

HINGES PER DOOR FULL OVERLAY, HALF OVERLAY & INLAY HINGES - CLAMP-ON & CUP.

All doors are supplied with recommended number of hinges determined by height, width and weight of the door. All 35mm hinge holes in box profiles will be drilled by Alsert Doors.

LAMINATED GLASS

Up to 850 mm HIGH	- Maximum Face Area of 0.40 sq metres = 2 Hinges.
851 mm - 1500 mm	- Maximum Face Area of 0.82 sq metres = 3 Hinges.
1501 mm - 1950 mm	- Maximum Face Area of 1.17 sq metres = 4 Hinges.
1951 mm - 2400 mm	- Maximum Face Area of 1.56 sq metres = 5 Hinges.

All other INSERTS

Up to 850 mm HIGH	- Maximum Face Area of 0.50 sq metres = 2 Hinges.
851 mm - 1500 mm	- Maximum Face Area of 1.00 sq metres = 3 Hinges.
1501 mm - 1950 mm	- Maximum Face Area of 1.40 sq metres = 4 Hinges.
1951 mm - 2400 mm	- Maximum Face Area of 1.80 sq metres = 5 Hinges.

HINGED DOORS - ALL PROFILES except 25 mm FLAT Profile

Minimum Height - 250 mm	Maximum Height - 2400 mm
Minimum Width - 150 mm	Maximum Width - 800 mm
Minimum Face Area - 0.06 sq metres	Maximum Face Area - 1.8 sq metres

LAMINATED GLASS as above except Maximum Face Area – 1.56 sq metres

25 mm FLAT Profile ONLY

Minimum Height - 250 mm	Maximum Height - 2100 mm
Minimum Width - 150 mm	Maximum Width - 800 mm
Minimum Face Area – 0.06 sq metres	Maximum Face Area - 1.36 sq metres including LAMINATED GLASS

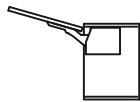


GAS STRUT DOOR - ALL PROFILES

Minimum Height - 210 mm	Maximum Height - 700 mm
Minimum Width - 250 mm	Maximum Width - 1200 mm
Minimum Face Area - 0.05 Sq metres	Maximum Face Area - 0.84 Sq metres

LAMINATED GLASS

Sizes and maximum face area as shown left

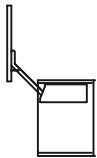


SPRING FLAP DOOR HK - ALL PROFILES

Minimum Height - 210 mm	Maximum Height - 600 mm
Minimum Width - 300 mm	Maximum Width - 1800 mm
Minimum Face Area - 0.07 Sq metres	Maximum Face Area - 1.08 Sq metres

LAMINATED GLASS

Sizes as shown left except Maximum Face Area - 0.9 Sq metres



MICROWAVE DOOR HL - ALL PROFILES

Minimum Height - 300 mm	Maximum Height - 580 mm
Minimum Width - 300 mm	Maximum Width - 1800 mm
Minimum Face Area - 0.09 Sq metres	Maximum Face Area - 1.04 Sq metres

LAMINATED GLASS

Sizes as shown left except Maximum Face Area - 0.98 Sq metres



UP & OVER DOOR HS - ALL PROFILES

Minimum Height - 350 mm	Maximum Height - 800 mm
Minimum Width - 400 mm	Maximum Width - 1800 mm
Minimum Face Area - 0.14 Sq metres	Maximum Face Area - 1.44 Sq metres

LAMINATED GLASS

Sizes as shown left except Maximum Face Area - 1.2 Sq metres

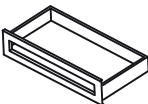


LIFT UP BI-FOLD DOOR HF - BOX PROFILES only SIZING is OVERALL for 1 PAIR of Doors

Minimum Height - 480 mm	Maximum Height - 1040 mm
Minimum Width - 300 mm	Maximum Width - 1800 mm
Minimum Face Area - 0.144 Sq metres	Maximum Face Area - 1.35 Sq metres

LAMINATED GLASS

Sizes as shown left except Maximum Face Area - 1.13 Sq metres



DRAWER FRONTS - Unavailable in 25 mm Flat, 30 mm Flat and 30 mm Curve Profiles

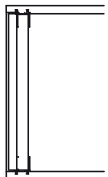
Minimum Height - 130 mm	Maximum Height - 2400 mm
Minimum Width - 140 mm	Maximum Width - 2400 mm
Minimum Face Area - 0.035 Sq metres	Maximum Face Area - 2.88 Sq metres

LAMINATED GLASS

Sizes as shown left except Maximum Face Area - 2.2 Sq metres

UNDRILLED PANELS

Available within same matrix as Drawer Fronts.
Not available in 25mm Flat Profile/Frame.



BOTTOM RUNNING SLIDING DOORS for cabinets only.

Minimum Height - 150 mm	Maximum Height - 2400 mm
Minimum Width - 300 mm	Maximum Width - 1200 mm
Minimum Face Area - 0.045 Sq metres	Maximum Face Area - 2.4 Sq metres

LAMINATED GLASS

Sizes as shown left except Maximum Face Area - 2.08 Sq metres

BOX PROFILES only – SIZING for each PANEL



OVERLAY SLIDING BI-FOLD DOORS for cabinets only. SIZING is OVERALL for 1 PAIR of Doors

Minimum Height - 250 mm	Maximum Height - 2200 mm
Minimum Width - 450 mm	Maximum Width - 1000 mm
Minimum Face Area - 0.135 Sq metres	Maximum Face Area - 1.65 Sq metres

LAMINATED GLASS

Sizes as shown left except Maximum Face Area - 1.4 Sq metres

Available either as 1 PAIR or 2 PAIR - BOX PROFILES only

Other Bi-Fold Door options are available, please contact us

Face Area is **Height X Width** e.g. For a hinged door of 700 mm x 500 mm the Face Area is .35 Sq metres [.7 X .5 = .35].

If you require a hinged door 2400 mm high, divide the maximum face area of 1.8 Sq metres by 2.4 = .75. Therefore the maximum width door available for a height of 2400 mm is 750 mm.

For Laminate Glass, which is heavier, divide 1.56 Sq metres by 2.4 to find the maximum width door available is 650 mm. Where the doors are bi-fold the areas shown are for the 2 doors combined.

Information compiled in accordance with hardware manufacturer's guidelines.

ALL Profiles/Frames are 21mm thick and extruded from high tensile FURNITURE grade ALUMINIUM. Finishes are descriptive only.

	50/0 mm BOX*	50/8 mm BOX	50/19 mm BOX	50/31 mm BOX	50/43 mm BOX	50/50 mm BOX
Clear Anodised	✓	✓	✓	✓	✓	✓
Brushed Stainless	✗	✓	✗	✓	✓	✓
Gloss Steel	✗	✓	✗	✓	✗	✓
White Gloss	✗	✓	✗	✗	✗	✗
Black Gloss	✗	✓	✗	✗	✗	✗

Available INSERTS**	<i>Please be aware that internal hardware fittings can be seen through clear inserts</i>	
	Laminated Glass	✗ ● Clear ● Frosted (Soft white) ● Translucent (Milky White) Can NOT be drilled
	Toughened Glass Painted Starphire Glass *†	● Acid Etched ● Grey Acid Etched ● Dark Grey (60% Transmission) ● Clear ● Sandblasted on Clear ● Sandblasted on Starphire ● Satinlite ● Grey (Smoked) ● Sparkling Crystal (Frosted Vinyl on Clear) ● Sparkling Crystal on Starphire ● Starphire ● Painted Starphire Glass † Can only be drilled by Alsert Doors before tempering
	Safety Rated Vinyl Backed [1]	● Vinyl Backed Mirror (Silver) ● Vinyl Backed Mirror (Grey) ● Opti-Panel (Painted White on Clear) Can NOT be drilled
	Safety Rated Vinyl Backed [2]	✗ ● SuperWhite (Painted White on Starphire) ● SuperBlack (Painted Black on Clear) Can NOT be drilled
Acrylics & Others	● Black Gloss Acrylic ● Zenolite ● Alucobond ● Metaline ● Polar White Acrylic ● White Opal Acrylic ● Black Gloss Acrylic ● Stylelite ● Zenolite ● Alucobond ● Metaline Will Not be drilled by Alsert Doors but can be drilled by others	

Handles No handles are required with Full Overlay Touch to Open Hinges. Clear anodised integrated handle available.

Handle Positioning Handle holes can be pre-drilled in suitable inserts - the holes align with the centre of the profile/frame. For handles located in inserts only, see available inserts above - must provide drawing of hole positions required.

Handle holes can be drilled through these profiles/frames. For handles located in inserts only, see available inserts above - must provide drawing of hole positions required.

Hinged Doors Supplied with recommended number of hinges determined by height, width & weight of the door. (Can be supplied without hinges)

Available Hinges Profiles/Frames are for Cup Hinges - 95°, 110°, 120°, 155° & 165°. Cup Hinge 35 mm hole centre must be no less than 78mm from the corners of the door.

Hinge Type Supplied with [a] Full Overlay hinges with the option of Touch to Open [No Handle required] or Soft Close. or [b] Half Overlay or Inlay hinges with the option of Soft Close only.

Gas Strut Door Supplied with 2 gas struts and UNSPRUNG hinges to suit width. Minimum internal carcass HEIGHT for gas strut is 178 mm.

Spring Flap Door HK [TIP-ON available] Supplied with 2 HK spring loaded stays - mount each side of carcass - no Hinges are required. Minimum internal carcass DEPTH for hardware is 278 mm - Minimum internal carcass HEIGHT is 175 mm. Note: mechanism is 35 mm thick.

Microwave Door HL Supplied with 2 HL spring loaded stays with connecting rod - no hinges required. Minimum internal carcass HEIGHT for microwave door is 263 mm. Note: mechanism is 35 mm thick.

Up & Over Door HS Supplied with 2 HS spring loaded stays with connecting rod - no hinges required. Note: mechanism is 35 mm thick.

Lift Up Bi-Fold HF **ORDER by ENTERING OVERALL HEIGHT AND WIDTH DIMENSIONS of the 2 DOORS REQUIRED.** Supplied with 2 HF spring loaded mechanisms. Also, supplied with 2 Clip Top 120° unsprung hinges up to 1200 mm wide. From 1201 mm to 1800 mm wide - 1 extra hinge included. Note: mechanism is 35 mm thick.

Drawer Fronts All profiles/frames are suitable for this application.

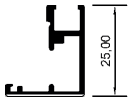
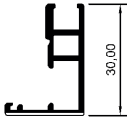
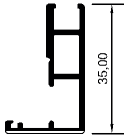
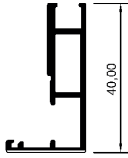
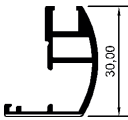
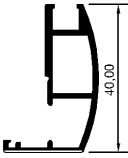
Bottom-Running Sliding Doors for Cabinets only **ORDER by ENTERING INTERNAL CARCASS HEIGHT AND WIDTH DIMENSIONS.** Bottom-running Sliding Doors supplied with aluminium top & bottom track. Each door fitted with 2 top guides and 2 bottom runners. Track available in surface mount or recessed options and, also, either clear anodised or white powder coated aluminium finishes.

Overlay Sliding Doors Bi-Fold [1 pair] for Cabinets only **ORDER by ENTERING EXTERNAL CARCASS HEIGHT AND WIDTH DIMENSIONS [Based on 16 mm Carcass]** Overlay Sliding Bi-fold Doors are supplied with aluminium top track and 1 left or right handed top runner. Also supplied are concealed hinges and diecast folding door hinges - quantity to suit height & weight of doors.

Overlay Sliding Doors Bi-Fold [2 pair] for Cabinets only **ORDER by ENTERING EXTERNAL CARCASS HEIGHT AND WIDTH DIMENSIONS [Based on 16 mm Carcass].** Overlay Sliding Bi-fold Doors are supplied with aluminium top track and 2 top runners. Also supplied are concealed hinges and diecast folding door hinges - quantity to suit height and weight of doors.

See Alsert Specifications for minimum and maximum Door sizes available.
* Inserts for 50/0 mm Box Profile/Frame are adhesive fixed only.
** Customers can supply insert material - thickness limited to 5 mm.
† See Flat Profile/Frame Applications

Alsert Doors offer the widest range of profiles/frames and insert materials available in Australia. All profiles/frames are extruded and anodised in Europe using high tensile furniture grade aluminium with 10 micron anodising which ensures a scratch resistant surface.
ALL INSERTS ARE SAFETY RATED

ALL Profiles/Frames are 21mm thick and extruded from high tensile FURNITURE grade ALUMINIUM. Finishes are descriptive only.	25 mm FLAT	30 mm FLAT	35 mm FLAT	40 mm FLAT	30 mm CURVE	40 mm CURVE
						
Clear Anodised	✓	✓	✓	✓	✓	✓
Brushed Stainless	✓	✗	✗	✓	✗	✗
Gloss Steel	✗	✗	✗	✓	✗	✗
<i>Please be aware that internal hardware fittings can be seen through clear inserts</i>						
Available INSERTS **	Laminated Glass	● Clear ● Frosted (Soft white) ● Translucent (Milky White) <i>Can NOT be drilled</i>				
	Toughened Glass	● Acid Etched ● Grey Acid Etched ● Dark Grey (60% Transmission) ● Clear ● Sandblasted on Clear ● Sandblasted on Starphire ● Satinlite ● Grey (Smoked) ● Sparkling Crystal (Frosted Vinyl on Clear) ● Sparkling Crystal on Starphire ● Starphire ● Painted Starphire Glass † <i>Can only be drilled by Alsert Doors before tempering</i>				
	Safety Rated Vinyl Backed [1]	● Vinyl Backed Mirror (Silver) ● Vinyl Backed Mirror (Grey) ● Opti-Panel (Painted White on Clear) <i>Can NOT be drilled</i>				
	Safety Rated Vinyl Backed [2]	● SuperWhite (Painted White on Starphire) ● SuperBlack (Painted Black on Clear) <i>Can NOT be drilled</i>				
	Acrylics & Others	● Polar White Acrylic ● White Opal Acrylic ● Black Gloss Acrylic ● Stylelite ● Zenolite ● Alucobond ● Metaline <i>Will Not be drilled by Alsert Doors but can be drilled by others</i>				
Handles	No Handles are required with Full Overlay Touch to Open Hinges. Alsert Integrated Handle not suitable.					
Handle Positioning	Profiles/Frames are not suitable for handle holes, but the holes can be pre-drilled in suitable inserts - see available inserts above. A drawing of hole positions required must be supplied.					
Hinged Doors	Supplied with recommended number of hinges determined by height, width & weight of the door. [Can be supplied without hinges]					
Available Hinges	These Profiles/Frames use Blum Clamp-On Frame Hinges - 95° clip-on - NOT suitable for any other hinge type.					
Hinge Type	Supplied with [a] Full Overlay hinges with the option of Touch to Open [No Handle required] or Soft Close. or [b] Half Overlay or Inlay hinges with the option of Soft Close only.					
Gas Strut Door	Supplied with 2 gas struts and UNSPRUNG hinges to suit width. Minimum internal carcass HEIGHT for gas strut is 178 mm. Flat profile/frame assembly kit included.					
Spring Flap Door HK [TIP-ON available]	Supplied with 2 HK spring loaded stays - mount each side of carcass - no Hinges are required. Flat profile/frame assembly kit included. Minimum internal carcass DEPTH for hardware is 278 mm - Minimum internal carcass HEIGHT is 175 mm. Note: mechanism is 35mm thick.					
Microwave Door HL	Supplied with 2 HL spring loaded stays with connecting rod - no hinges required. Flat profile/frame assembly kit included. Minimum internal carcass HEIGHT for microwave door is 263 mm. Note: mechanism is 35mm thick.					
Up & Over Door HS	Supplied with 2 HS spring loaded stays with connecting rod - no hinges required. Flat profile/frame assembly kit included. Note: mechanism is 35mm thick.					
Lift Up Bi-Fold HF	✗	✗	✗	✗	✗	✗
Drawer Fronts	✗	✗	White MDF infill for fixing drawer front.		✗	White MDF infill for fixing drawer front.
Bottom Running Sliding Doors	✗	✗	✗	✗	✗	✗
Overlay Sliding Doors Bi-Fold	✗	✗	✗	✗	✗	✗

See Alsert Specifications for minimum and maximum Door sizes available.

** Customers can supply insert material - thickness limited to 5 mm.

† Only colours selected from the colour charts of recognised paint manufacturers will be accepted. Final installed painted doors may appear to vary from the colour selected. The usual causes are: the colour is viewed through the glass or position, lighting, competing colours, glass type and processing conditions. Where glass splashbacks are supplied by others, colour variance can occur due to differing thickness of glass.
No responsibility for minor colour variations can be accepted by Alsert Doors.

Alsert Doors offer the widest range of profiles/frames and insert materials available in Australia. All profiles are extruded and anodised in Europe using high tensile furniture grade aluminium with 10 micron anodising which ensures a scratch resistant surface.

235 Orchard Road, Richlands Q 4077
PO Box 687, Sumner Park BC Q 4074
Tel: 1300 560 042 Fax: 1300 560 069
Email: sales@alsertdoors.com.au
www.alsertdoors.com.au

ALL INSERTS ARE SAFETY RATED

The "No Handle" method is achieved by adding 10 mm or more to the door height which allows the door to overhang the carcass.

	NO HANDLE [1]	TOUCH TO OPEN	INTEGRATED HANDLE [2]	FIXED THROUGH PROFILE/FRAME [3]	FIXED THROUGH INSERT & PROFILE/FRAME [4]	FIXED TROUGH INSERT ONLY [5]	ELECTRONIC OPTION [6]
PROFILE/FRAME							
25 mm Flat [7]	✓	✓	✗	✗	✗	✓	
30 mm Flat [7]	✓	✓	✗	✗	✗	✓	
35 mm Flat [7]	✓	✓	✗	✓	✗	✓	
40 mm Flat [7]	✓	✓	✗	✓	✗	✓	
30 mm Curved [7]	✓	✓	✗	✗	✗	✓	
40 mm Curved [7]	✓	✓	✗	✗	✗	✓	
50/00 mm Box	✓	✓	✓	✗	✓	✓	
50/08 mm Box	✓	✓	✓	✗	✓	✓	
50/19 mm Box	✓	✓	✓	✗	✓	✓	
50/31 mm Box	✓	✓	✓	✓	✗	✓	
50/43 mm Box	✓	✓	✓	✓	✗	✓	
50/50 mm Box	✓	✓	✓	✓	✗	✓	
HARDWARE APPLICATIONS							
Wall Unit Doors	✓	✓	✓	✓	✓	✓	
Floor Unit Doors	✗	✓	✓	✓	✓	✓	
Pantry or Similar Doors	✓	✓	✓	✓	✓	✓	
Gas Strut Doors	✓	✗	✓	✓	✓	✓	✓
Spring Flap Doors HK	✓	✓	✓	✓	✓	✓	✓
Microwave Doors HL	✗	✗	✓	✓	✓	✓	✓
Up & Over Doors HS	✓	✗	✓	✓	✓	✓	✓
Lift Up Bi-Folds HF	✓	✗	✓	✓	✓	✓	✓
Drawer Fronts [8]	✗	✓	✓	✓	✓	✓	
Sliding Doors	✗	✗	✗	✓	✗	✗	
Bi-Fold Sliding Doors	✗	✗	✓	✓	✓	✓	

If you require handle holes to be drilled in toughened glass inserts, please provide a drawing of the hole positions.

[1] The "No Handle" method can only be used if no other door is immediately adjacent to that door.

[2] Integrated Handle is only available in Clear Anodised finish.

[3] To be drilled by Installer.

[4] Alsert can pre-drill holes in all toughened glass inserts. All other glass inserts can't be drilled. Inserts other than glass, acrylics, etc, to be drilled by Installer. All profile/frame holes to be drilled by Installer. Refer to Order Form or website for insert descriptions.

[5] Alsert can pre-drill holes in all toughened glass inserts. All other glass inserts can't be drilled. Inserts other than glass, acrylics, etc, to be drilled by Installer. Refer to Order Form or website for insert descriptions.

[6] Standard electric openers as supplied by cabinet hardware distributors suitable for 50 mm wide aluminium profiles.

[7] Flat & Curved Profiles/Frames require additional adaptor brackets for HK, HL & HS hardware.

[8] Drawer Fronts manufactured from Flat & Curved Profiles/Frames are supplied with white MDF infills to enable fixing to drawer carcass.



Please scan the QR code to watch the handles video

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