



LB
ALUMINIUM
BERHAD
198501006093 (138535-V)



PSW01

A performance sliding window with very innovative design features.



Performance Range

- Medium duty.

Typical Technical Features

Nominal Wall Thickness	- 1.35 mm
Inner Frame Depth	- 22 mm
Water Drainage System	- Yes

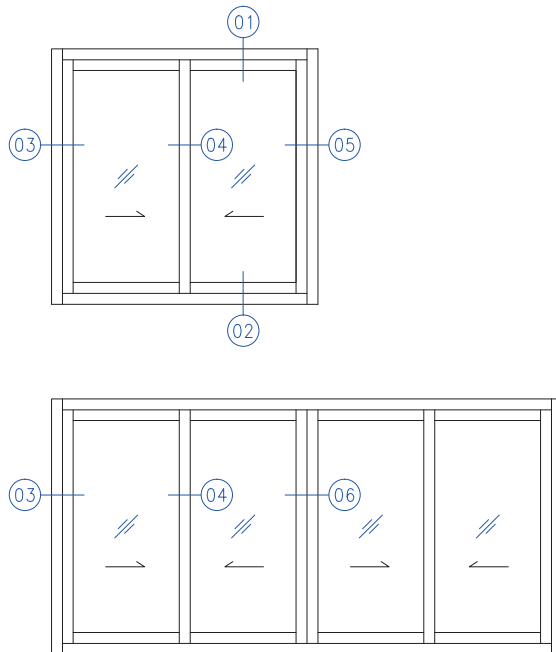


Crescent Lock
(with SS Hook)

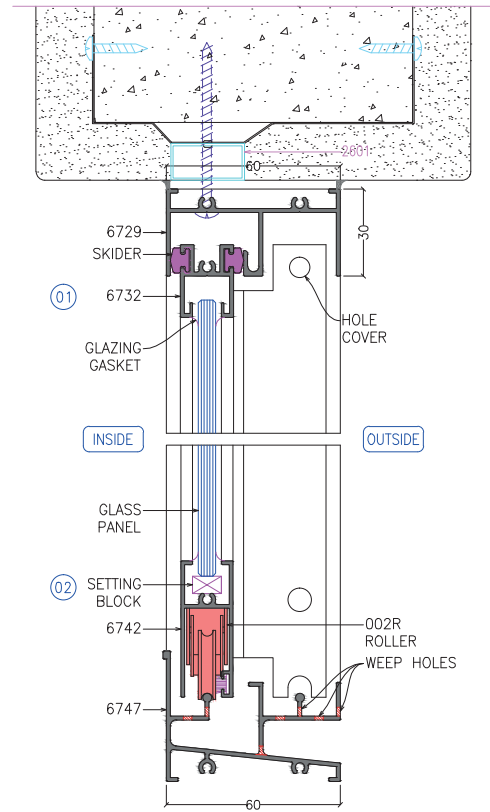


Typical Assembly Details

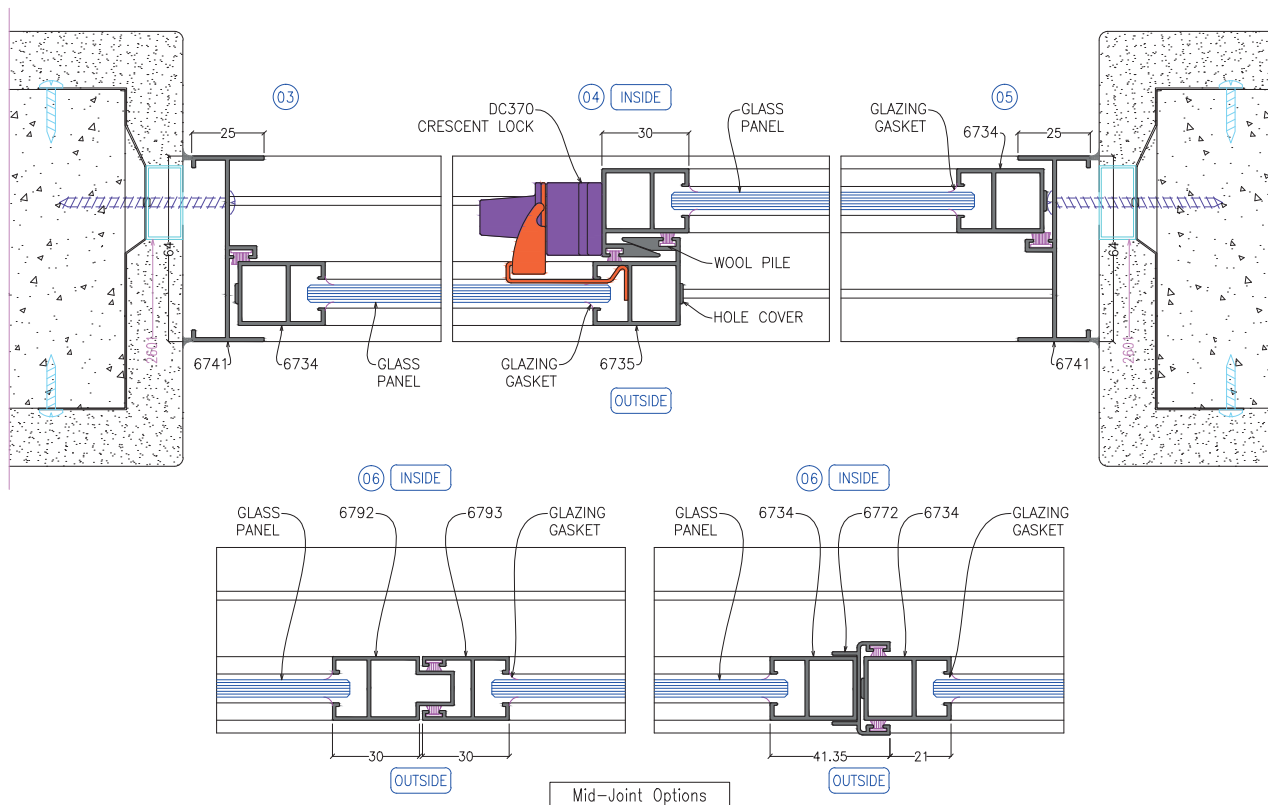
Exterior View



Vertical Sectional View

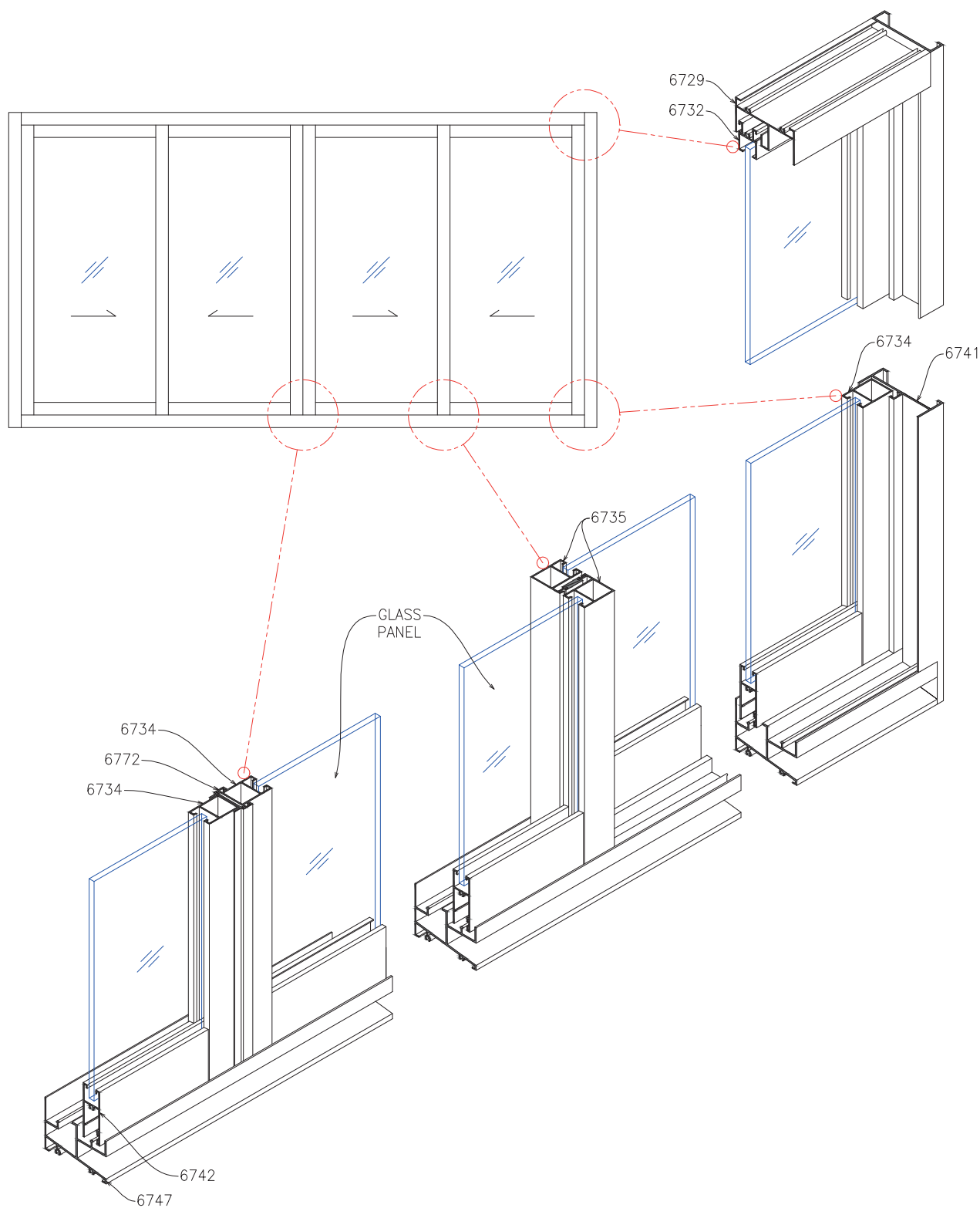


Horizontal Sectional View



Accessories Arrangement

Typical Isometric Cut-out View

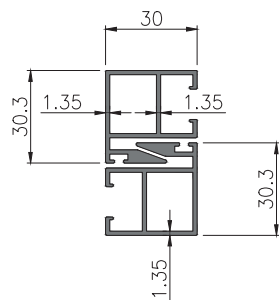


Wind Load Chart

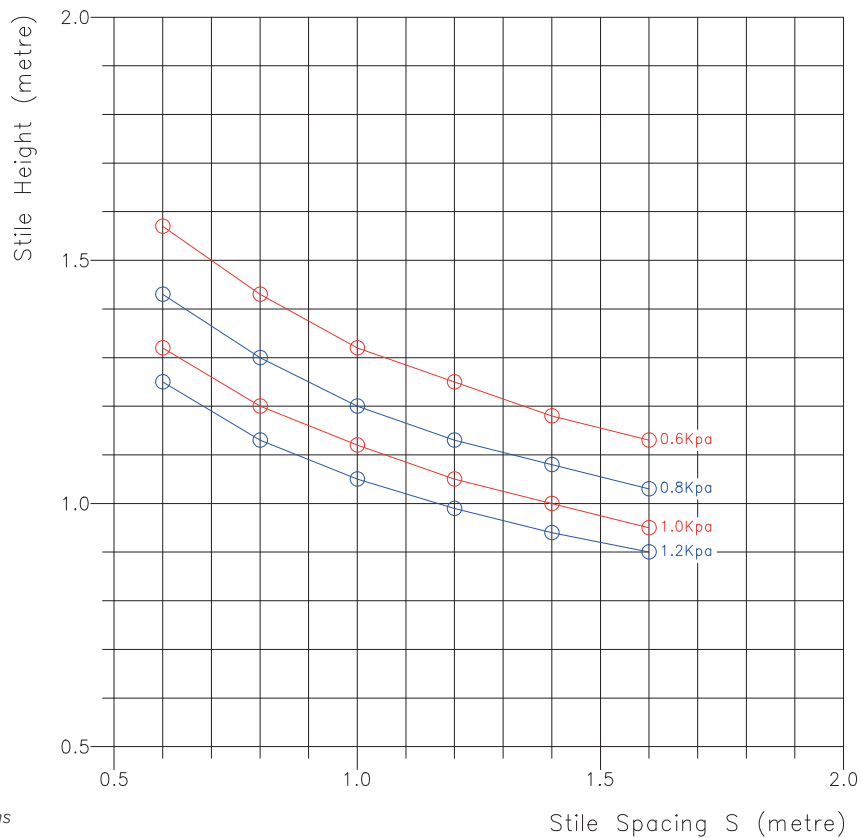
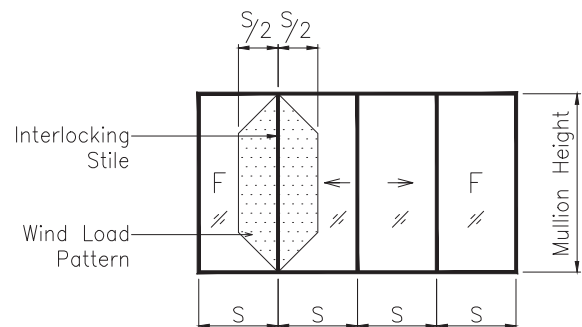
Mullion Section No. : 6735 (x2)
 Aluminium Alloy : 6063 - T5
 Moment of Inertia Ixx : 4.6 cm⁴
 Moment Resistance MRxx : 249 n-m

Mod. of Elasticity : 69 x 10⁹ n/m²
 Deflection Limit : Span/175
 Perm. Bend. Stress : 1.25 x 67 Mpa
 (within slenderness limit)
 Nature of Anchor : Simply Supported at Both Ends

Typical Configuration of Sliding Window:



Note: Suffix xx denotes axis perpendicular to wind load.



Legend:

○ Deflection limit governs

◇ Permissible bending stress governs

- This chart is applicable to wind load pattern as shown only.

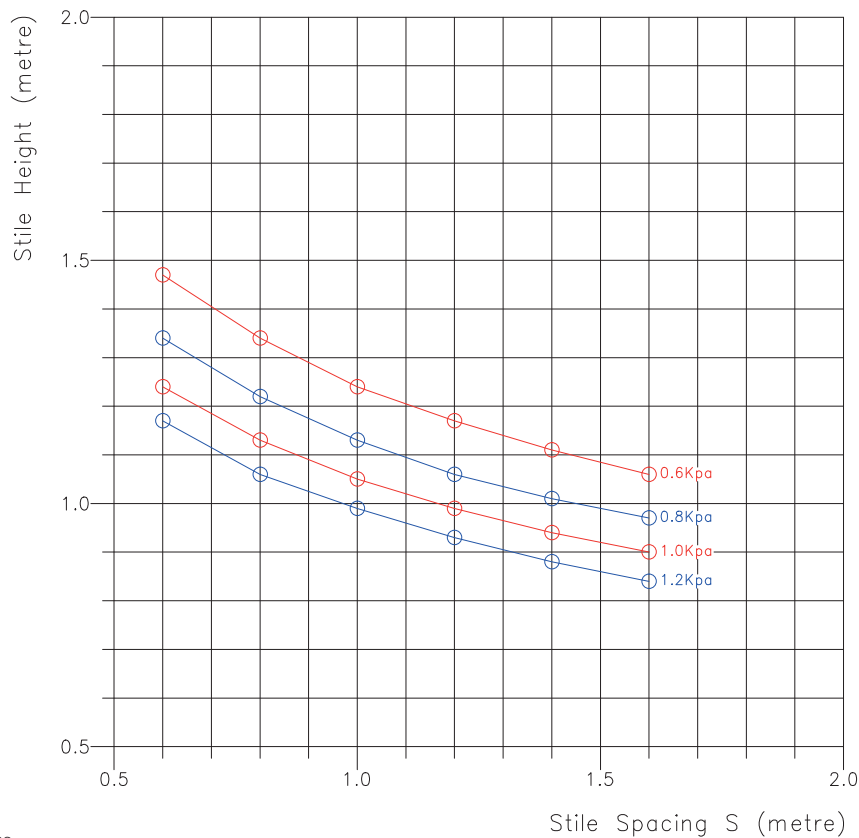
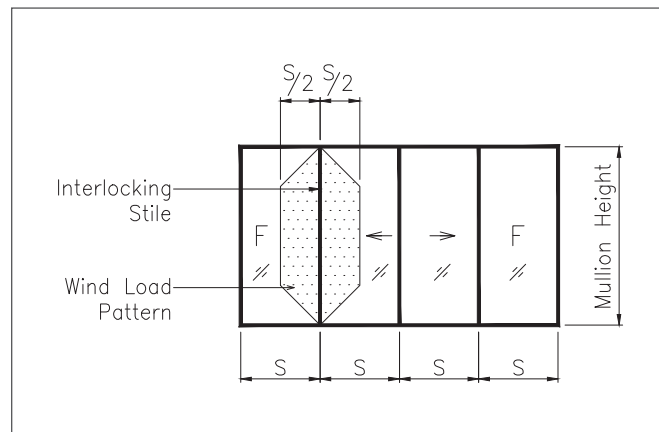
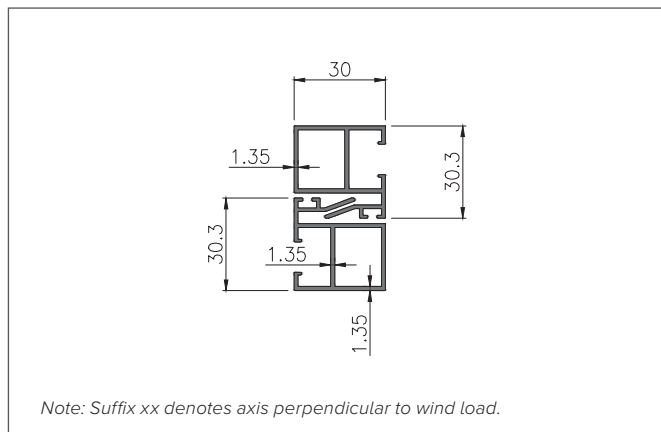
Note: This wind load chart is solely for reference only.

Wind Load Chart

Mullion Section No. : 6789 (x2)
Aluminium Alloy : 6063 - T5
Moment of Inertia Ixx : 3.8 cm⁴
Moment Resistance MRxx : 214 n-m

Mod. of Elasticity : 69×10^9 n/m²
Deflection Limit : Span/175
Perm. Bend. Stress : 1.25 x 67 Mpa
(within slenderness limit)
Nature of Anchor : Simply Supported at Both Ends

Typical Configuration of Sliding Window:



Legend:

○ Deflection limit governs

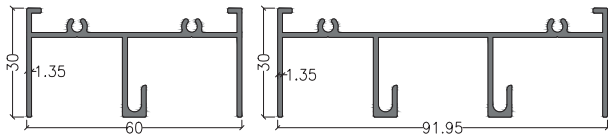
◇ Permissible bending stress governs

- This chart is applicable to wind load pattern as shown only.

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

Sectional Details

Top Tracks



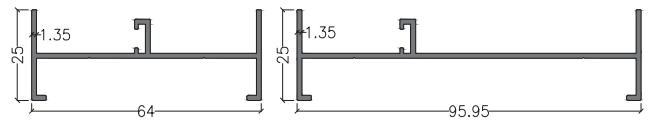
6729

0.635 kg/m "LW"
339.69 mm "AP"

6743

0.882 kg/m "LW"
470.20 mm "AP"

Side Jamb



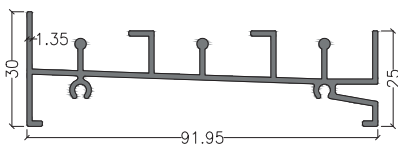
6741

0.479 kg/m "LW"
264.95 mm "AP"

6744

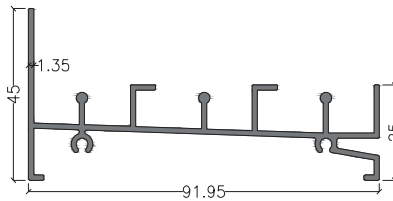
0.596 kg/m "LW"
328.85 mm "AP"

Bottom Tracks



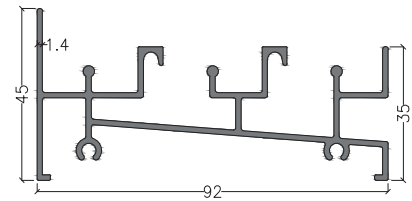
6745

0.895 kg/m "LW"
475.74 mm "AP"



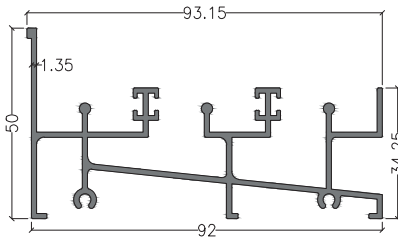
6748

0.948 kg/m "LW"
505.01 mm "AP"



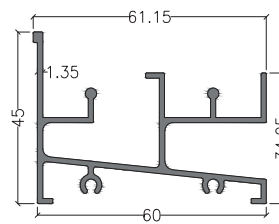
6765

1.239 kg/m "LW"
625.92 mm "AP"



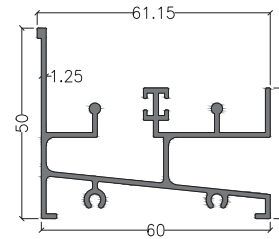
6794

1.334 kg/m "LW"
707.44 mm "AP"



6747

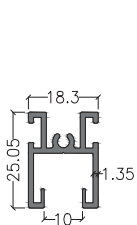
0.901 kg/m "LW"
459.67 mm "AP"



6773

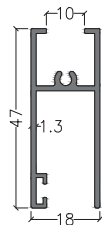
0.894 kg/m "LW"
500.66 mm "AP"

Inner Frames, Interlocks & Attachment



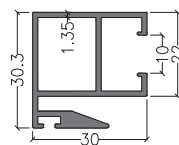
6732 (Top)

0.366 kg/m "LW"
195.81 mm "AP"



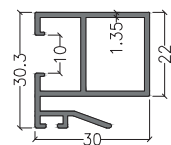
6742 (Bottom)

0.470 kg/m "LW"
261.46 mm "AP"



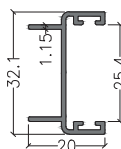
6735 (Interlock)

0.563 kg/m "LW"
212.11 mm "AP"



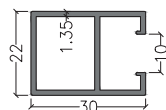
6789 (Interlock)

0.511 kg/m "LW"
216.01 mm "AP"



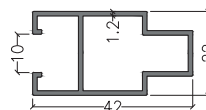
6772 (Attachment)

0.255 kg/m "LW"
165.54 mm "AP"



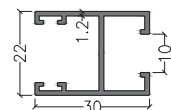
6734 (Side)

0.400 kg/m "LW"
149.91 mm "AP"



6792 (Mid Joint)

0.439 kg/m "LW"
174.45 mm "AP"



6793 (Mid Joint)

0.335 kg/m "LW"
209.17 mm "AP"

Accessories

Crescent Locks



DC310



DC320

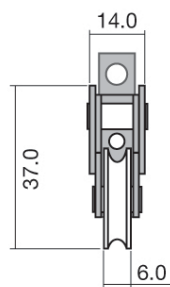
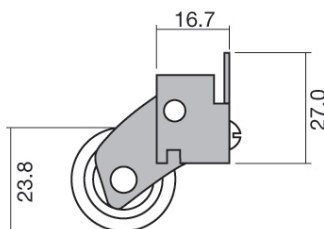


DC350

Sliding Roller



002R



Hole Plug



001 (PVC)

Skider



002 (PVC)

Woolpile



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



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BERHAD
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MS ISO 9001:2015 Cert. No: QMS 00216

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