

Emperor Concealed

Aluminium Bi-Folding Doors



Sleek & Modern
The *Emperor Concealed*
The Future Of Bi-Folding Doors



With Patented Concealed Hinges

Our Emperor Concealed has been designed to shape the future of bi-folding doors and change the way you live in your newly created space.

The doors have been designed with patented concealed hinges which are completely hidden when closed. This creates a seamless, modern look with uninterrupted lines; perfect to frame any focal point and brings the outdoors in. To compliment the doors seamless and modern look, a new handle has been designed that sits flush to the profile and offers practical security but with a stylish edge.

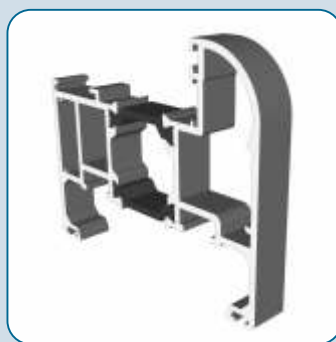
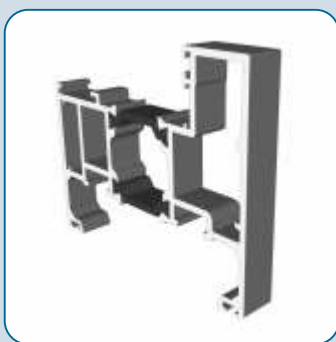
The extensive range of colours and hardware also means each door can be fully customised to suit your individual style requirements and provide that perfect look you wanted.

Key Features

- Patented concealed hinges for a clean look.
- Security tested to PAS 24.
- Weather tested low threshold.
- Flush stylish handles to compliment the modern feel of the door.
- Utilises the natural strength of aluminium to create slim, thermally broken profiles.
- Uses low maintenance, hard wearing powder coated aluminium.
- Over 200 single or dual colours.
- Also offered in Single or French door styles to match.
- Exceptional array of security features as standard.
- Doors are bottom hung and run on double stainless steel tracks.
- All door styles have the option to open in or out.
- Performance exceeds the Oct 2010 building regulations.
- Document 'Q' compliant.
- Internally beaded for added security.

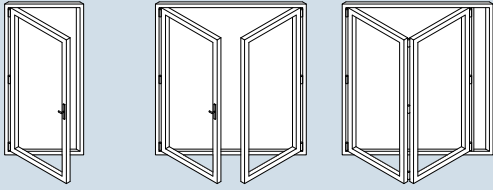
Options

- 2 to 7 panel folding configurations.
- Low or standard rebated thresholds.
- Square or chamfered bead to the interior.
- Square or rounded profile to the exterior.
- White, light grey or black gaskets.
- Range of quality hardware in a variety of colours.
- Dust free integrated blinds.
- Colour matched aluminium quad trims.

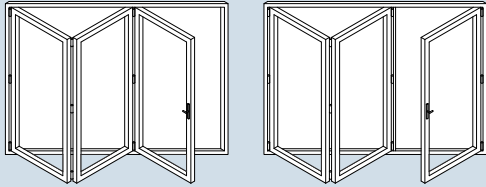


Door Styles

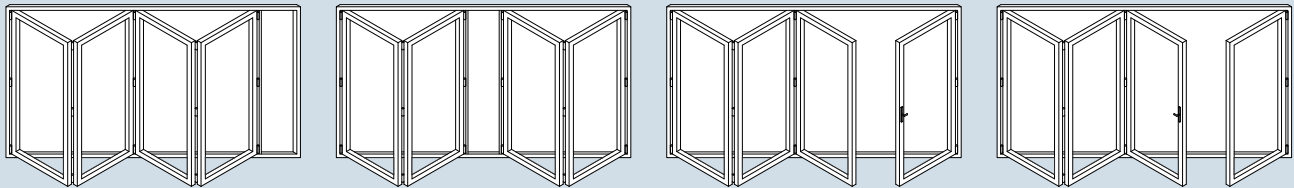
1 & 2 Panels



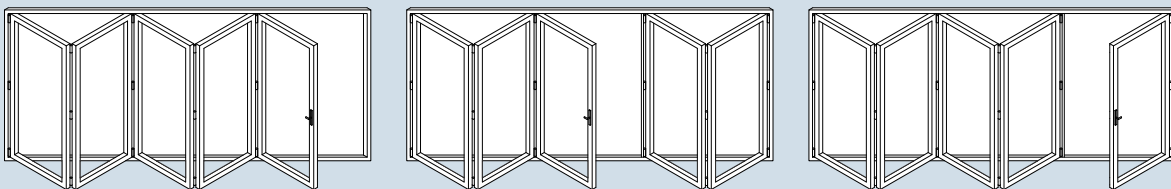
3 Panels



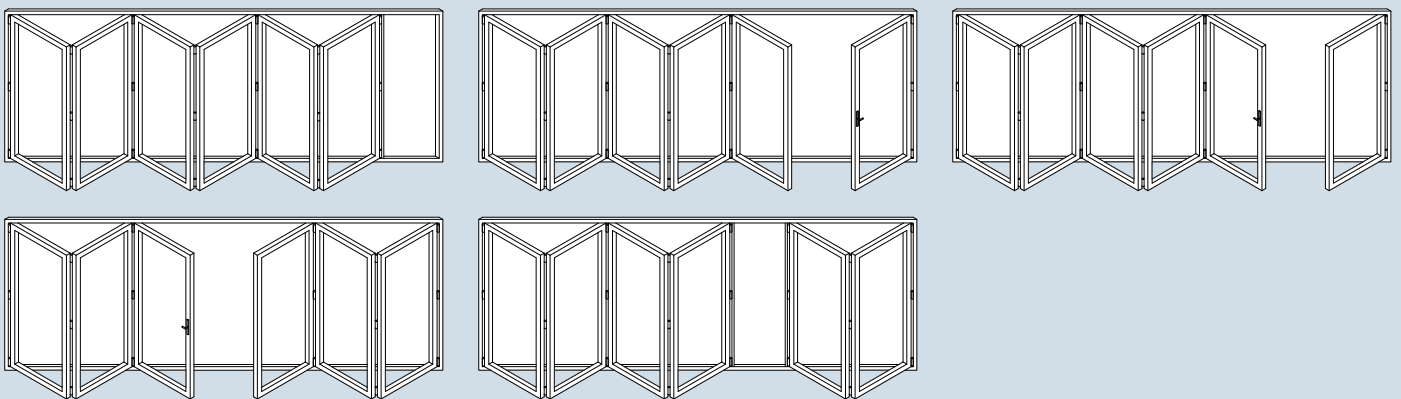
4 Panels



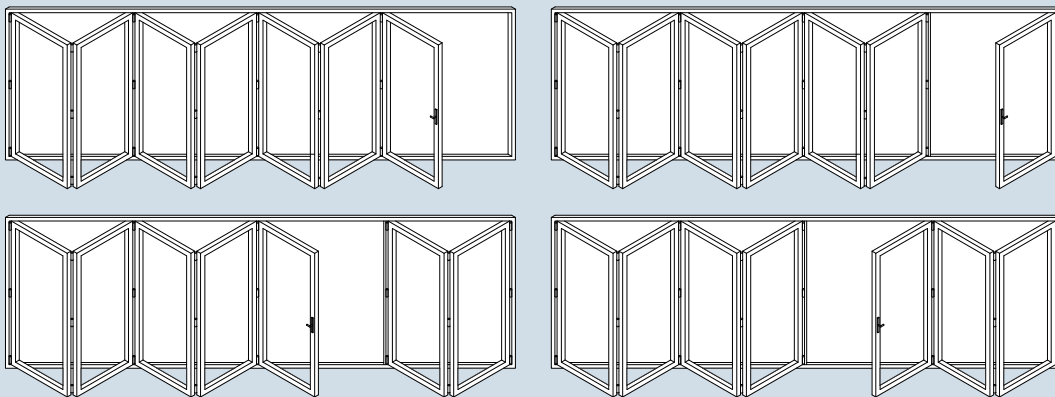
5 Panels



6 Panels



7 Panels



Panel Widths

Minimum Width	700
Maximum Width	1000

Door Heights

Minimum Height	1600
Maximum Height	2400

- All bi-folding door styles can be mirrored from shown.
- All styles have a choice to either open out or open in.
- The sizes detailed above are for guidance only.
- If the sizes you require are less than the minimum or exceed our maximum recommended sizes please contact us.

Security

Our Emperor bi-folding doors are tested to PAS24 for security and are equipped with a comprehensive set of security features.

- All handles are key lockable as standard.
- Lever handles use a 6 point locking system. This includes 2 heavy duty hook locks, 1 dead bolt, 1 latch and 2 roller cams.
- Intermediate panels use heavy duty shoot bolts top and bottom.
- Bogie wheels and top rail guides are used as an anti-jemmy feature to prevent panels being lifted off the tracks.
- Doors with outside access use high security cylinders that are pick resistant, anti-drill and anti-bump.
- Upgrade to laminated glass for added security.
- The doors are internally glazed to offer greater security.



Anti-Bump Cylinder



Heavy Duty Hook Locks



Thermally Efficient








Standard Rebated Threshold



Low Rebated Threshold

Performance

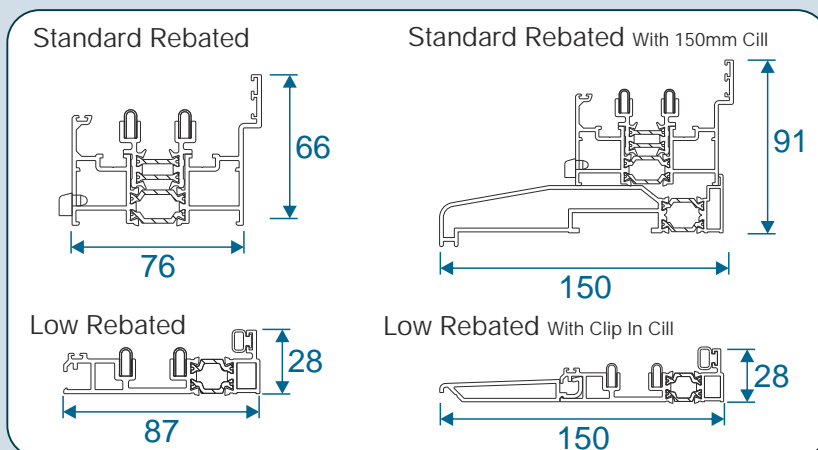
Our doors are designed to provide the best performance possible. With the longevity of aluminium and minimal maintenance needed these doors are designed to last the test of time.

U-Value W/M ² K	Air Permeability	Water Tightness	Wind Resistance	Security
 1.8	 600 Pa	 450 Pa	 1200 Pa	 PAS 24

Weather test results were performed on our low rebated threshold.

Threshold Options

- 66mm Standard rebated threshold.
- 28mm Low rebated threshold with optional clip in cill.
- Optional projection cills are available (add 25mm to the threshold height).
- Cills come in 4 projections 85mm, 150mm, 190mm or 225mm.
- Standard rebated provides a fully weather rated threshold.
- Low rebated provides a slim yet weather rated threshold.



Colours

DUR Colours - Flat Paint Finish

White
(DUR 9010 G)



White
(DUR 9010 M)



Black
(DUR 9005 M)



Dark Grey
(DUR 7016 M)



Medium Grey
(DUR 9007 Met.)



Silver Grey
(DUR 9006 Met.)



Trend Colours - Textured Paint Finish

Anthracite Grey
(DUR 14 ST)



Velour White
(DUR 001 T)



Silver Grey
(DUR 017 T)



Diamond Grey
(DUR 026 T)



Vulcan Black
(DUR 014 T)



Obsidian Black
(DUR 013 T)



RAL Colours

200+ RAL Colours



This is only a selection of the available colours. Please visit our website for more options.
Please note that for technical reasons associated with colour reproduction the images only give an indication of shade.
No guarantee can be given that they will exactly match the powder product.

Hardware

Traffic Door Handles



- White Gloss
- Black
- Chrome
- Brushed Stainless Steel
- Dark Grey 7016
- Vulcan Black
- Trend
- RAL

Intermediate Panel Handles



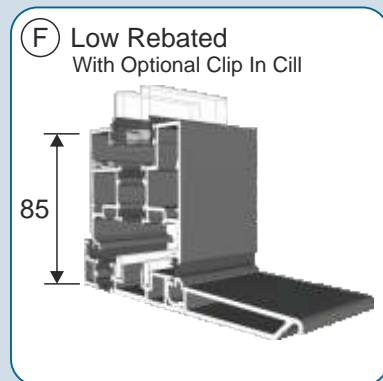
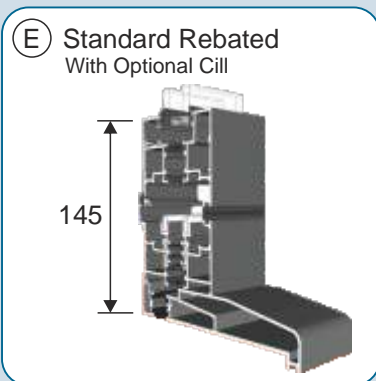
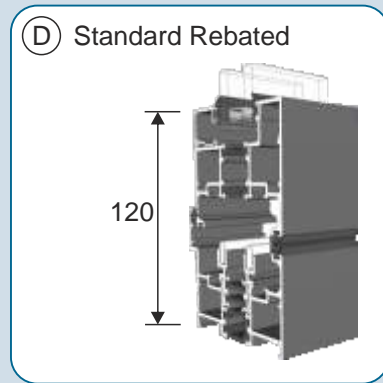
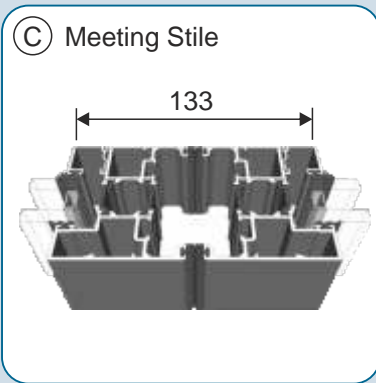
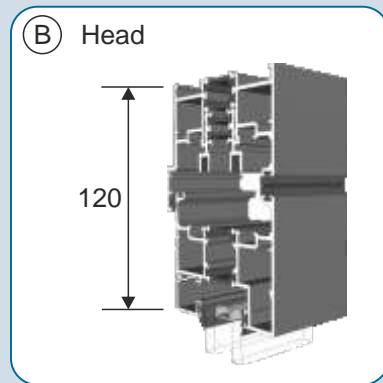
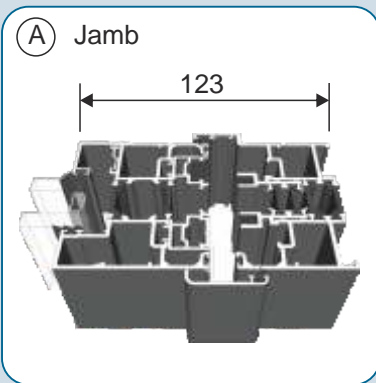
- White Gloss*
- Black*
- Chrome
- Brushed Stainless Steel
- Dark Grey 7016*
- Vulcan Black*
- Trend*
- RAL*

*Please note these handles have the option of a matching or chrome trim.
Intermediate handles only.

Technical



Thermally Broken Aluminium



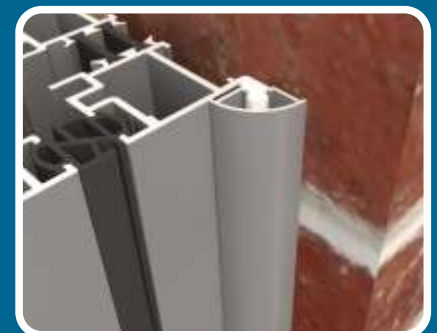
All sizes in mm



No Visible Hinges When Closed



Heavy Duty Bogie Wheels



Optional Aluminium Quad Trim

