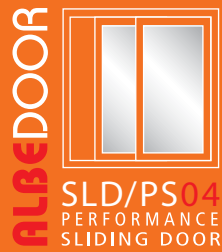




**LB**  
**ALUMINIUM**  
**BERHAD**  
198501006093 (138535-V)



## SLD/PS04

A economical light / medium range sliding door suite to cater to residential applications and larger windows. Yet maintaining all the performance features of the higher range suites.



## Performance Range

- Medium duty.

## Typical Technical Features

Inner Frame Depth	- 32 mm
Inner Frame Width	- 85 mm
Nominal Wall Thickness	- 1.3 - 1.6 mm
Outer Frames	- 2 and 3 Tracks
Outer Frame Depth	- 125 mm (3 Tracks), 80.5 / 56 mm (2 Tracks)
Corner Joints	- Mitre joints with brackets

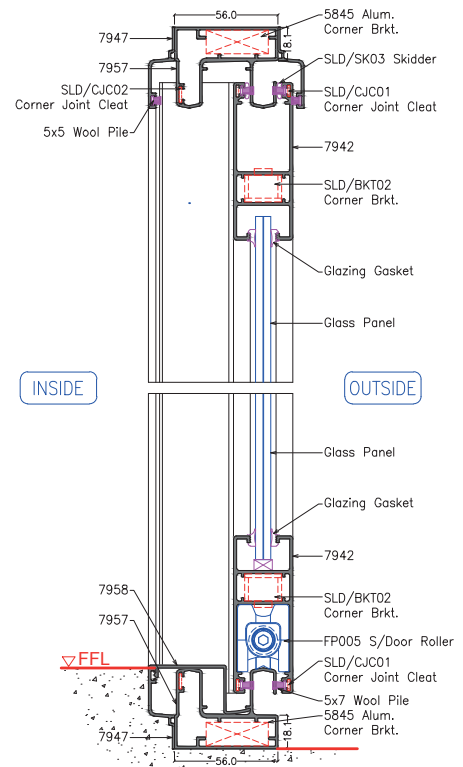
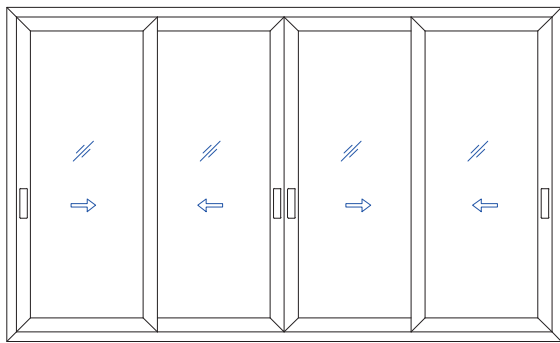
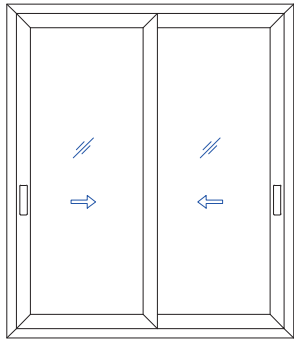
## Other Features

Easy Fabrication  
Least Profiles Members  
Multipoint Locking Option  
Weather Seal in 3 Layers  
Anti-Jump

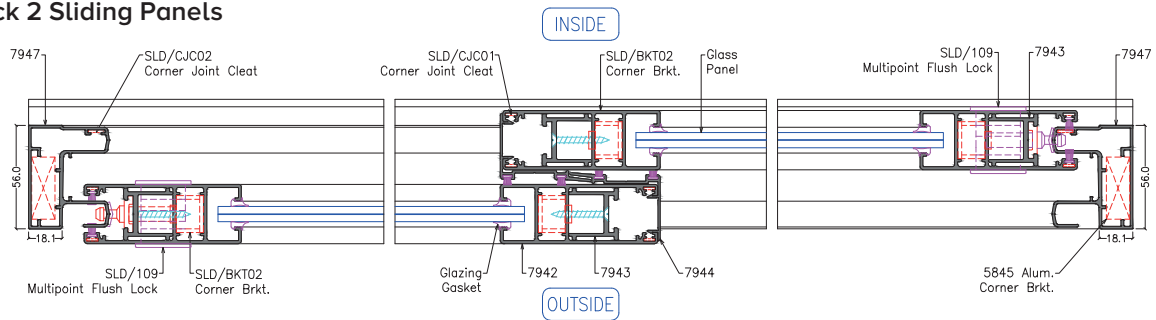


## Typical Assembly Details

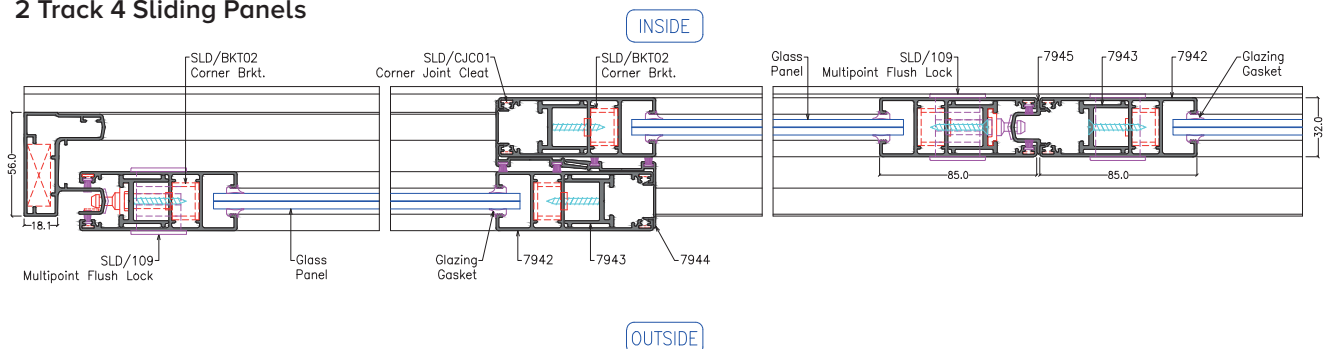
### Typical Elevations - 2 and 4 Sliding Panels



### 2 Track 2 Sliding Panels



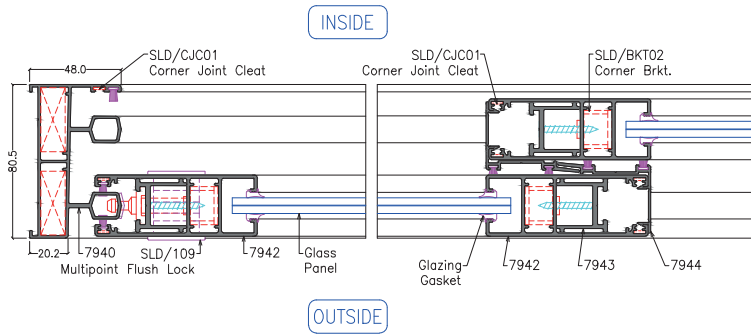
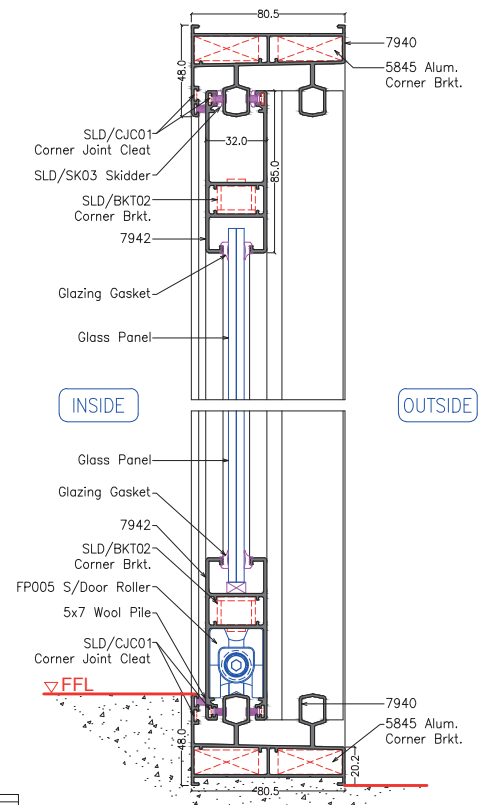
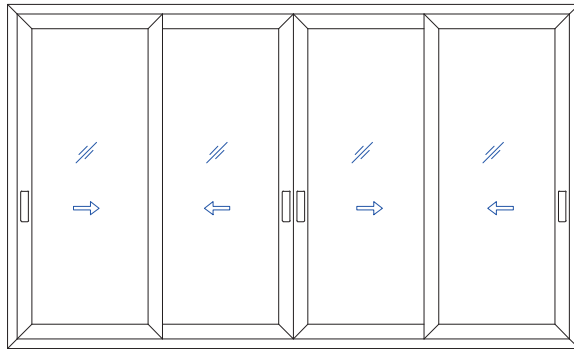
### 2 Track 4 Sliding Panels



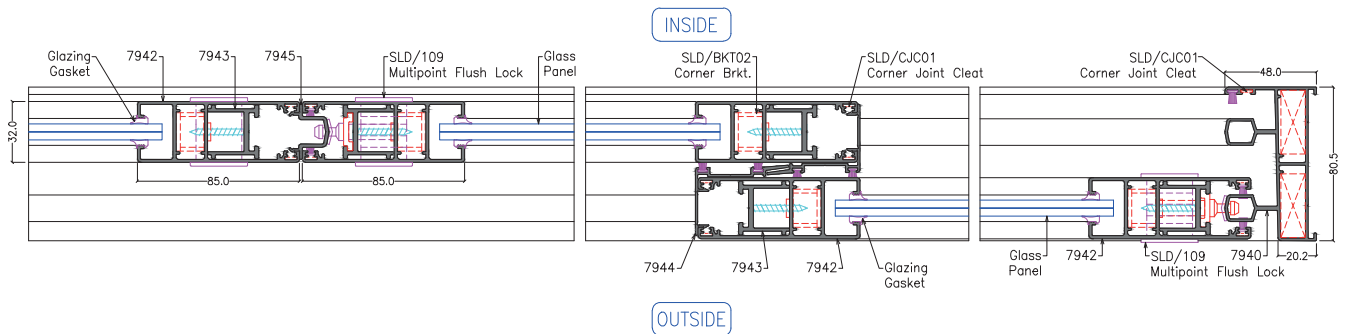


## Typical Assembly Details

### Typical Elevations - 2 and 4 Sliding Panels

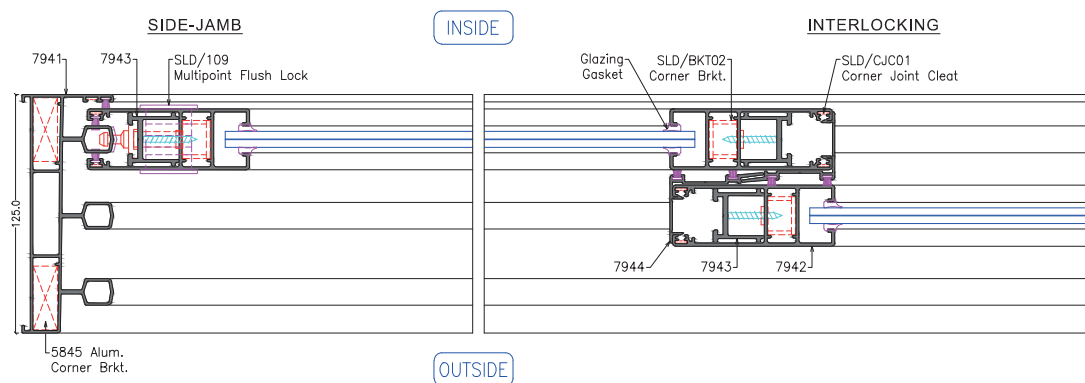
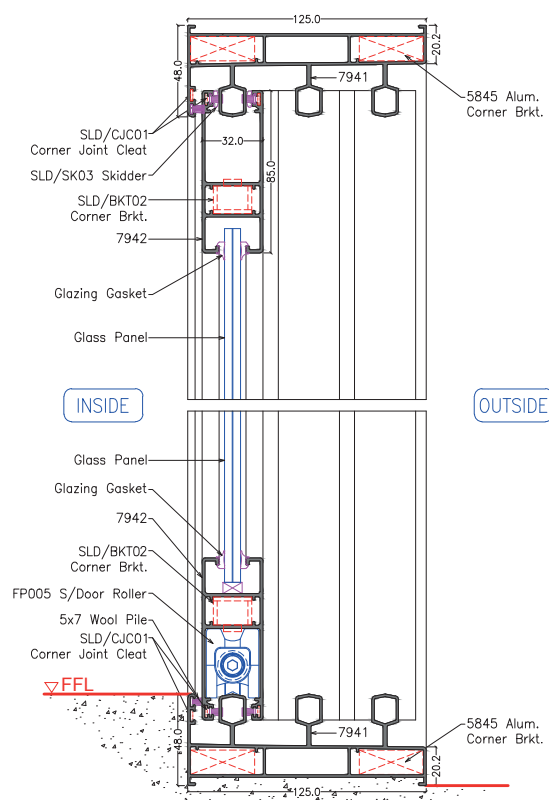
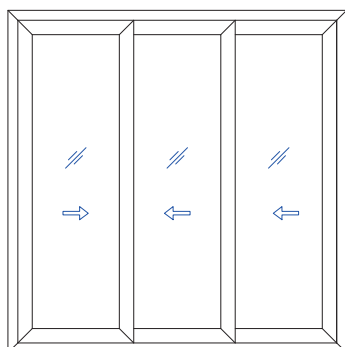


### 2 Track 4 Sliding Panels

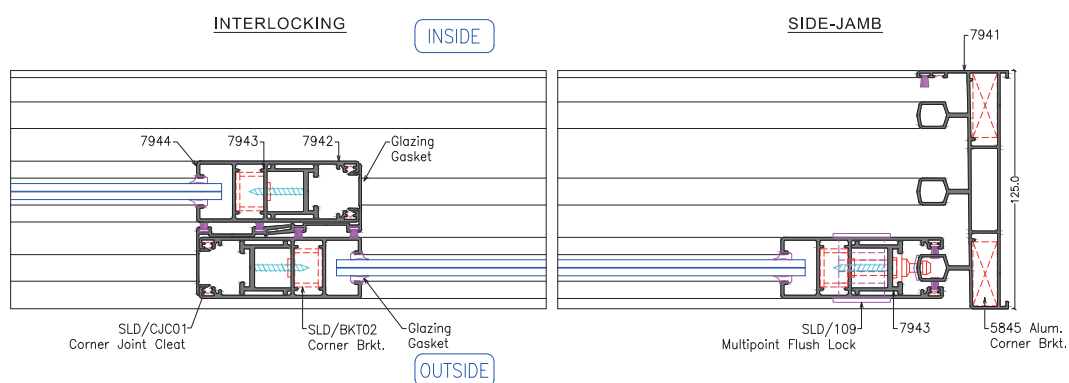


## Typical Assembly Details

### Typical Elevations - 3 and 6 Sliding Panels

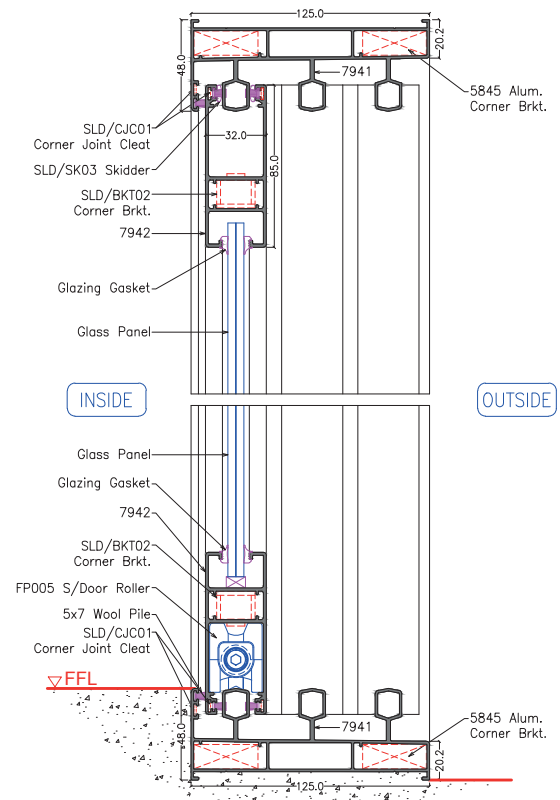
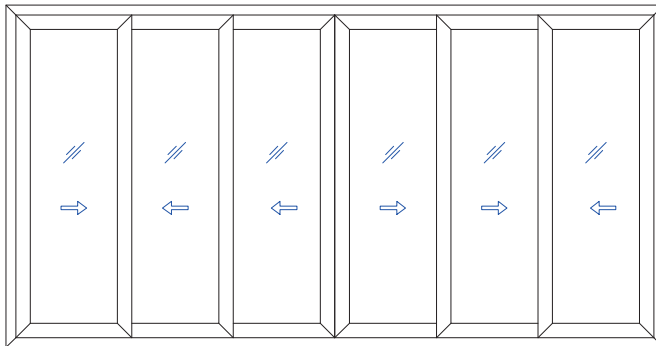


### 3 Track with 3 Sliding Panels

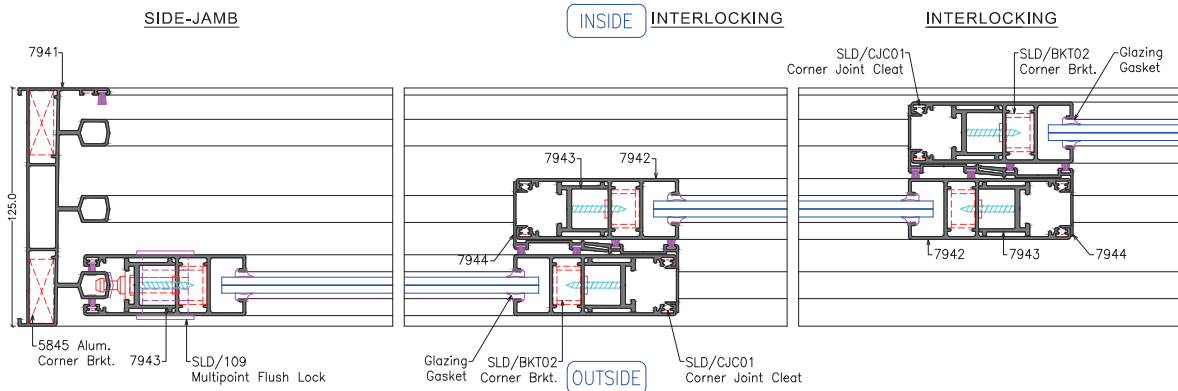


## Typical Assembly Details

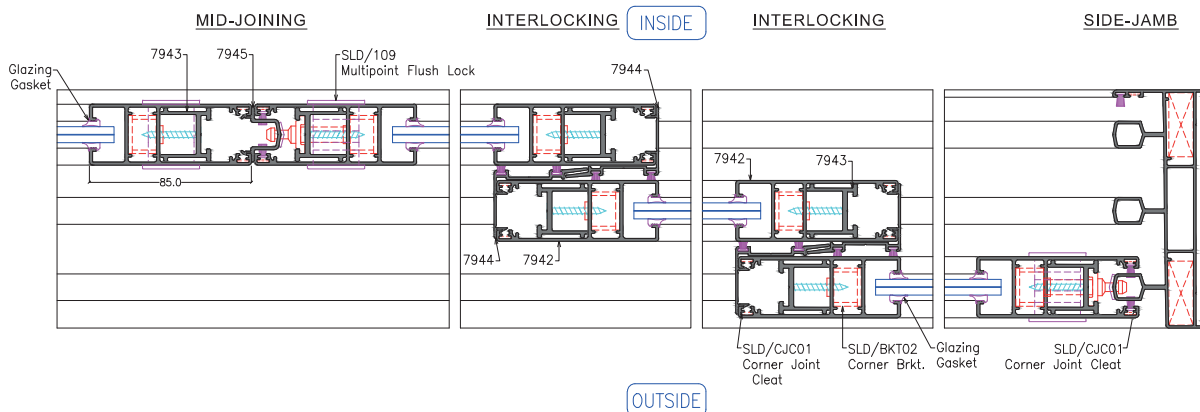
### Typical Elevations - 3 and 6 Sliding Panels



### 3 Track with 3 Sliding Panels



### 3 Track with 6 Sliding Panels



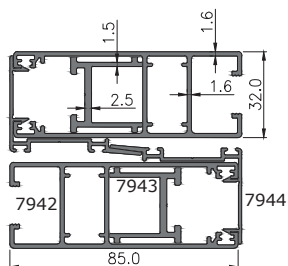


## Wind Load Chart

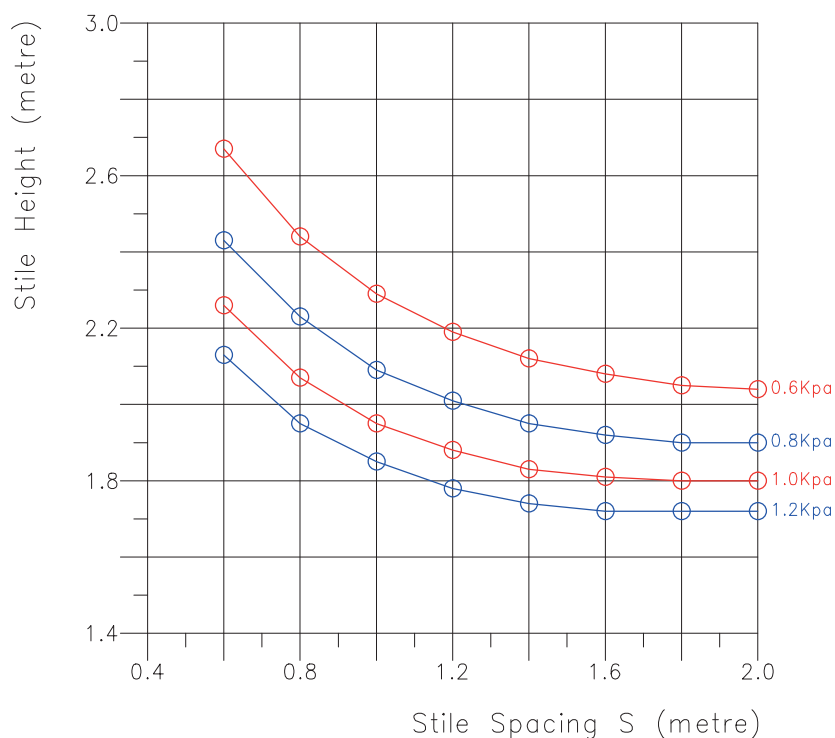
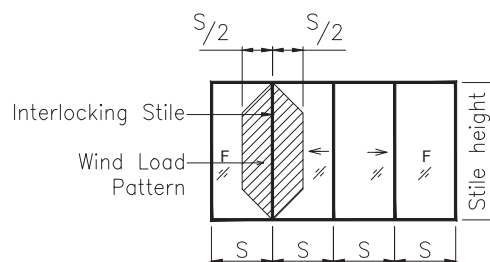
Mullion Section No. : 7942(x2) + 7943(x2) & 7944(x2)  
Aluminium Alloy : 6063 - T5  
Overall Moment of Inertia Ixx : 21.96 cm<sup>4</sup>  
Overall Moment of Resistance MRxx : 986 n-m

Mod. of Elasticity : 70 x 10<sup>9</sup> n/m<sup>2</sup>  
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:



Note: Suffix xx denotes axis perpendicular to wind load.



Legend:

○ Deflection limit governs

◇ Permissible bending stress governs

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

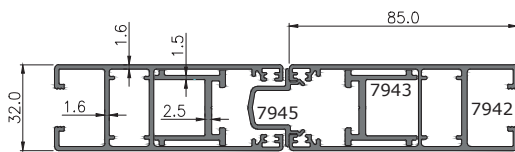


## Wind Load Chart

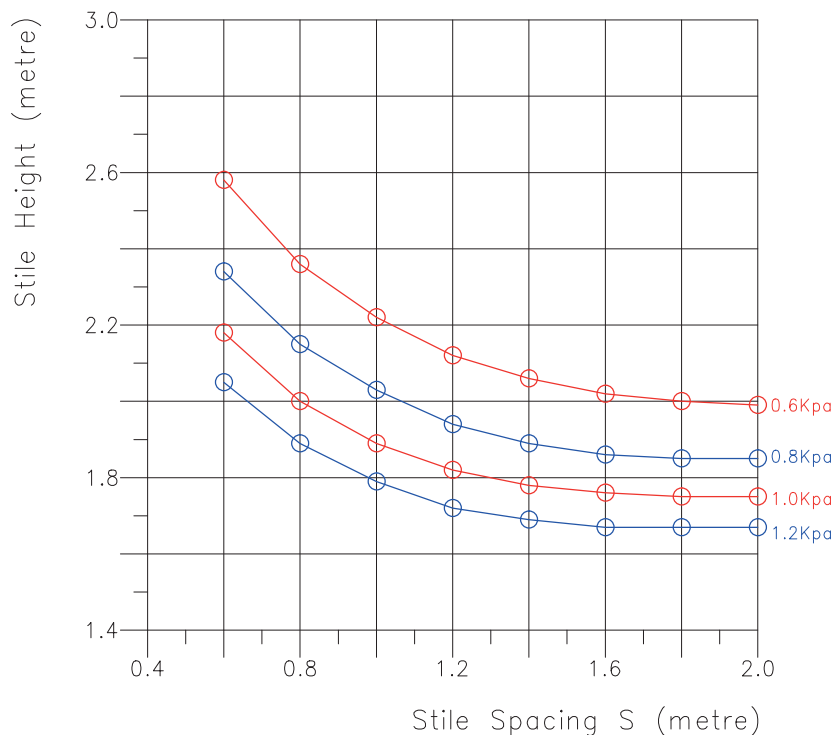
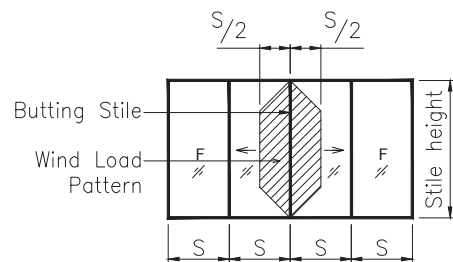
Mullion Section No. : 7942(x2) + 7943(x2) & 7945  
 Aluminium Alloy : 6063 - T5  
 Overall Moment of Inertia Ixx : 19.66 cm<sup>4</sup>  
 Overall Moment of Resistance MRxx : 1012 n-m

Mod. of Elasticity : 70 x 10<sup>9</sup> n/m<sup>2</sup>  
 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:



Note: Suffix xx denotes axis perpendicular to wind load.



Legend:

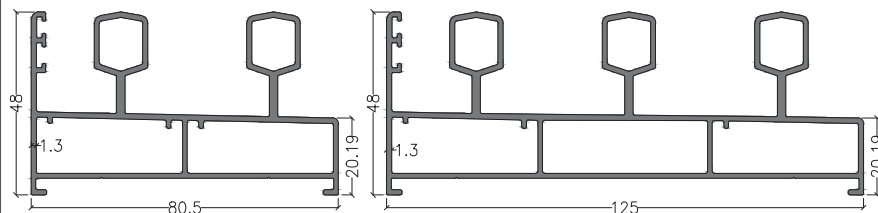
○ Deflection limit governs

◇ Permissible bending stress governs

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

## Sectional Details

### Outer Tracks



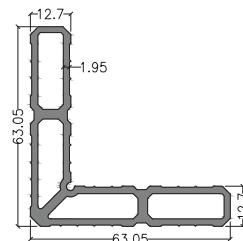
**7940**

1.421 kg/m "LW"  
434.58 mm "AP"

**7941**

2.032 kg/m "LW"  
593.94 mm "AP"

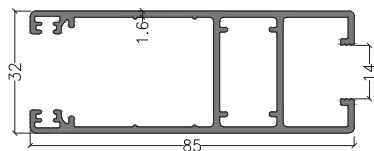
### Corner Brackets



**5845**

1.543 kg/m "LW"  
258.77 mm "AP"

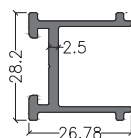
### Inner Frames



**7942**

1.198 kg/m "LW"  
460.76 mm "AP"  
Ixx : 7.93 cm<sup>4</sup>  
Iyy : 28.77 cm<sup>4</sup>

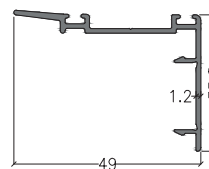
### Attachment For Lock



**7943**

0.450 kg/m "LW"  
171.20 mm "AP"

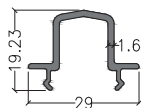
### Interlock



**7944** (For 7942)

0.355 kg/m "LW"  
216.67 mm "AP"

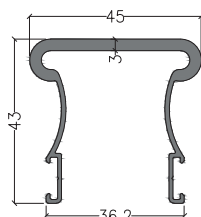
### Mid-nose Joint



**7945**

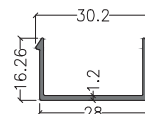
0.259 kg/m "LW"  
131.30 mm "AP"

### Reinforcement Attachments



**7961**

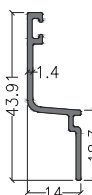
0.757 kg/m "LW"  
292.13 mm "AP"



**7962**

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

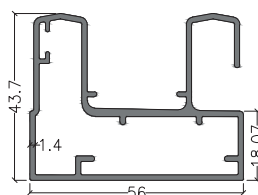
### Attachment For Outer Track



**7947**

0.230 kg/m "LW"  
127.24 mm "AP"

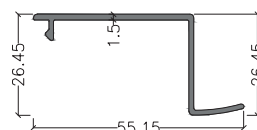
### Outer Track



**7957**

1.044 kg/m "LW"  
295.39 mm "AP"

### Cover For Outer Track

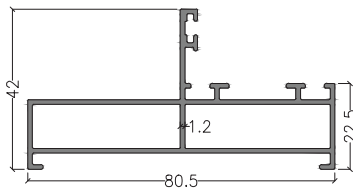


**7958**

0.314 kg/m "LW"  
171.94 mm "AP"

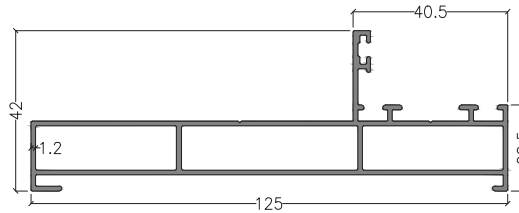
## Sectional Details

### Casement Attachment For Composite Window (PCW02-40)



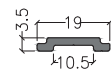
**6956**

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



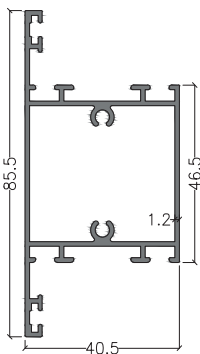
**6963 (Outer Frame)**

1.222 kg/m "LW"  
423.35 mm "AP"



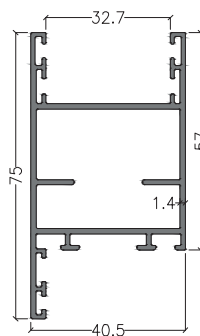
**6219 (Slide Bar)**

0.117 kg/m "LW"  
45.58 mm "AP"



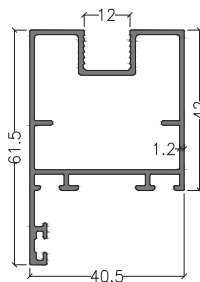
**6982 (Mullion)**

0.965 kg/m "LW"  
383.59 mm "AP"



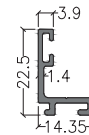
**6957 (Inner)**

1.006 kg/m "LW"  
384.37 mm "AP"



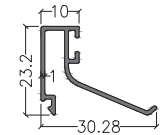
**21408 (Inner)**

0.798 kg/m "LW"  
289.83 mm "AP"



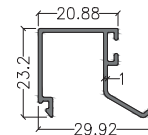
**6218 (Beading)**

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



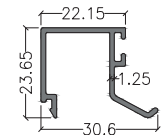
**6997 (Beading)**

0.219 kg/m "LW"  
159.37 mm "AP"



**6944 (Beading)**

0.228 kg/m "LW"  
166.07 mm "AP"



**6996 (Beading)**

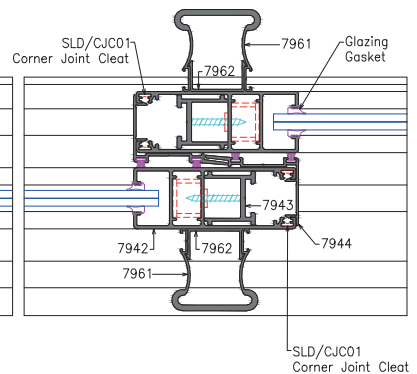
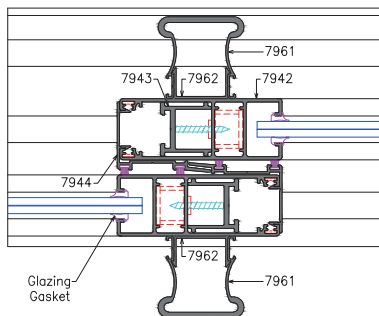
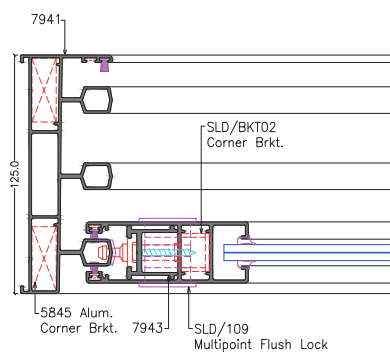
0.286 kg/m "LW"  
168.80 mm "AP"

### 3 Sliding Panels with Attachment

SIDE-JAMB

INSIDE INTERLOCKING

INTERLOCKING



OUTSIDE

# ALBE DOOR PERFORMANCE SLIDING DOOR SLD/PS04 SERIES

## Accessories

### Rollers



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



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

### Door Locksets



CK83 Single



CK84 Double

### Multipoint Flush Lock



SLD109K  
with Key  
(with Lockbar  
& Keeper)

### Fixed Panel Support



SLD/SB01B  
Support Block

SLD/SB02S  
Support Block

### Stopper



### Interlock Cover



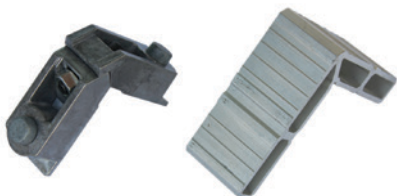
SLD/IC01

### Skider



SLD/SK03

### Corner Brackets



SLD/BKT02  
(Inner Frame)

5845 Alum. Brkt.  
(Outer Track)

### Corner Joint Angle



SLD/CJC01  
(6mm)

### Weep Hole Cover



### Woolpile



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



**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