



LB
ALUMINIUM
BERHAD
198501006093 (138535-V)

MF02-40
(WITH CONSEALED HINGES)

A luxurious grand entrance door with maximising and accessibility.



ALBEDOOR MULTIFOLD DOOR MF02-40 SERIES (WITH CONCEALED HINGES)

Performance Range

- Heavy duty.

Features

- Concealed hinges
- Ultra smooth operation
- Flexible panel configurations
- Up to 10mm thick glass glazing
- Inner frames of 1.40mm thick
- Easy fabrication and glazing



Recommended Panel Sizes / Weight

Door Height	Width	Weight
7'0" (2100mm)	3'6" (1050mm)	≤80kg
8'0" (2400mm)	3'3" (990mm)	≤85kg
9'0" (2700mm)	3'0" (915mm)	≤90kg
10'0" (3000mm)	2'6" (760mm)	≤95kg

Note: The specifications above should be taken as a guide to door design only. For the best solutions and door sizes configuration, kindly consult our sales personnel.



Keeper

Door Lockset

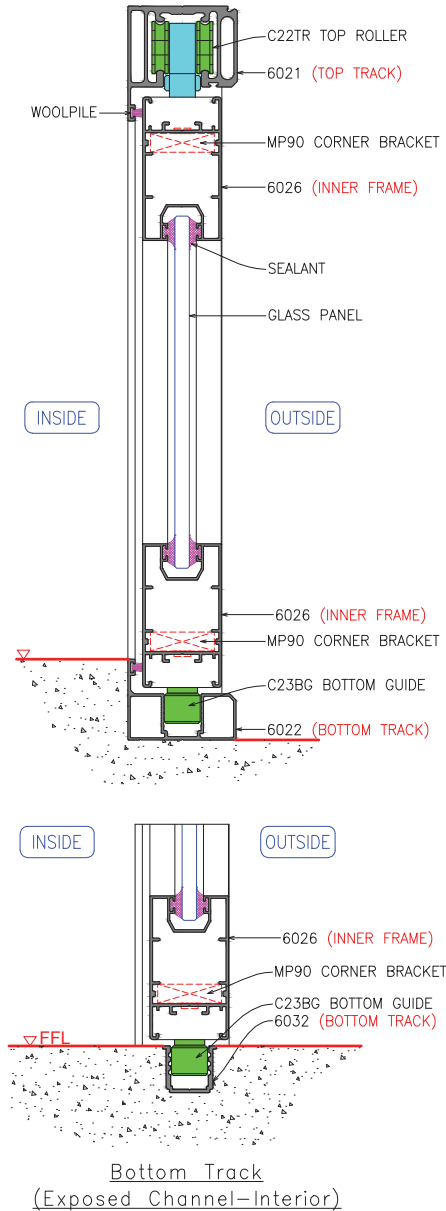
Multipoint Handle
with Push Channel

Concealed Butt, Hinge

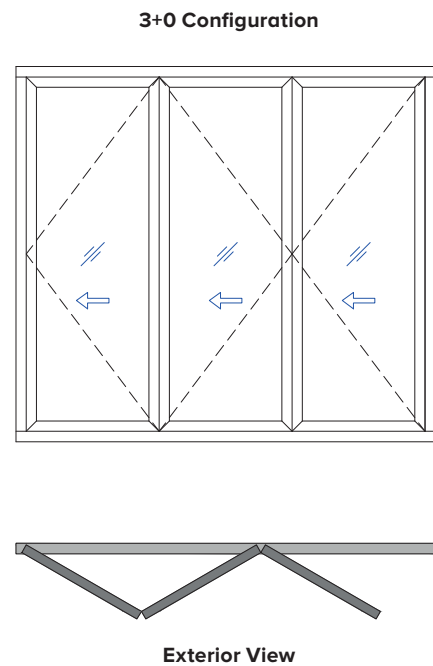


Typical Assembly Details

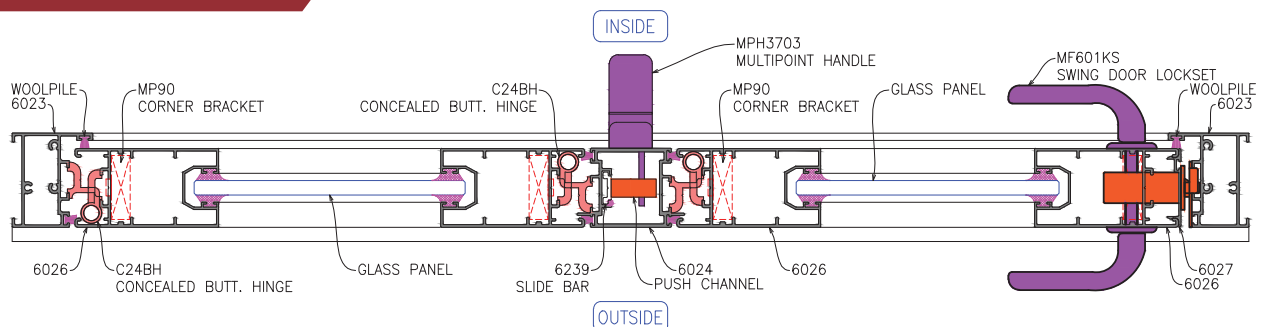
Vertical Sectional View



Typical 3 Panels Elevation (3+0 Configuration)

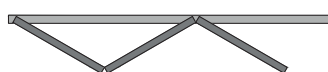
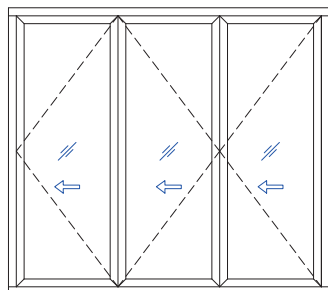


Horizontal Sectional View

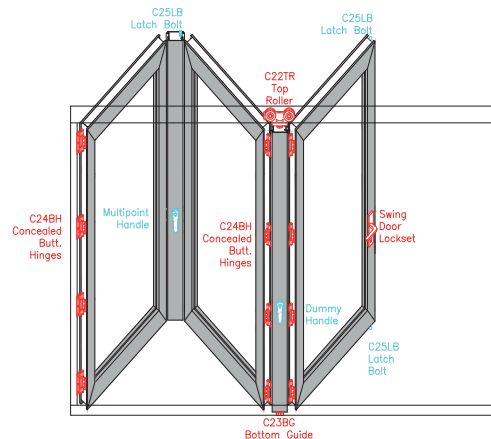


Accessories Arrangement

Typical 3 Panels Elevation (3+0 Configuration)

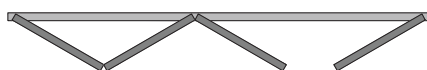
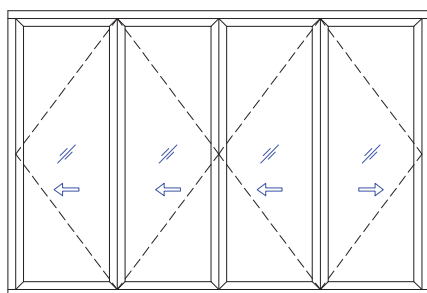


Exterior View

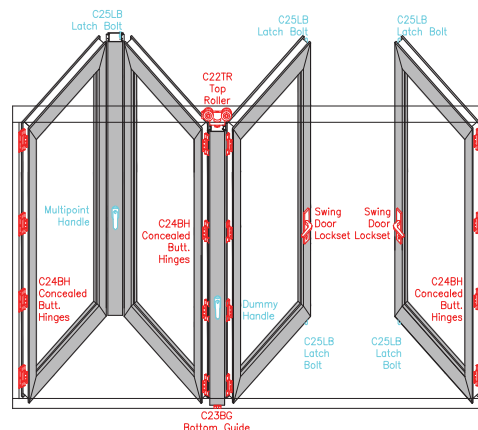


Interior View

Typical 4 Panels Elevation (3+1 Configuration)

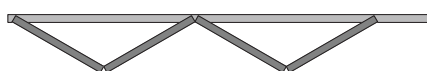
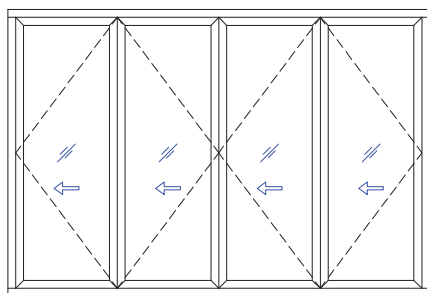


Exterior View

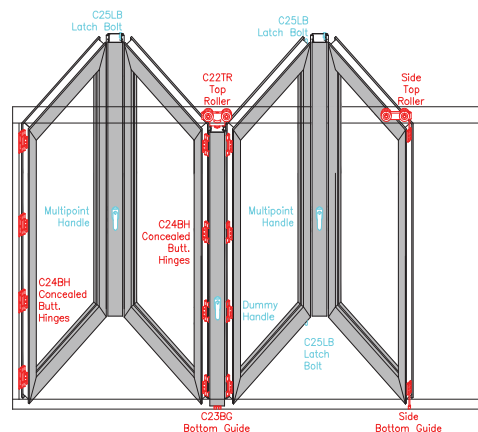


Interior View

Typical 4 Panels Elevation (4+0 Configuration)



Exterior View



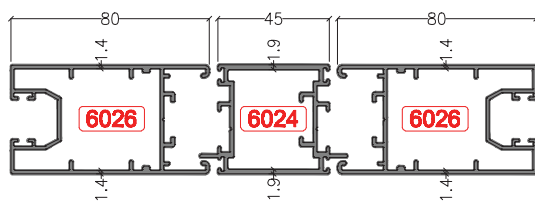
Interior View

Wind Load Chart

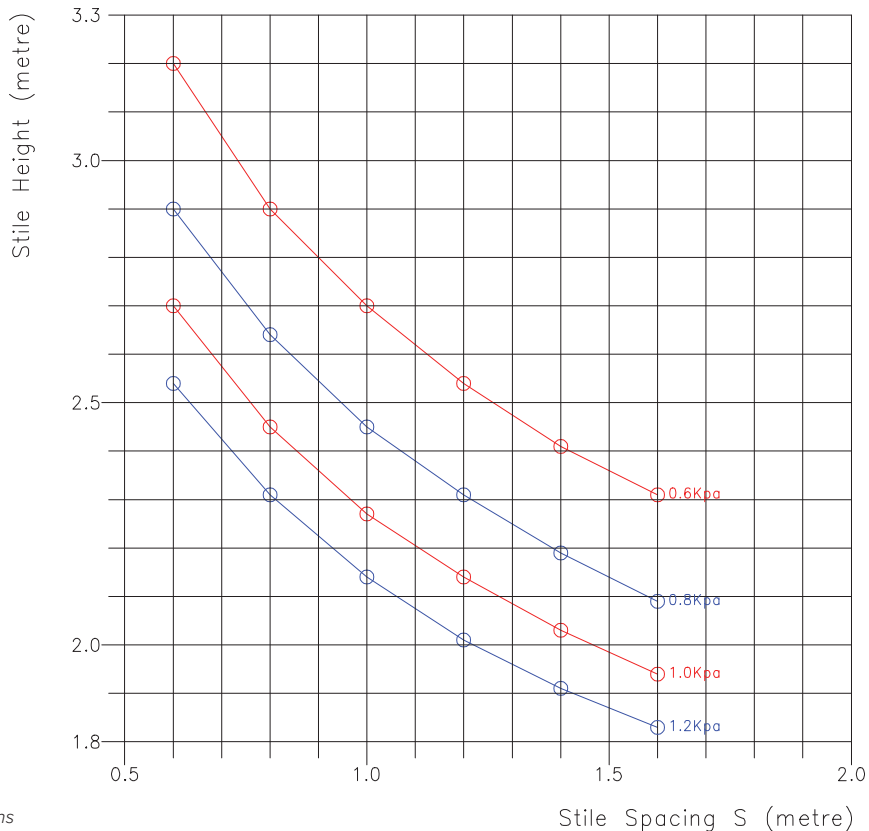
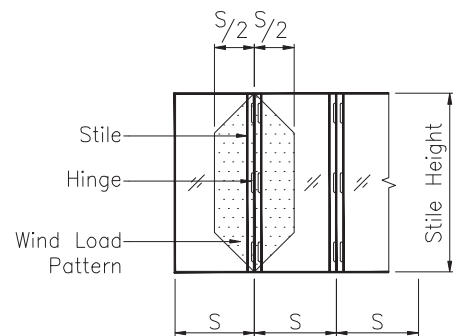
Mullion Section No. : 6026(x2) & 6024
 Aluminium Alloy : 6063 - T5
 Moment of Inertia Ixx : 38.8 cm⁴
 Mod. of Inertia Zxx : 1457 n-m

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 Multifold Door:



Note: Suffic xx denotes axis perpendicular to wind load.



Legend:

○ Deflection limit governs

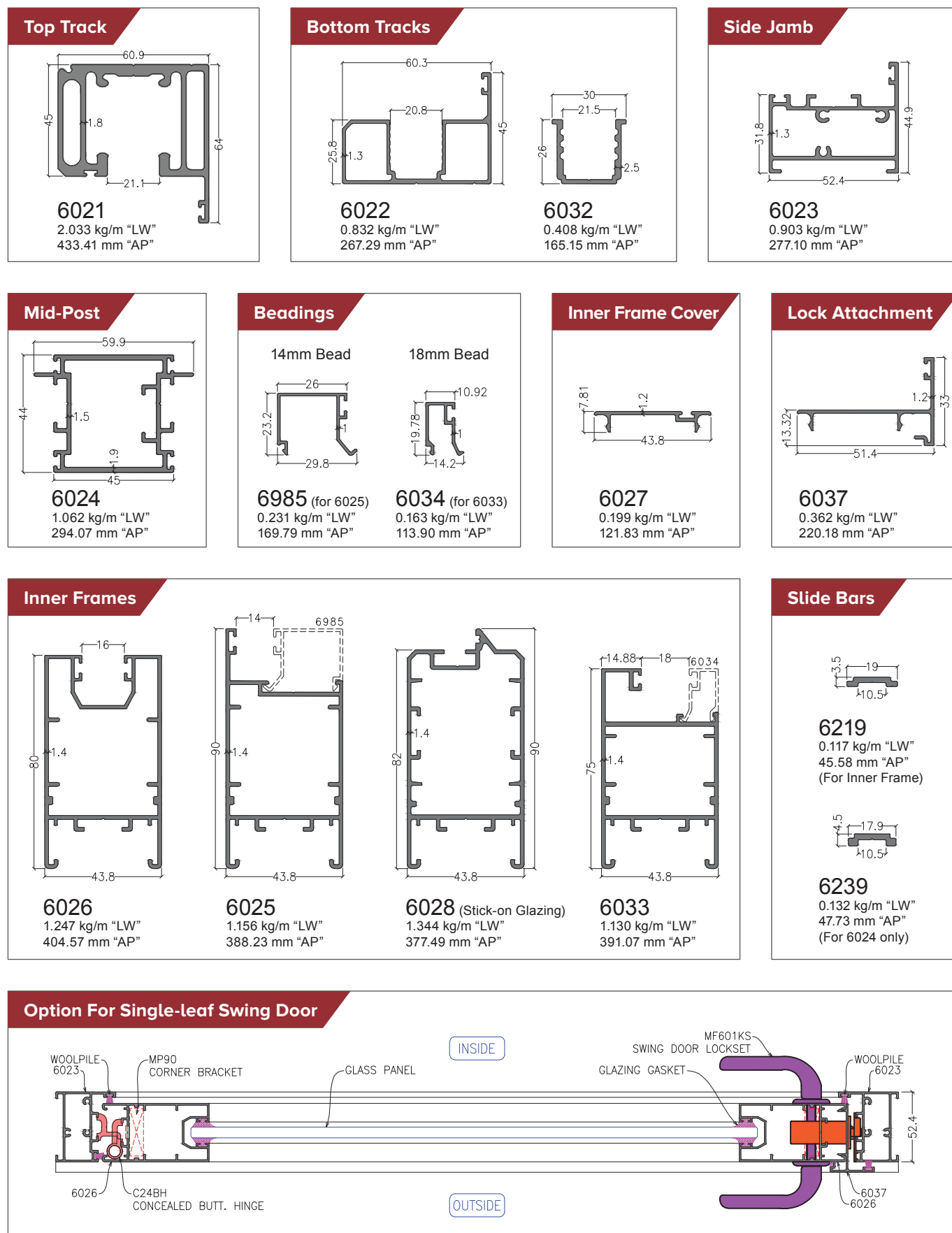
◇ Permissible bending stress governs

This chart is applicable to wind load pattern as shown only

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

ALBEDOOR MULTIFOLD DOOR MF02-40 SERIES (WITH CONCEALED HINGES)

Sectional Details



Accessories

Top Rollers



C22TR Top Roller
(4 Rollers)



S25TR Side Top Roller
(4 Rollers)

Butt. Hinge



C24BH Concealed
Butt. Hinge

Bottom Guides



C23BG



S26BG

Latch Bolt



C25LB

Door Locksets



LH216
(Standard Series)



ML01
(for 4 point locking)

Handle



MPH3701
Multipoint Handle

Flat Fork
MPH980 DF32
Double (32mm)
& Slide Gear



MP99PC
Push Channel



Corner Brackets



MP90



MP590A Alum.

Woolpile



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



**LB
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