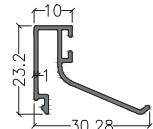
6957 (Inner)
1.006 kg/m "LW"
384.37 mm "AP"



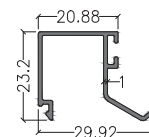
21408 (Inner)
0.798 kg/m "LW"
289.83 mm "AP"



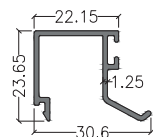
6218
0.179 kg/m "LW"
101.90 mm "AP"



6997 (Beading)
0.219 kg/m "LW"
159.37 mm "AP"



6944 (Beading)
0.228 kg/m "LW"
166.07 mm "AP"



6996 (Beading)
0.286 kg/m "LW"
168.80 mm "AP"

ALBE DOOR PERFORMANCE SLIDING DOOR SLD/PS01 SERIES

Accessories

Flush Locks



A6 (with Key)

A5

Door Locksets



CK80 Double



CK84 Double



CK81 Single



CK83 Single

Rollers



001R



FP006SRA Italy,
FAPIM Sliding Single Roller
(Rating: 40kg)

Hole Plugs



001 (PVC)

Multipoint Flush Lock



SLD109K
with Key
(with Lockbar & Keeper)

Skider



002 (PVC)

Stopper



003

Woolpile



5 x 7 (300 meter/
roll/grey colour)

Weep Hole Cover



LB
ALUMINIUM
BERHAD
198501006093 (138535-V)

HEAD OFFICE & FACTORY

Lot 11, Jalan Perusahaan 1, Kawasan Perusahaan Beranang,
43700 Beranang, Semenyih, Selangor Darul Ehsan, Malaysia.

Tel: +603-8725 8822 (Gen)

Email: enquiry@lbalum.com.my

Website: www.lbalum.com

Fax: +603-8725 8828 (Gen)

+603-8725 8866 (Export)



MS ISO 9001:2015 Cert. No: QMS 00216

Ver. 05/2020