



LB
ALUMINIUM
BERHAD
138535-V



SLD/PS02HD

A heavy duty sliding door suite that is not only designed to perform but also packed with innovative features.



Performance Range

- Heavy duty.

Typical Technical Features

Inner Frame Depth	- 40 mm
Inner Frame Width	- 85 mm & 120 mm
Inner Frame Nominal Wall Thickness	- 1.8 mm
Outer Frames	- 2 and 3 tracks
Outer Frame Depth	- 150 mm
Corner Joints	- Mitre joints with brackets



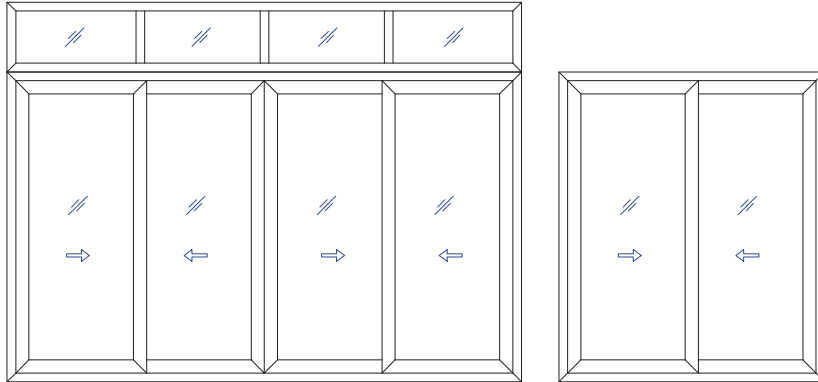
Other Features

Easy Fabrication	Least Profiles Members
Multipoint Locking	Double Glazing Option
European Accessories	

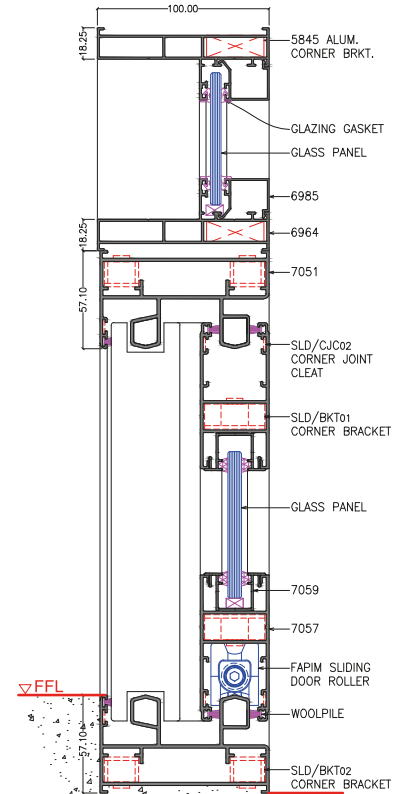


Typical Assembly Details

Typical Elevations - 2 and 4 Sliding Panels

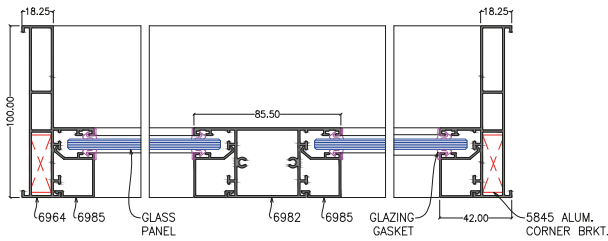


Vertical Sectional View

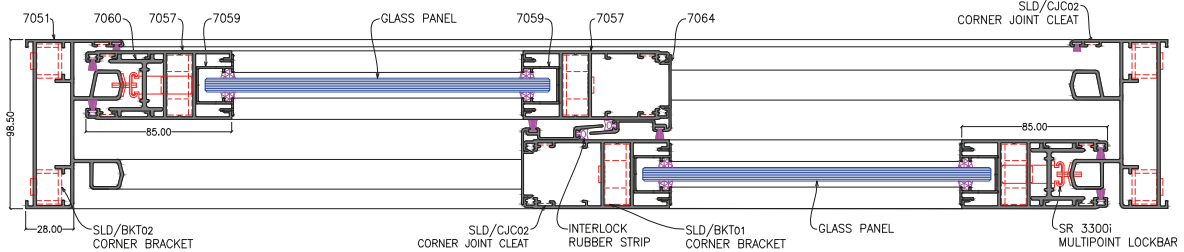


Horizontal Sectional View

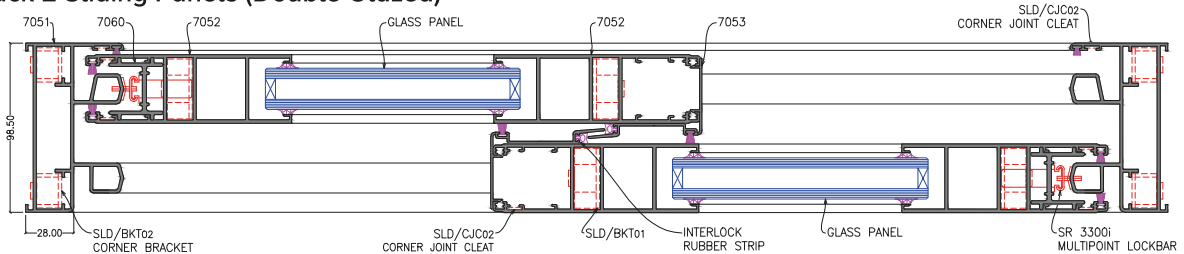
Fixed Glass Panels



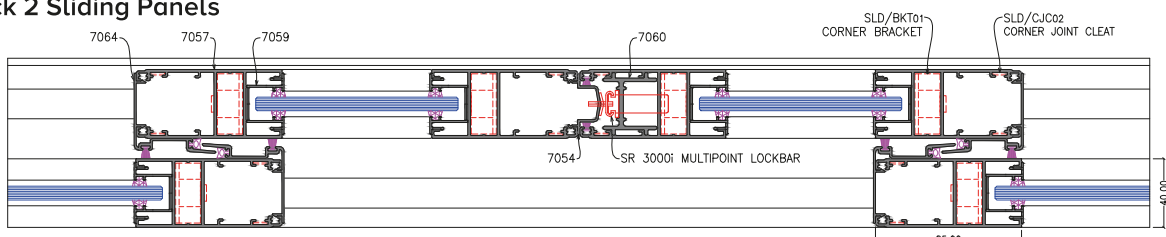
2 Track 2 Sliding Panels (Single Glazed)



2 Track 2 Sliding Panels (Double Glazed)

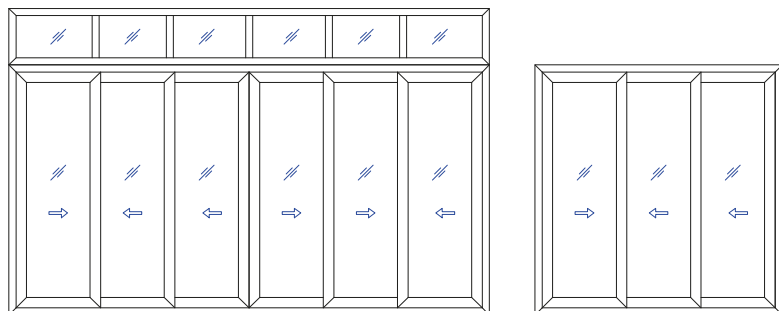


2 Track 2 Sliding Panels



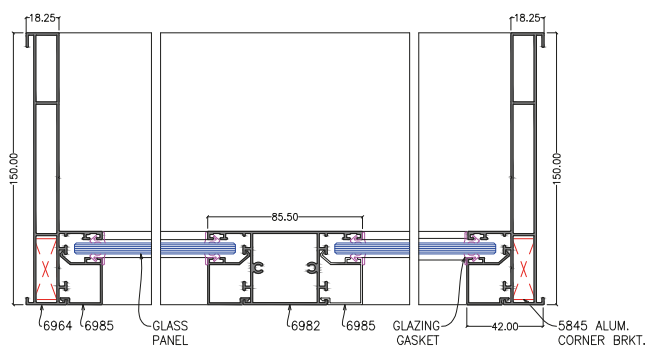
Typical Assembly Details

Typical Elevations - 3 and 6 Sliding Panels

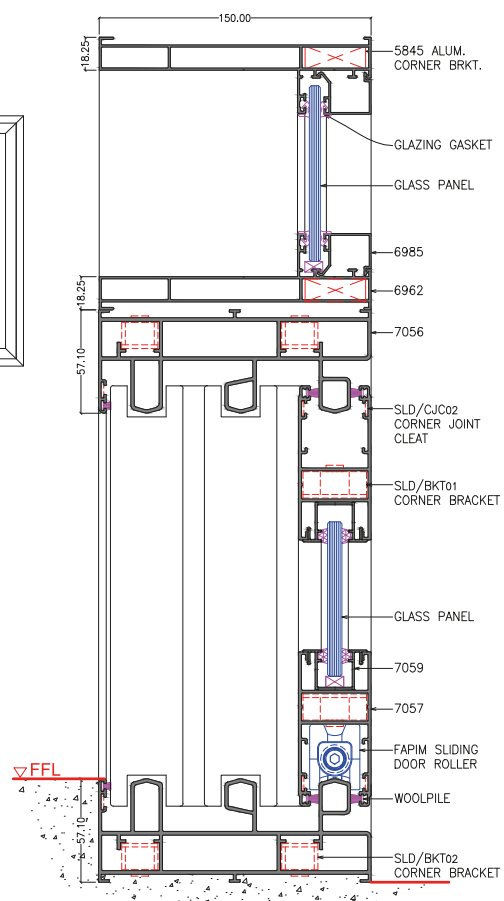


Horizontal Sectional View

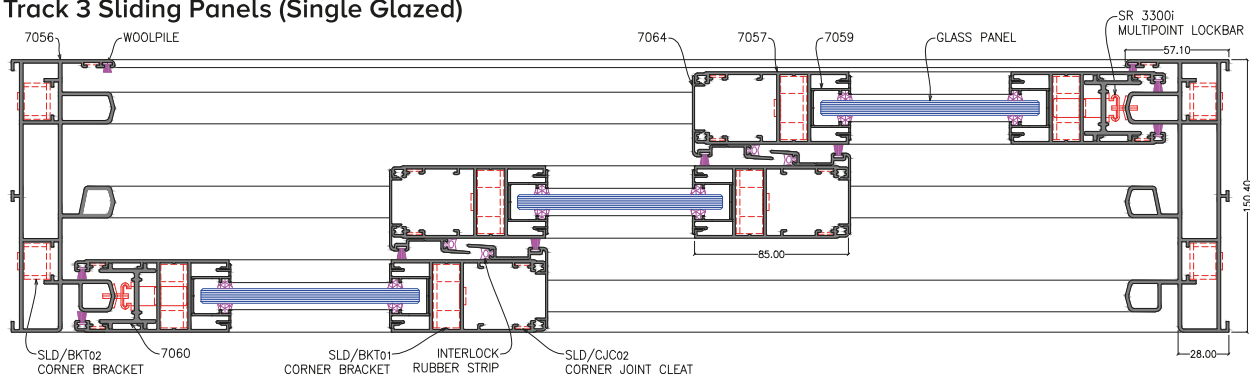
Fixed Glass Panels



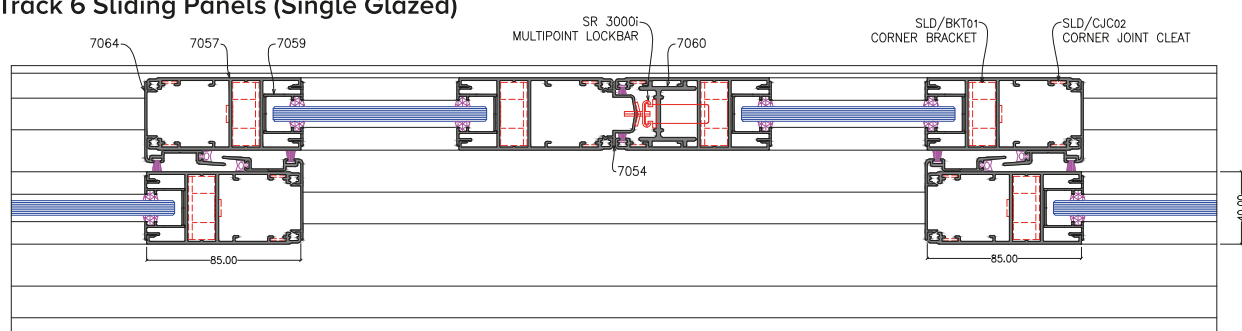
Vertical Sectional View



3 Track 3 Sliding Panels (Single Glazed)



3 Track 6 Sliding Panels (Single Glazed)



Wind Load Chart

Mullion Section No. : 7057(x2) & 7064(x2)

Aluminium Alloy : 6063 - T5

Moment of Inertia Ixx : 32 cm⁴

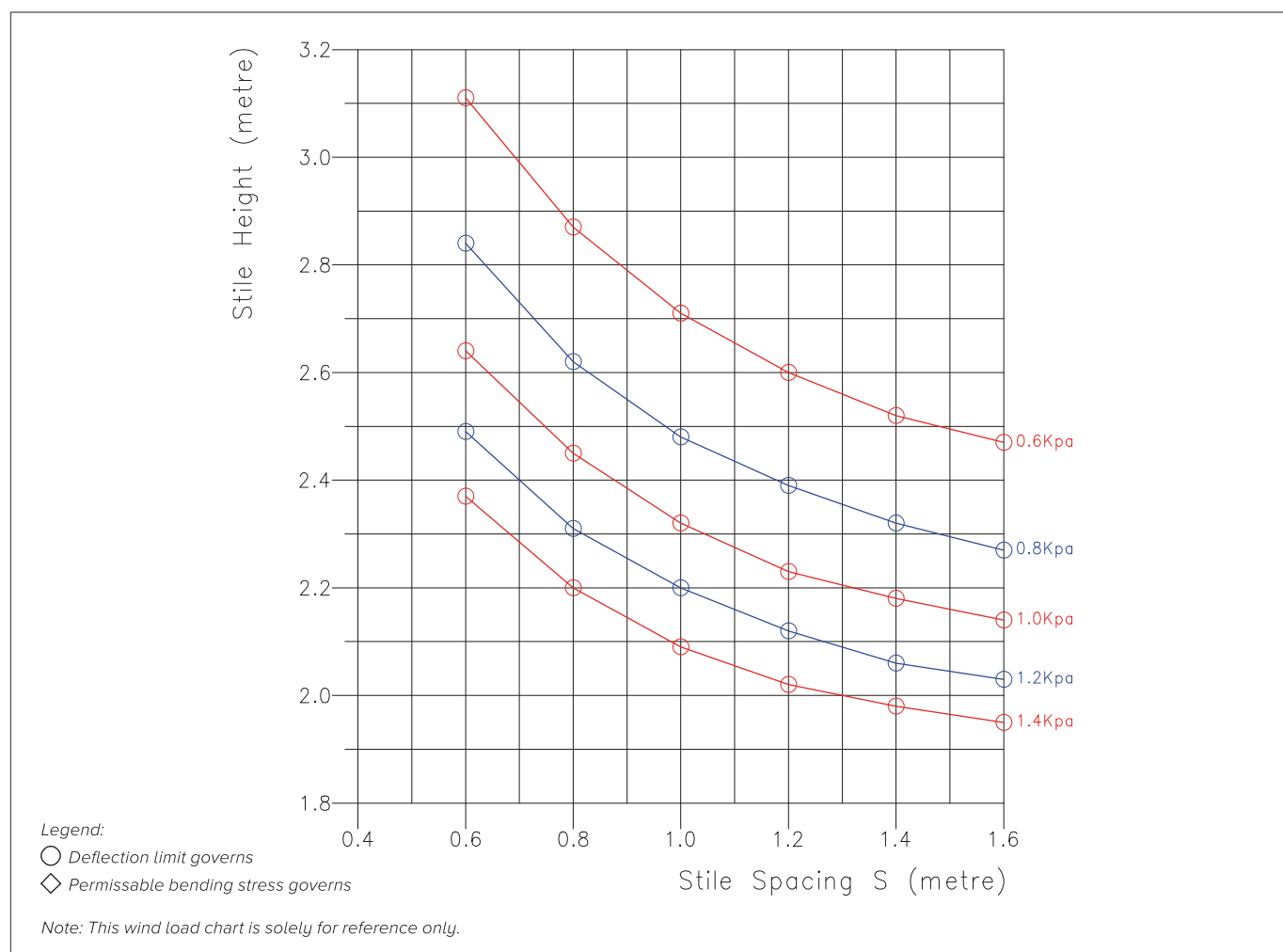
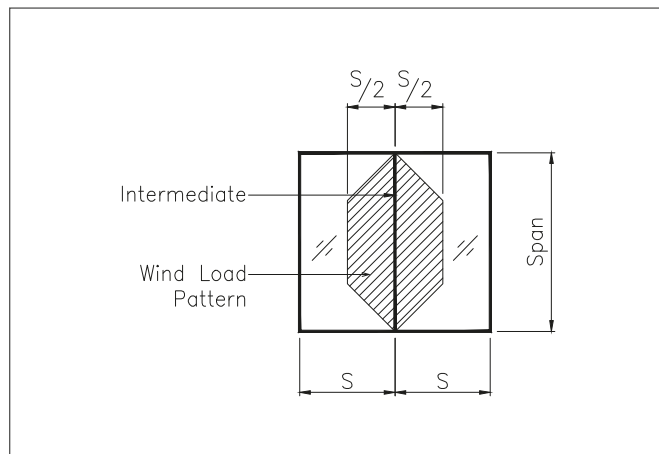
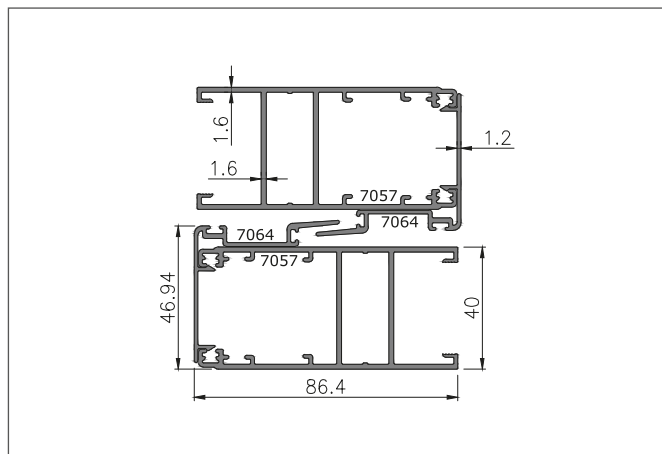
Mod. of Elasticity : 69 x 10⁹ n/m²

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. : 7057(x2) & 7054

Aluminium Alloy : 6063 - T5

Moment of Inertia Ixx : 27.5 cm⁴

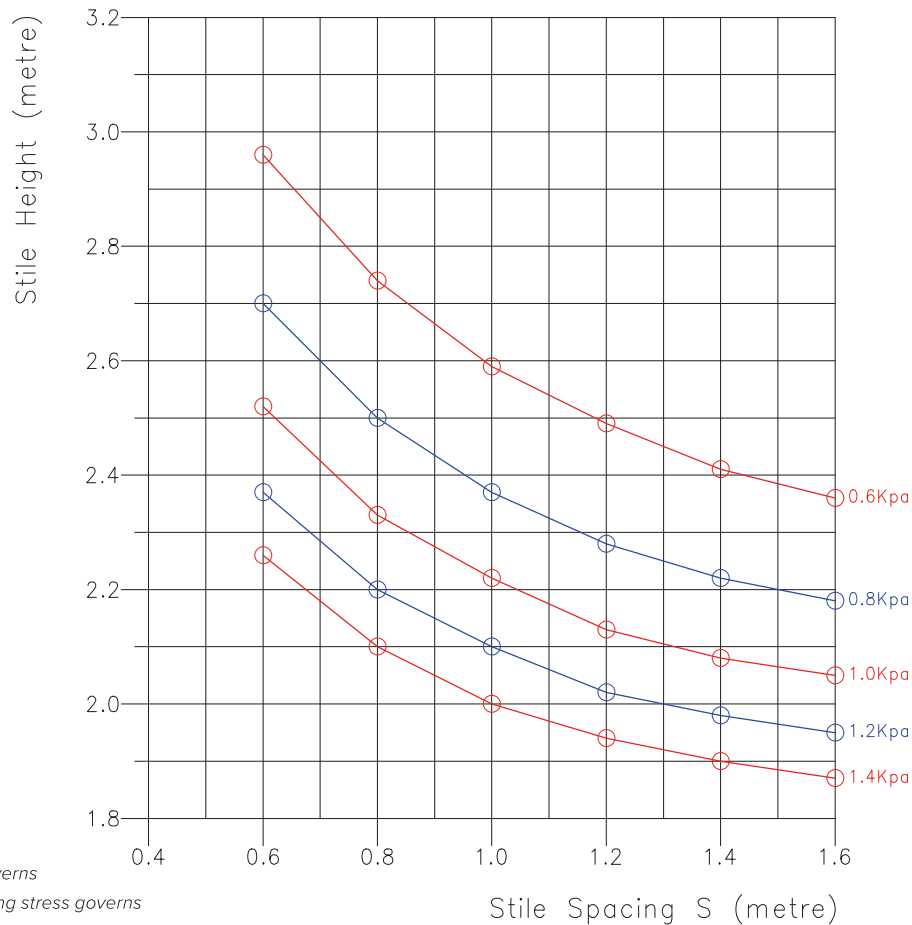
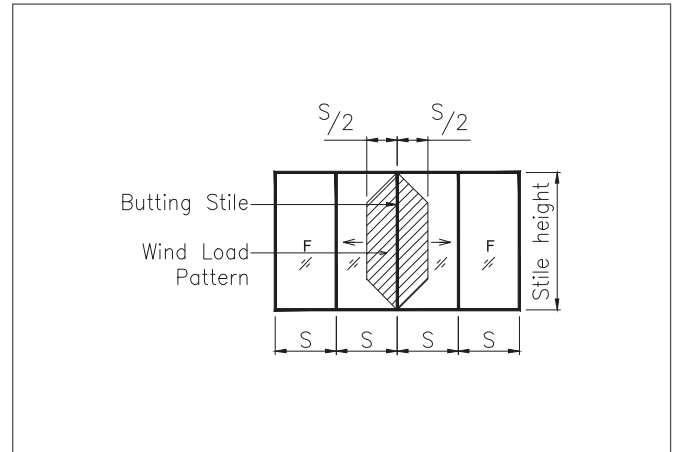
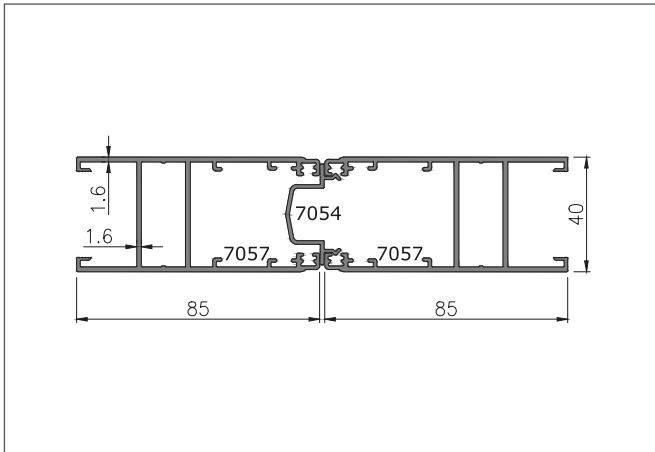
Mod. of Elasticity : 69 x 10⁹ n/m²

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.

ALBEDOOR PERFORMANCE SLIDING DOOR SLD/PS02HD SERIES

Wind Load Chart

Mullion Section No. : 7052(x2) & 7053(x2)

Aluminium Alloy : 6063 - T5

Moment of Inertia Ixx : 47 cm⁴

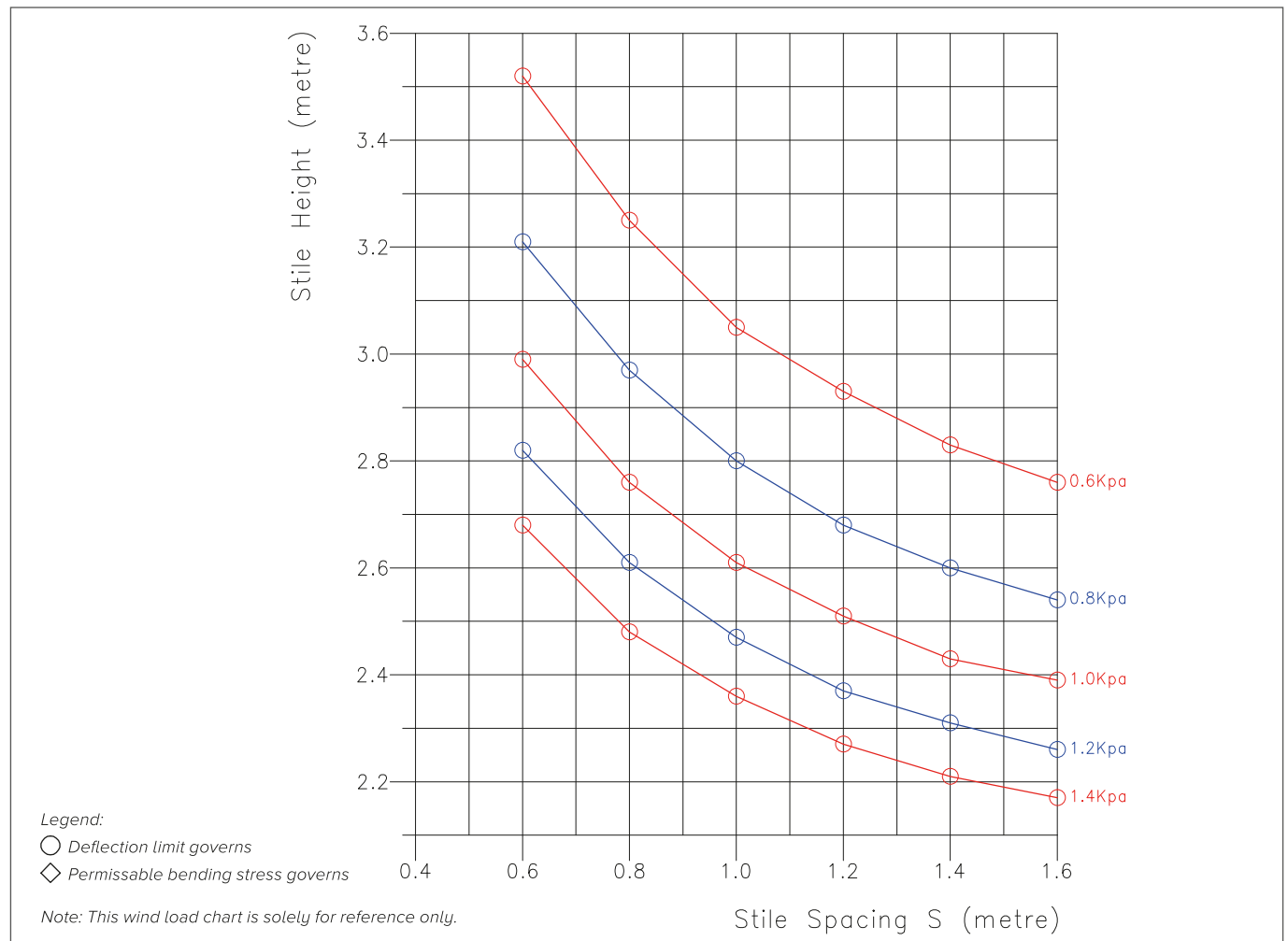
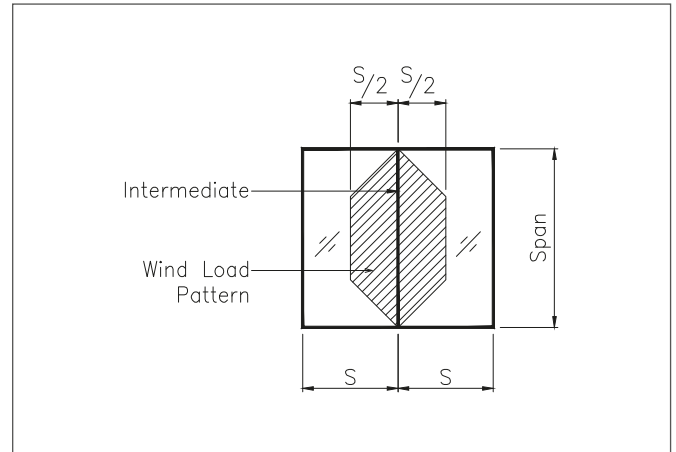
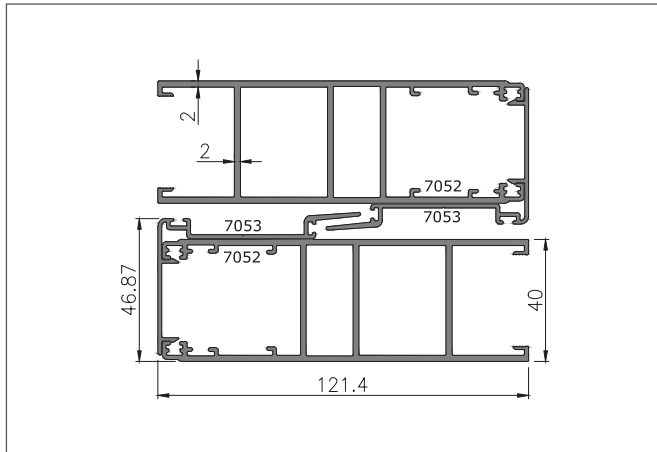
Mod. of Elasticity : 69 x 10⁹ n/m²

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. : 7052(x2) & 7054

Aluminium Alloy : 6063 - T5

Moment of Inertia Ixx : 42.4 cm⁴

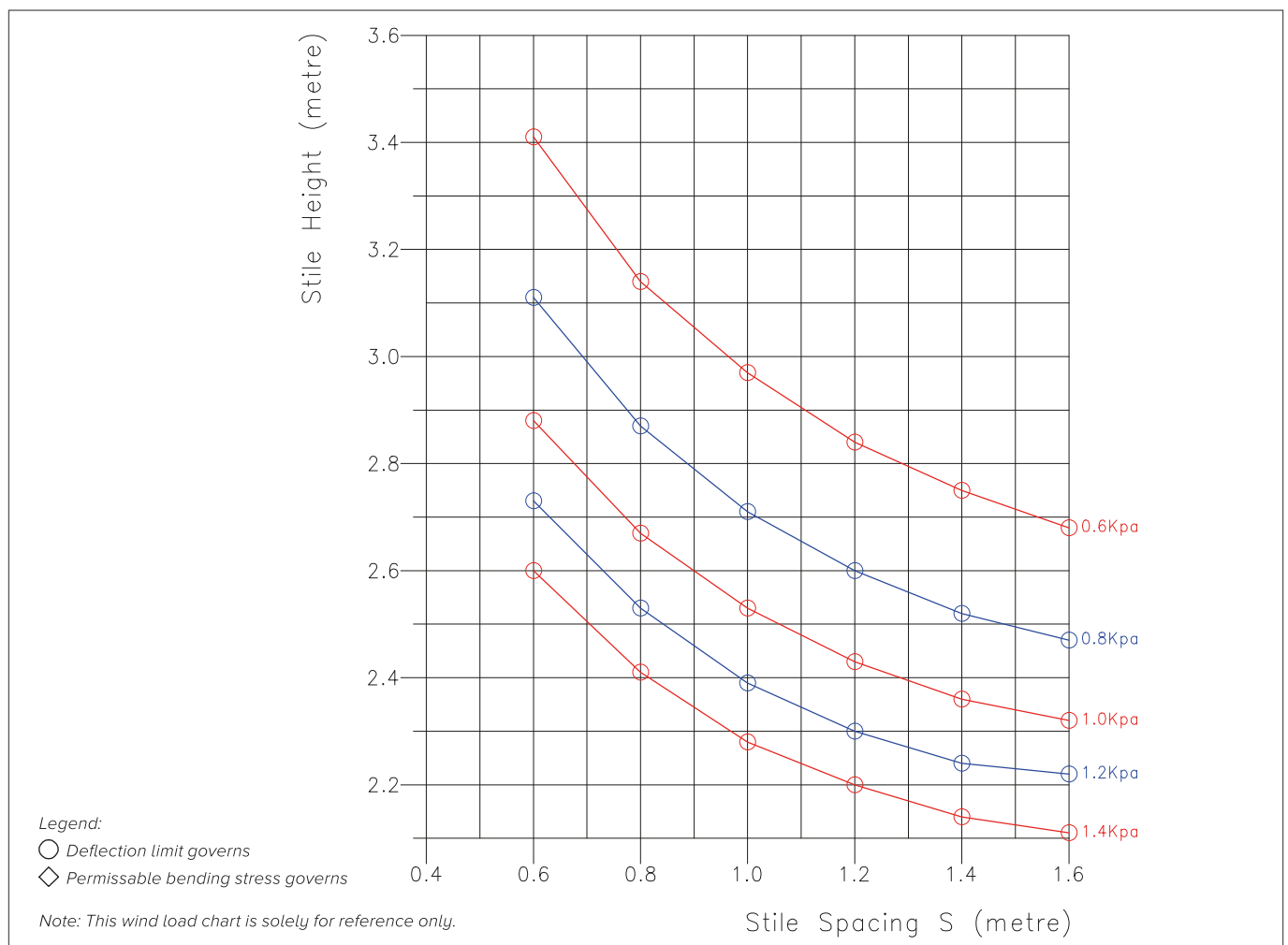
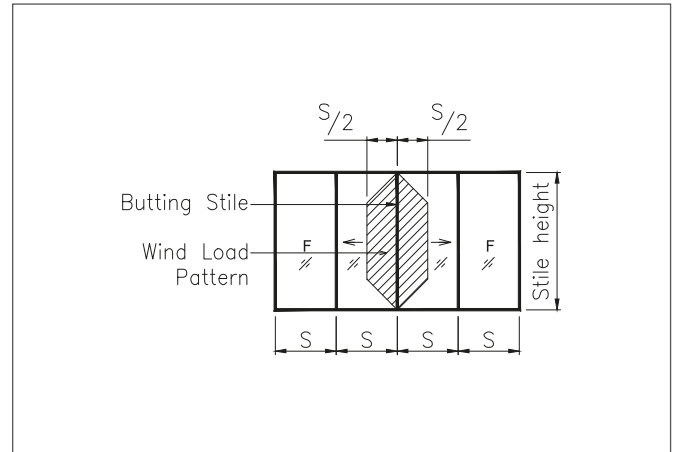
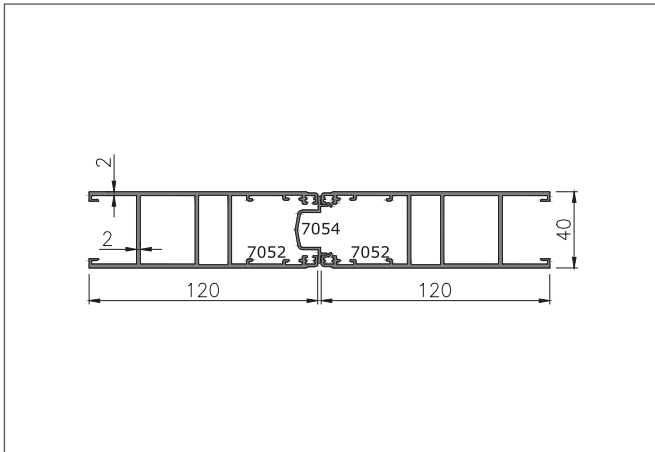
Mod. of Elasticity : 69 x 10⁹ n/m²

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

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

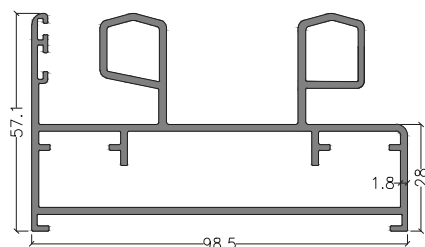
Nature of Anchor : Simply Supported at Both Ends

Typical Configuration of Sliding Door:

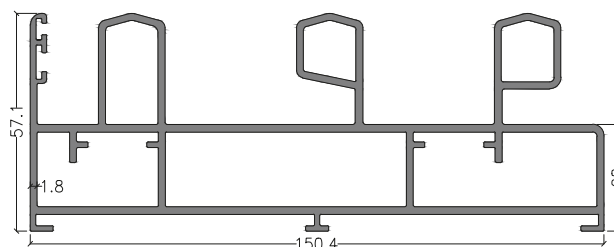


Sectional Details

Outer Frames

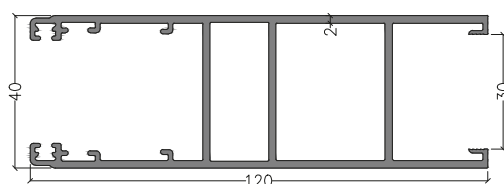


7051
2.200 kg/m "LW"
529.16 mm "AP"

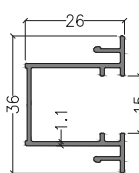


7056
3.448 kg/m "LW"
698.27 mm "AP"

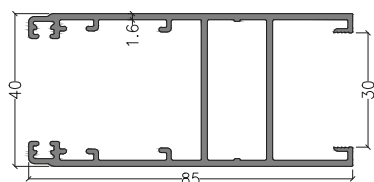
Inner Frames & Glazing Channel



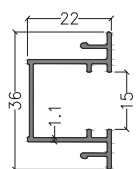
7052
1.994 kg/m "LW"
568.53 mm "AP"
Ixx: 20.7 cm⁴
Iyy: 82.1 cm⁴



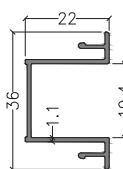
7058 (For 7052)
0.314 kg/m "LW"
215.56 mm "AP"



7057
1.258 kg/m "LW"
496.13 mm "AP"
Ixx: 13.3 cm⁴
Iyy: 27.1 cm⁴

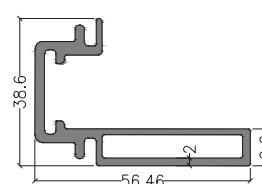


7059 (For 7057)
0.290 kg/m "LW"
199.56 mm "AP"

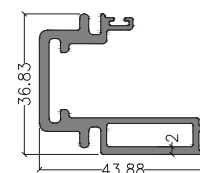


33718 (For 7057)
0.264 kg/m "LW"
183.50 mm "AP"

Corner Joint

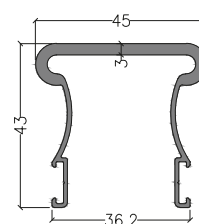


5014
0.952 kg/m "LW"
245.71 mm "AP"

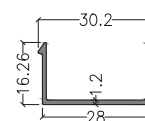


5015
0.849 kg/m "LW"
245.62 mm "AP"

Reinforcement

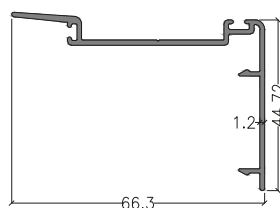


7961
0.757 kg/m "LW"
292.13 mm "AP"

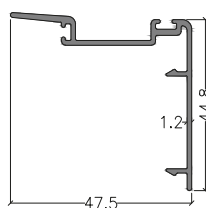


7962
0.179 kg/m "LW"
119.12 mm "AP"

Interlock

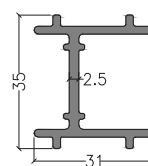


7053 (For 7052)
0.472 kg/m "LW"
276.69 mm "AP"



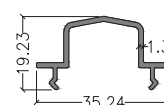
7064 (For 7057)
0.413 kg/m "LW"
238.68 mm "AP"

Attachment For Lock



7060
0.592 kg/m "LW"
201.48 mm "AP"

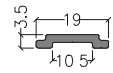
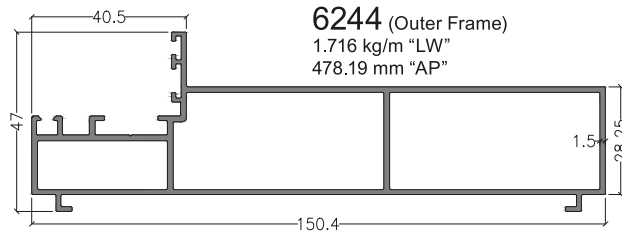
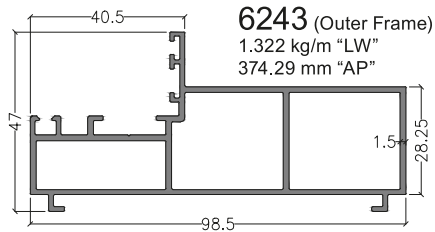
Mid-nose Joint



7054
0.231 kg/m "LW"
136.98 mm "AP"

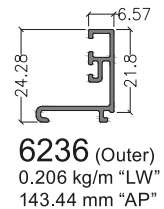
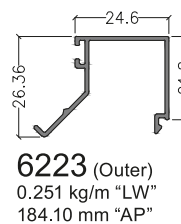
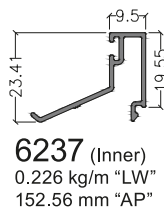
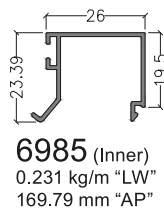
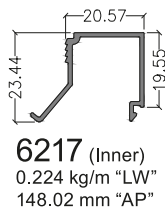
Sectional Details

Casement Attachment For Composite Window (PCW04-40)

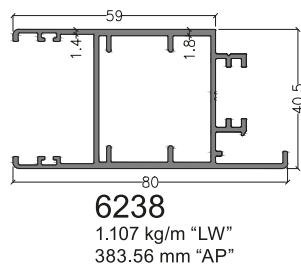
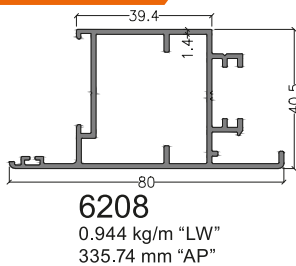


6219 (Slide Bar)
0.117 kg/m "LW"
45.58 mm "AP"

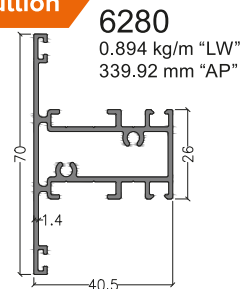
Glazing Beads



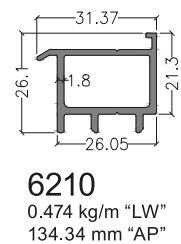
Inner Frames



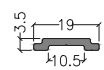
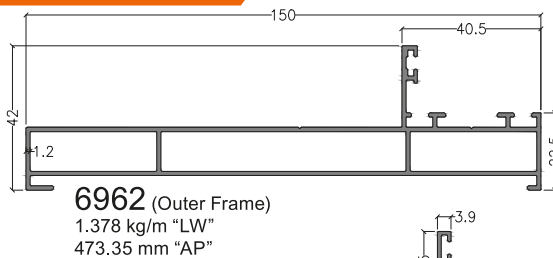
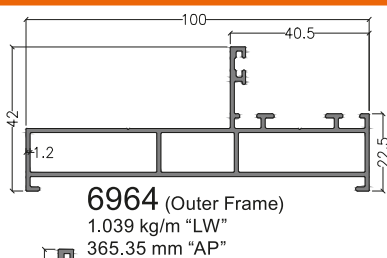
Mullion



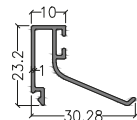
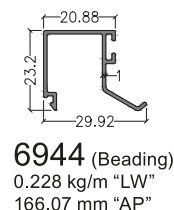
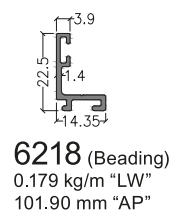
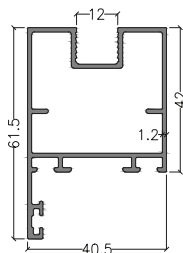
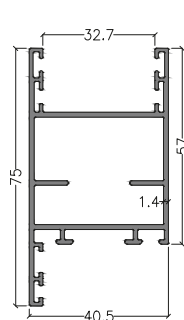
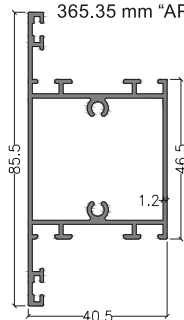
Support



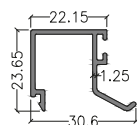
Casement Attachment For Composite Window (PCW02-40)



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



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



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

ALBE DOOR PERFORMANCE SLIDING DOOR SLD/PS02HD SERIES

Accessories

Handles



Cassiopee



CK84 Double



CK83 Single

Multipoint Lockbar



SR3300i
3 Point Multipoint
Lockbar



9936
Fixation
Block

Rollers



NZ01 New Zealand,
ZEBRATTI Roller
(Rating: 150kg)



NZ02 New Zealand,
ZEBRATTI Roller
(Rating: 100kg)



FP005DRA Italy,
FAPIM SPA Roller
(Rating: 70kg)

Stopper



Escutcheon



8645
Screwable
Escutcheon

Support Block



Fixed Panel
Support Block

Interlock Rubber Strip



7055

Corner Joint Angle



SLD/CJC02
(8mm)

Weep Hole Cover



Lock Cylinder



Keeper



Interlock PVC Cover



SLD/IC02

Skider



SLD/SK04

Woolpile



5 x 7

Corner Brackets



SLD/BKT01 (Inner) SLD/BKT02 (Outer)



LB
ALUMINIUM
BERHAD
138535-V

HEAD OFFICE & FACTORY

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MS ISO 9001:2015 Cert. No. QMS 00216