

## Aluminium Bifold Door System

### TECHNICAL DATA SHEET

#### System - Cortizo

##### Typical Sizes (standard)

|                          |                |
|--------------------------|----------------|
| Sash widths              | 600mm - 1200mm |
| Door height              | 900mm - 3000mm |
| Max weight per door leaf | 120KG          |

##### Average U-Values

|                                                       |                        |
|-------------------------------------------------------|------------------------|
| CEN Standard<br>(Double Glazed 1 Centre Pane)         | 1.5 W/m <sup>2</sup> K |
| CEN Standard<br>(Super Triple Glazed 0.6 Centre Pane) | 1.1 W/m <sup>2</sup> K |

##### Glazing

|                 |                 |
|-----------------|-----------------|
| Glass Thickness | 28mm up to 44mm |
|-----------------|-----------------|

##### Testing

|               |                           |
|---------------|---------------------------|
| Energy Rating | B - C (glazing dependant) |
| Security      | PAS24 Compliant           |

##### Specification options

|                                |                                     |
|--------------------------------|-------------------------------------|
| Visible Sightline Frame / Sash | 100mm                               |
| Threshold Options              | Standard/ Low/ Integrated Cill      |
| Cills                          | None / 90mm / 150mm / 180mm / 230mm |
| Clip in bead (pre-gasketed)    | ✓                                   |
| Air Permeability               | 600PA                               |
| Water Tightness                | 600PA                               |
| Wind Load Resistance           | 1800PA                              |
| Trickle vents options          | ✓                                   |
| Profile Depth                  | 73mm                                |

\*Results may vary based on specification. Further details available upon request.



\*Image for indicative purposes only

#### Scope

The Aluminium Bi-fold Door system has been designed to meet current and future building regulations, in addition to market-leading features such as our super-slim sightlines. Compliant to PAS24 certification, this door has u-values of just 1.1 W/(m<sup>2</sup>k) when combined with highly energy efficient glass.

#### Finishes

- Available in 5 colour ways with the option of bespoke RAL colour to personalise the project.
- Engineering-grade hardware allows for silky smooth opening and closing operation, without the premium price.
- Require very little maintenance to ensure optimal performance and a fresh appearance.

#### Construction

This aluminium door is constructed using the high-quality bi-fold door profile from Cortizo, fitted with double or triple glazed units.

#### Colours



Black

Grey

White

Black Out/  
White In

Grey Out/  
White In

Bespoke RAL

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