

**Professional  
Fixing & On Site  
Instruction Service  
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Please Ask For Details

# Aluminium Smarts Durafold 1000 Bi-Folding Doors

Thermally Efficient • Easy Glide • Secure • Low Maintenance



## Duration Windows

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**DURATION WINDOWS**

Supplying high quality aluminium products since 1985

## Bi-folding Doors

Our Durafold 1000 Bi-folding doors create an open, flexible, modern space for both living and working environments. These aluminium Bi-folding doors, are our slimmest bi-folding doors yet. Designed to bring a graceful elegance to your home, they allow for over a 90% clear opening - bringing the outside in. Our Durafold 1000 Bi-fold is very slim with square profiles to minimise frame and maximise the glazing area.

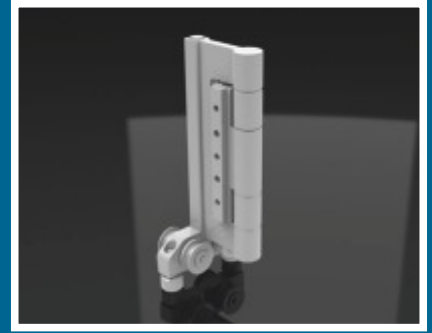
These Doors are virtually maintenance free and built to last. Our low threshold options allow for flush floor levels and minimal step over. Customise your doors with a huge range of colour options for the doors, handles and hinges. You can also choose to have self cleaning or solar control glass and even integrated blinds within the sealed units. Bring the outside in with our Durafold 1000 Bi-folding Doors.



## Features

- A wide range of standard colours including White, Black and Grey. Also available in our new Trend colours or any RAL finish and in single or dual colours. Dual colours allow different colours inside and out.
- Handles, hinges etc. in a range of standard colours, or they can be finished in any RAL colour upon request...colour customise your doors!
- 2 to 7 Panel options as standard. For 8+ panels please ask.
- Threshold options include standard, low 20mm or low 15mm thresholds.
- Doors open in or out, with most styles offering traffic door access.
- High security snap secure, anti-bump locking cylinder. 6 point lock to traffic doors & high security shoot bolts to folding panels.
- Four heavy duty stainless steel bogie wheels run on a double stainless steel track, with dedicated guide for increased stability and added security.
- Self Cleaning glass, Solar Control glass & Integrated Blinds available.
- Internally glazed for added security with Low-E, 90% Argon gas filled sealed units and a swiss V spacerbar.
- Pendulum handle range, or Lever-lever handles on the traffic door, with Pendulum handles on intermediate panels, all in a variety of finishes.
- High weather performance and exceeds the Oct 2010 building regulations and has U values of just 1.7 W/M<sup>2</sup>K.
- Slim 70mm polyamide thermally broken non-rusting aluminium profiles.
- Slim site-lines: Head - 102.6mm; Jambs - 102.6mm; Interlock - 132mm.
- All styles open in and out and most styles have outside access.
- Also Available as a Bi-folding window.

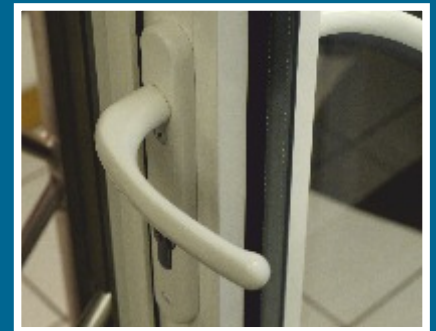
## Contact Us For More Information



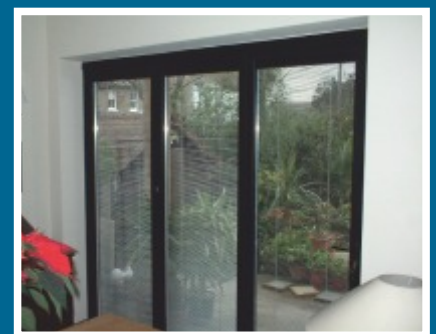
Bogie Wheel Assembly



Pendulum Handle Range



Lever-Lever Traffic Door Handle



Integrated Blinds



Self Cleaning And Solar Glass

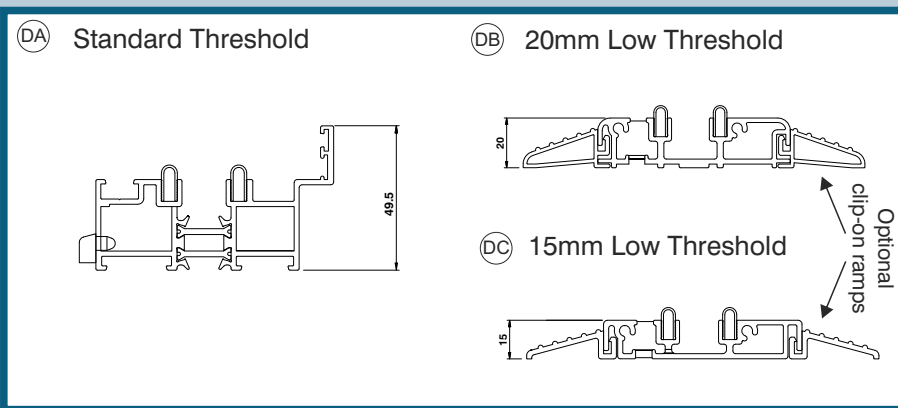
## Traffic Doors

A traffic door allows you to have the freedom to pop in and out of the garden without having to slide and fold any panels - just like you would with a conventional back door. If your chosen style does not include a traffic door you may not have outside access and at least two panels must be folded to open the doors.

Bi-folding doors slide in two's, so an uneven number of panels folding in any direction will always result in an odd panel that can operate independently of the sliding panels. This odd (spare) panel is known as a traffic door, and offers both inside and outside access using a standard lever-lever door handle. For example, a 3 pane door can be either a 2-1 split, or 3 panels all folding one way and both types have a traffic door. On a 4 pane door you must have a 3-1 split to gain a traffic door. A traffic door is not always required as you may decide another door close by will be your main access in and out of the garden.

## Threshold Options

The bottom part of outer frame is referred to as the threshold. This is the part of the frame you step over going in and out of your room. Our standard threshold gives the best weather ratings and is usable on upper floor levels. Dropping any of our thresholds into the floor will give you flush internal floor levels and minimal step over. To create flush floor levels inside and out you need to use one of our low threshold options. See below:



## Performance

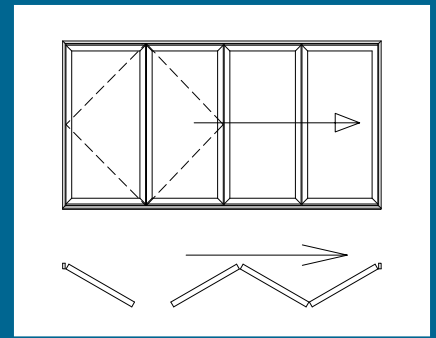
These high performance bi-folding doors exceed the October 2010 building regulations. These doors benefit from Low-E, Argon gas filled sealed units with a 1.2 centre pane value, with toughened safety glass and a Swiss V spacerbar as standard. They are weather tested to the highest standards and achieve U values of only 1.7 W/M<sup>2</sup> K.

Our doors are fitted with high quality hardware and run on four wheel bogie assemblies that travel on twin stainless steel tracks. The bogie wheel assemblies have a dedicated guide that provides improved stability, resulting in easy graceful operation for years to come.

## Security

All intermediate doors have heavy duty shootbolts that secure the doors top and bottom and are operated by our locking lever handles. Traffic doors have high security multi-point locking consisting of two substantial hook locks, two roller cams (for increase compression and to pull the door in), latch and deadbolt. We also fit an extra-high security snap secure, anti-bump locking cylinder as standard. The dedicated guide on each of the bogie wheel assemblies runs within the outerframe, preventing the doors from being forced out of the frame.

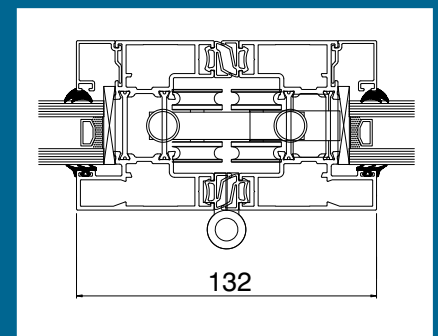
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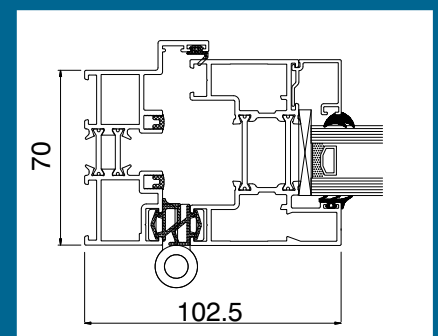
Traffic Doors - (Dotted Lines)



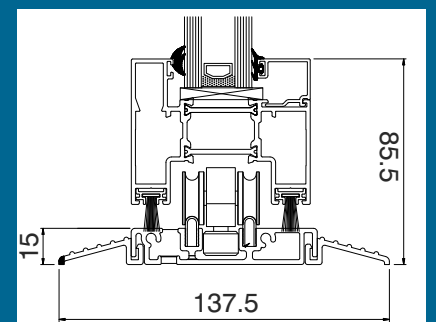
Snap secure, Anti-Bump Cylinder



Slim Interlocks, No Floating Mullion.



Jamb / Outerframe & Door Leaf



15mm Ramped Low Threshold

## Standard Door Styles

Number of Panels

1 & 2



### Traffic Doors

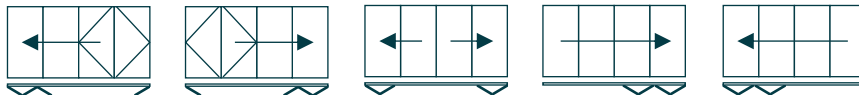


A triangle in a sash indicates a traffic door. The point of the triangle indicates hinges.

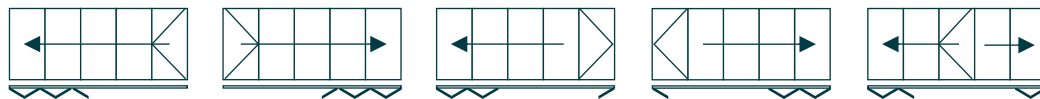
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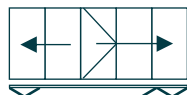
4



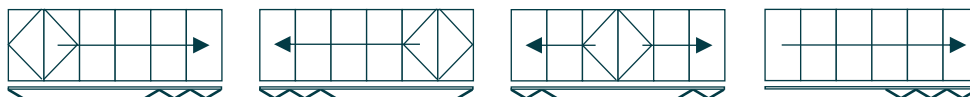
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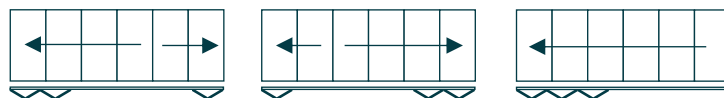
5



6



6



7



7



No of Door Panels	2	3	4	5	6	7	8+
Minimum Width	1400	2100	2800	3500	4200	4900	Please
Maximum Width	2000	3000	4000	5000	6000	7000	Ask

No of Door Panels	All
Minimum Height	1600
Maximum Height	2400

**Note:**

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 our technical department.

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