

ALBEDOOR



Multifold Door (with Concealed Hinges)

MF02-40



LB
ALUMINIUM
BERHAD
198501006093 (138535-V)

Product

ALBEDOOR MF02-40

Typical Technical Features

Inner Frame Thickness	: 1.40mm
Inner Frame Depth	: 43.80mm
Inner Frame Width	: 75.00mm - 90.00mm
Outer Frame Depth	: 52.40mm - 60.90mm
Hinges	: Concealed Butt. Hinges
Corner Joints	: Mortise & Mitre Joints
Glazing Gap	: 14.00mm - 18.00mm
Locking System	: Single-point & Multipoint



Other Features

Easy Fabrication

Flexible Panel Configurations

Ultra Smooth Operation



Keeper

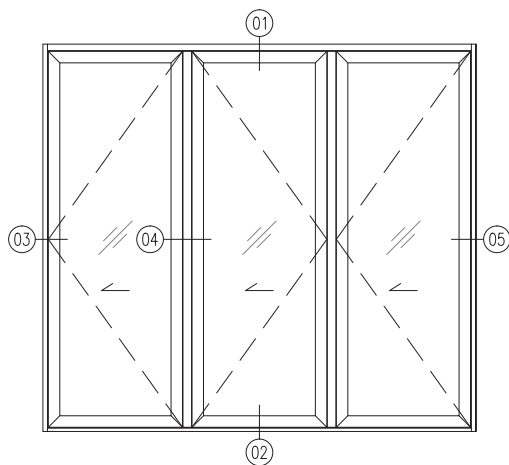
Door Lockset

Multipoint Handle
with Push Channel

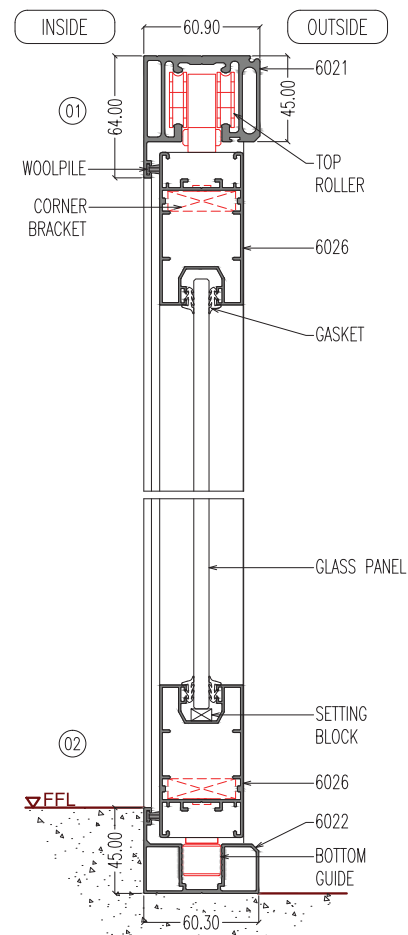
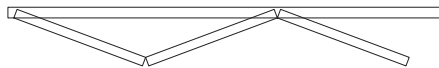
Concealed Butt, Hinge



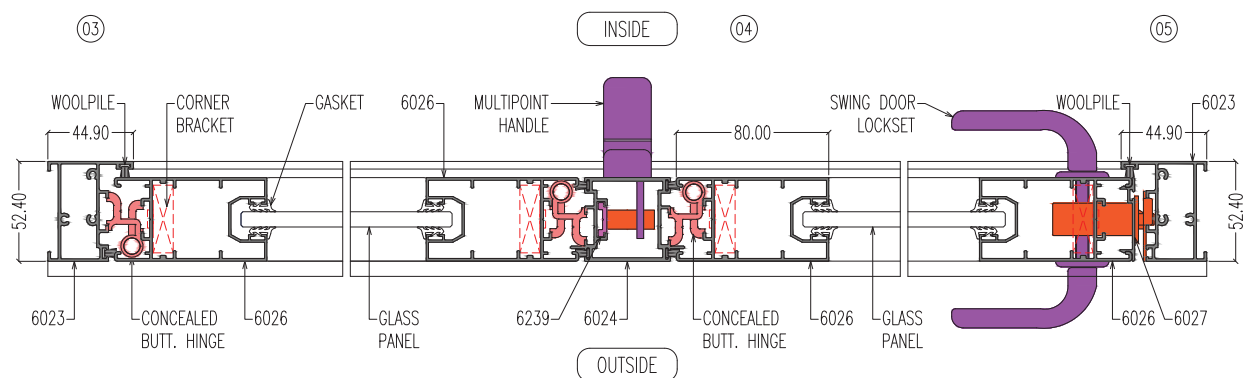
Typical Assembly Details



ELEVATION



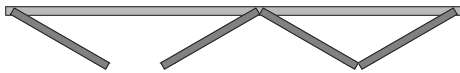
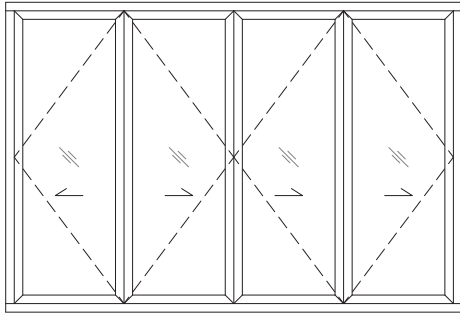
VERTICAL SECTIONS



HORIZONTAL SECTIONS

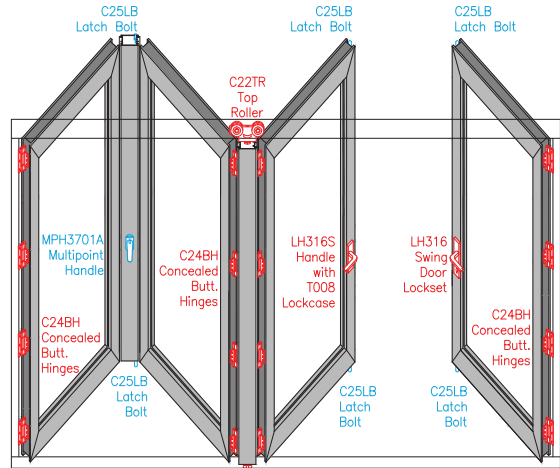
Typical Assembly Details

**Typical 4 Panel Elevation
(3+1 Configuration)**



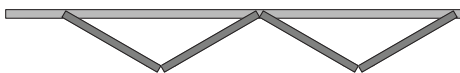
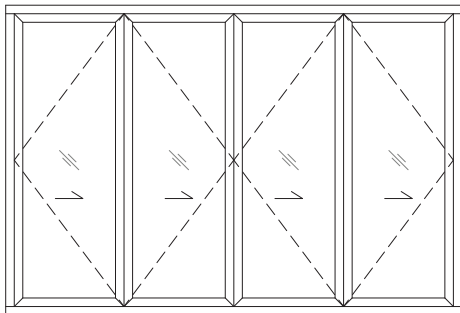
Exterior View

**Typical Accessories Arrangement for
Multifold Door with 3+1 Configuration**



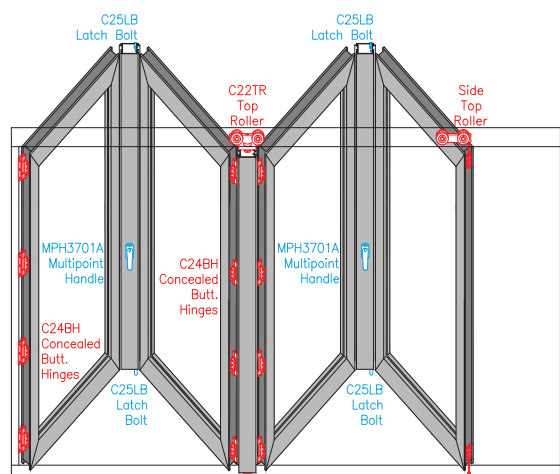
View From Inside

**Typical 4 Panel Elevation
(4+0 Configuration)**



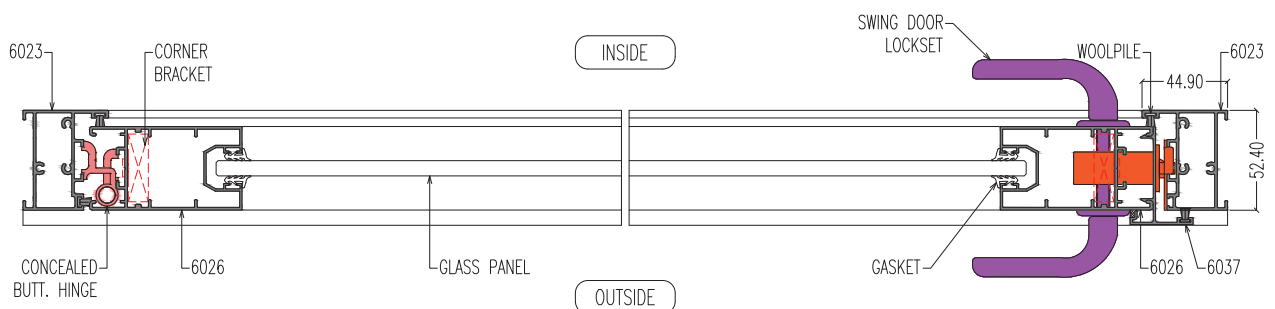
Exterior View

**Typical Accessories Arrangement for
Multifold Door with 4+0 Configuration**



View From Inside

OPTION FOR SINGLE-LEAF SWING DOOR

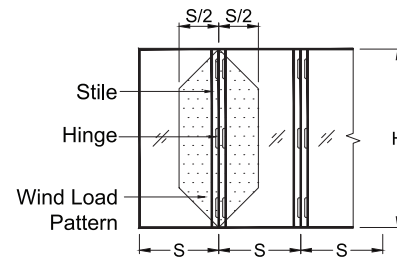
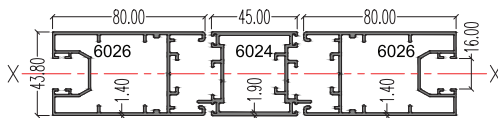


Wind Load Chart

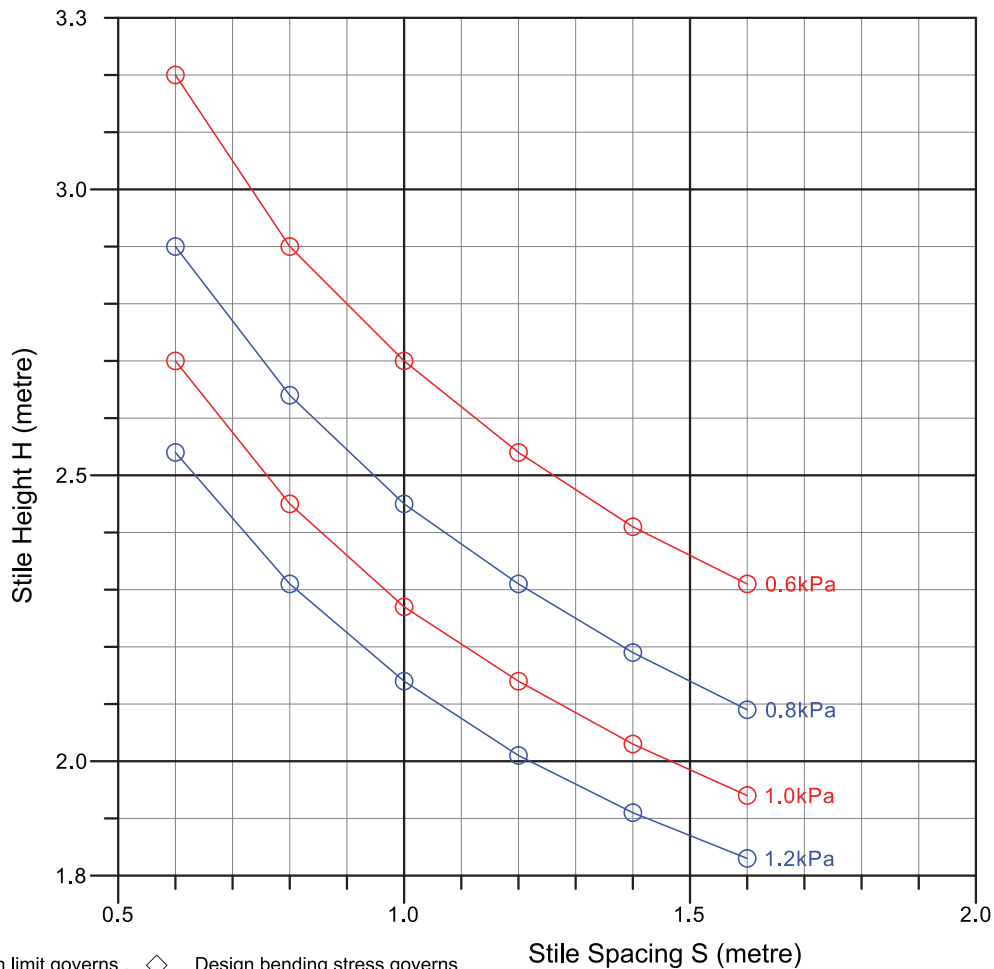
MULLION SECTION : 6026x2 & 6024
 Alum. alloy : 6063-T5
 Moment of inertia I_{xx} : 38.8 cm⁴
 Overall Moment of Resistance MR_{xx} : 1457 cm³

Mod. of elasticity : 69×10^9 N/m²
 Design bend. stress : 1.25 x 67 MPa
 Deflection limit : $S_{pan} l_{175}$, up to max. 20mm
 Nature of anchor : Simply supported at both ends

Typical configuration of window:

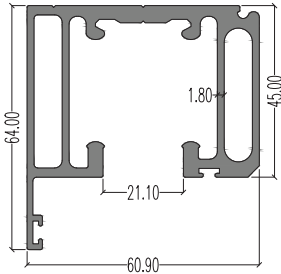


Note:
 Suffix xx denotes axis perpendicular to wind load

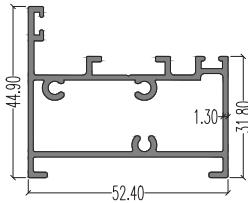


Note:
 ○ Deflection limit governs, ◇ Design bending stress governs
 :- Buckling has not been taken into account in this chart
 :- This windload chart is solely for reference only

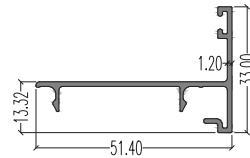
Sectional Details



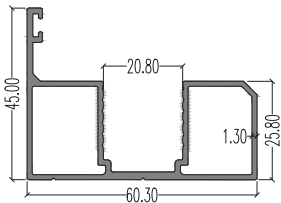
6021 (Top Track)
LW : 2.033 kg/m
AP : 433.41 mm



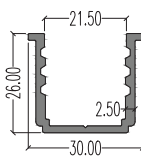
6023 (Side Jamb)
LW : 0.903 kg/m
AP : 277.10 mm



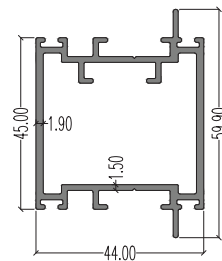
6037 (Lock Attachment)
LW : 0.362 kg/m
AP : 220.18 mm



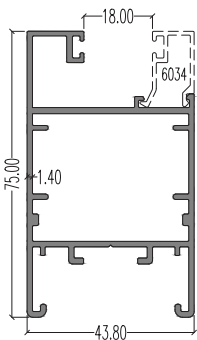
6022 (Bottom Track)
LW : 0.832 kg/m
AP : 267.29 mm



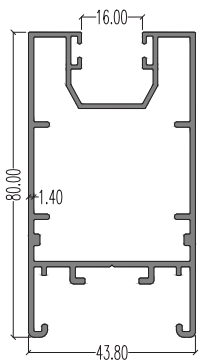
6032 (Bottom Track)
LW : 0.408 kg/m
AP : 165.15 mm
(For Interior)



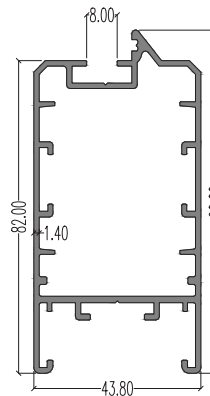
6024 (Mid-Post)
LW : 1.062 kg/m
AP : 294.07 mm
Ixx : 10.72 cm⁴
Iyy : 10.64 cm⁴



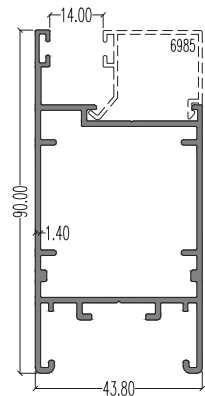
6033 (Inner)
LW : 1.130 kg/m
AP : 391.07 mm
Ixx : 18.87 cm⁴
Iyy : 12.38 cm⁴



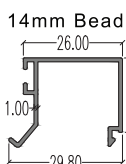
6026 (Inner)
LW : 1.247 kg/m
AP : 404.57 mm
Ixx : 29.17 cm⁴
Iyy : 14.16 cm⁴



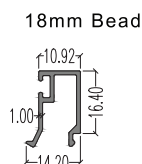
6028 (Inner)
LW : 1.344 kg/m
AP : 377.49 mm
Ixx : 36.56 cm⁴
Iyy : 15.01 cm⁴



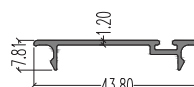
6025 (Inner)
LW : 1.156 kg/m
AP : 388.23 mm
Ixx : 25.99 cm⁴
Iyy : 13.84 cm⁴



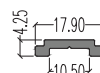
6985 (Beading)
LW : 0.231 kg/m
AP : 169.79 mm



6034 (Beading)
LW : 0.163 kg/m
AP : 113.90 mm



6027 (Inner Cover)
LW : 0.199 kg/m
AP : 121.83 mm



6239 (Slide Bar)
LW : 0.132 kg/m
AP : 47.73 mm

Accessories

Top Rollers



C22TR Top Roller
(4 Rollers)



S25TR Side Top Roller
(4 Rollers)

Butt. Hinge



C24BH Concealed
Butt. Hinge

Bottom Guide



C23BG



S26BG

Latch Bolt



C25LB

Corner Brackets



MP90
(36.0mm)



MP590A
(37.5mm)

Woolpile



5 x 7
(300m/roll)

Door Locksets



LH216
(Standard Series)



LH316
(for 2 point Locking)



LH316S
Multipoint Handle



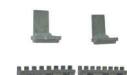
ML01
(for 4 point Locking)



MPH3701A
Multipoint Handle



MP99PC
Push Channel



Flat Fork MPH980 DF32
Double (32mm) & Slide Gear
(For Mid-Post)



T008
Lockcase



**LB
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Now available at:



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