



Aluminium folding/sliding doors

Engineered for conservatories

Version: 1.0
Sept 2010



smart

architectural aluminium

Smart Systems, has over the past 25 years grown to become one of the UK's leading aluminium systems companies with a reputation for product innovation, design expertise, technical competence and quality.

Visofold is a unique slide and fold dual hollow aluminium door system. Smart's latest edition to the Visofold range, Panorama, offers elegant slim sightlines coupled with highly engineered hardware designed to ensure years of reliable service.



Product Overview

Stunning doors styled to suit your home

- > Choose open in or out, stack left or right, open at the centre, end or in-between.
- > Slim sightlines allow more light into the building and a pleasing appearance.
- > Ultra-low threshold option where unimpeded access is require.
- > Attractively styled round-edge profiles.
- > Aluminium profiles for low maintenance.

High Quality Performance

- > High quality EPDM gaskets and weather brushes to aid weather proofing.
- > Large Polyamide thermal barrier reduces heat.

Engineered for years of reliable service

- > High security hook bolt lock and one piece keep.
- > Handle integral to lock mechanism and locking shoot-bolts.
- > Highly engineered and robust hinges.
- > Specially designed stainless steel rollers give smooth and easy operation.

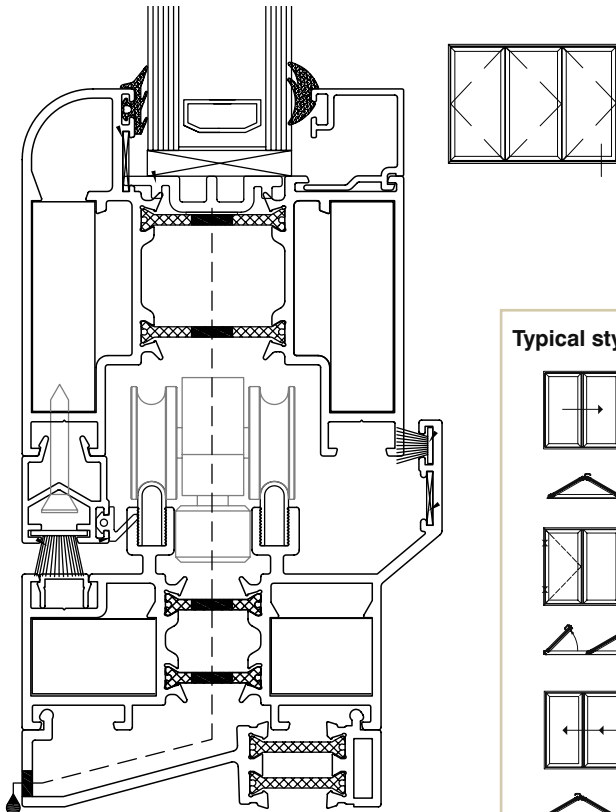
Colour – Your choice

- > Choose a colour to suit your home. Can't decide? Choose two! Dual colour option available – different colours inside and out.
- > Hardware options – handles and hinges available in black or white.

Visofold Panorama



Visofold Panorama x section



IMPORTANT NOTES FOR DESIGNERS/SPECIFIERS

1. We advise that a support post (not supplied) is used each side of the doors – this needs to attach to the Super Duty Eaves Beam and attach to the floor slab. It is the responsibility of the conservatory designer/specifier to provide full lateral and vertical support for the Super Duty Eaves Beam – loads are likely to be higher than conservatory retailers are used to.

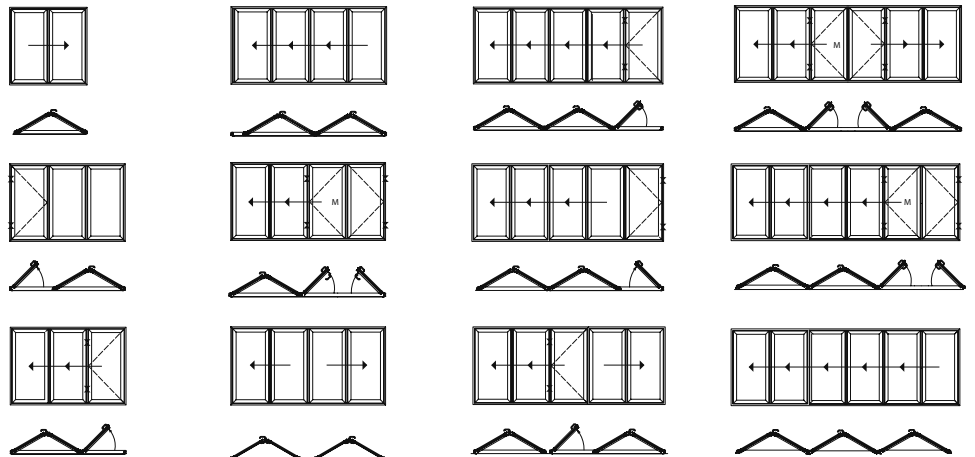
2. When using Ultraframe's SMART system aluminium doors in conservatories, we strongly advise that this is in combination with the Classic roof system Super Duty Eaves Beam.

All of the span charts published for the Super Duty Eaves beam are based on a maximum deflection of 7mm under full structural load, and the Ultraframe bi-fold doors can accommodate this degree of deflection without catching.

However, many alternative bi-fold doors are not designed for conservatory use, but to only sit inside lintel supported masonry openings where the deflections are minimal. Many of these alternatives cannot accommodate 7mm of deflection without catching.

The selection of what may appear to be bi-folds with an eye catching price may cost you more in the long term as a steel beam will probably be required to reduce deflection – clearly this is costly. Ignoring the issue of deflection may result in a disgruntled consumer, expensive call backs and remedial action.

Typical style options



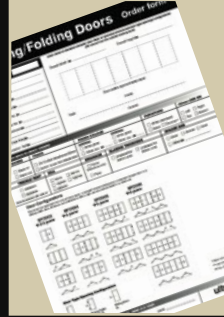
Typical detail - Actual detail may vary



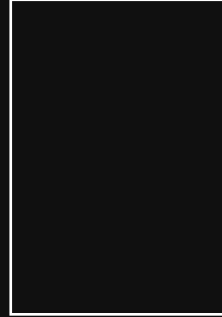
Ask to see our supporting literature -



Super Duty Eaves
Beam Brochure



Price List/Order Form



Installation Guidelines

Ultraframe is a trading name of Ultraframe (UK) Limited.

It is UJ

ultraframe

Ultraframe (UK) Ltd, Salthill Road, Clitheroe, Lancashire. BB7 1PE

Ultraframe is a trading name of Ultraframe (UK) Ltd
Conservaglass, is a registered trademark of Ultraframe (UK) Ltd.

www.ultraframe.co.uk

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Sliding/Folding Doors Order form

Account No.

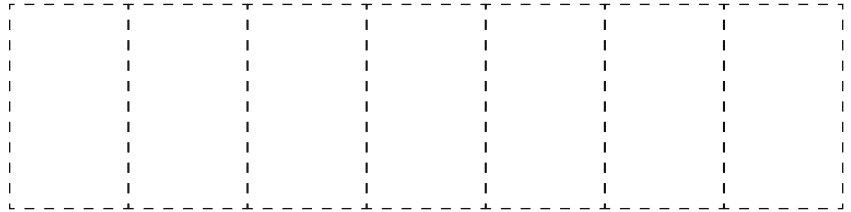
Draw doors in elevation and plan view. Mark on direction of travel and door type/opening Configurations
(All viewed from the outside looking back)

Company Name ➤

Overall Width ➤

Overall Height ➤

Order Number ➤



Job Reference ➤

Door widths approximately equal

Company Contact ➤

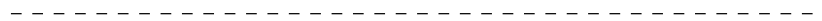
Telephone No. ➤

Track

Inside

Fax No. ➤

Delivery Address ➤



Outside

Delivery Date Req ➤

Quotation Ref ➤

FOLDING/SLIDING DOORS

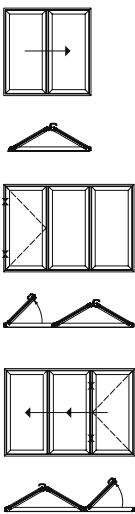
DOORS	TRACK	FINISH COLOUR		FURNITURE	42mm ADD ON
<input type="checkbox"/> Stack in* <input type="checkbox"/> Stack out	<input type="checkbox"/> DV10 (Std) 63mm Weathered <input type="checkbox"/> DV70** (Low) 30mm Non-Weathered	INTERNAL <input type="checkbox"/> White gloss <input type="checkbox"/> Other (RAL) ➤	EXTERNAL <input type="checkbox"/> White gloss <input type="checkbox"/> Other (RAL) ➤	<input type="checkbox"/> White (standard) <input type="checkbox"/> Black <input type="checkbox"/> Chrome***	<input type="checkbox"/> Left <input type="checkbox"/> Right <input type="checkbox"/> Top <input type="checkbox"/> Bottom
TRICKLE VENT	CILL	DRAINAGE	GLAZING THICKNESS	SPACER BAR	
<input type="checkbox"/> 4000mm <input type="checkbox"/> 8000mm Must be selected with 'add-on'	<input type="checkbox"/> None <input type="checkbox"/> 85mm <input type="checkbox"/> 150mm <input type="checkbox"/> 190mm <input type="checkbox"/> 225mm	<input type="checkbox"/> None (Internal use only) <input type="checkbox"/> Face	<input type="checkbox"/> Unglazed for 24mm units <input type="checkbox"/> Unglazed for 28mm units	<input type="checkbox"/> Silver <input type="checkbox"/> Bronze <input type="checkbox"/> Gold <input type="checkbox"/> Other ➤	

* Stack out required in exposed position ** Has no weather rating *** No chrome hinge equivalent

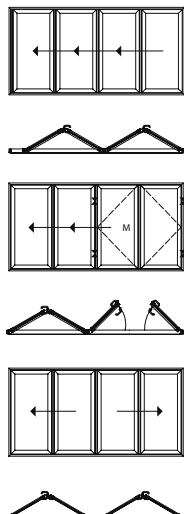
Door Configurations

Doors can be specified from one of three types - a straight forward sliding door, a standard hinged door or a sliding traffic door. All doors can fold/slide to left or right can be ordered stack in or stack out

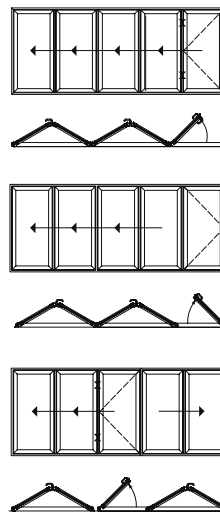
BFD003
▼ 2/3 pane



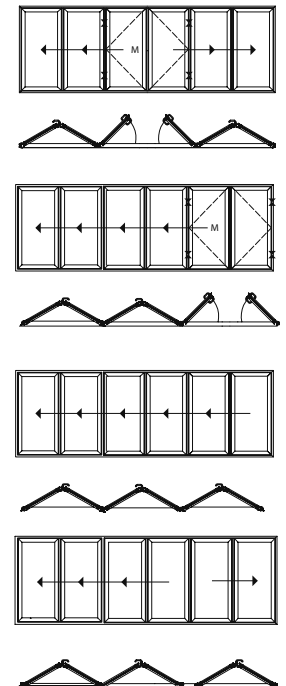
BFD004
▼ 4 pane



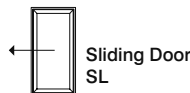
BFD005
▼ 5 pane



BFD006
▼ 6 pane



Door Type/Opening Configuration



PLEASE SIGN BELOW & FAX BACK TO 0800 013 1939

.....

DATE

ultraframe

Sliding/Folding Doors

Price List

This price list MUST be read in conjunction with the span charts and technical brochure (below).

Standard Specification

- White (other colours available)
- Supplied unglazed to suit 24 or 28mm units
- White handles
- Doors can fold inside or out

Cost Options

- Height over 2100mm - **add 5%**
Note: Please be aware that taller doors are narrower - due to the weight of the door this may result in the door becoming 5 panel instead of 4 panel etc.
- Non-white colour - **one side add 5%**
- **two sides add 10%**
- Painted for coastal/marine environments - **add 5%**

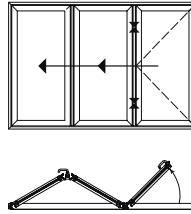
Prices for Super Duty Eaves Beam

To upgrade to Super Duty Eaves Beam, refer to the span charts over page and carefully read the technical brochure.
You must use the Super Duty Eaves Beam on every facet of the nominated conservatory.

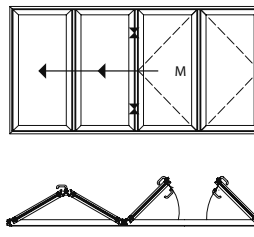
Take your conservatory roof price and add £116.75/linear metre list price.



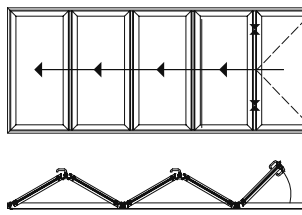
		Unglazed
		NETT PRICE (£)
BFD003 THREE PANEL	WIDTH	
	2200	1705
	2400	1734
	2600	1764
	2800	1793
3000	1863	



		Unglazed
		NETT PRICE (£)
BFD004 FOUR PANEL	WIDTH	
	2800	2144
	3000	2215
	3200	2263
	3400	2313
	3600	2362
	3800	2410
	4000	2481



		Unglazed
		NETT PRICE (£)
BFD005 FIVE PANEL	WIDTH	
	3800	2604
	4000	2674
	4200	2707
	4400	2734
	4600	2765
	4800	2825
	5000	2895



		Unglazed
		NETT PRICE (£)
BFD006 SIX PANEL	WIDTH	
	4800	3071
	5000	3141
	5200	3171
	5400	3201
	5600	3232
	5800	3279
	6000	3349

