

Aluminium Bi-Fold Doors

Features

Frame Offering

- < 68mm outer frame with integrated track
- < 75mm sash with concealed hardware and gearing design.
- < Aluminium rebate for Master door leaf.
- < Slim double door coupling.

Thresholds

- < Choice of aluminium thresholds: 52mm and 30mm heights along with 15mm x 160mm, 25 x 150 aluminium sills, and 150mm and 180mm sub-sill
- < 30mm threshold includes ramp options for disability access.

Weatherseals

- < A range of woolpile and high performance Q-Lon gaskets to suit all door combinations.

Styles

- < 13 door opening sequences from 2 to 6 panel options
- < Maximum sash width up to 1200mm wide and door heights of 2420mm.

Construction

- < Crimped or cleated frame and sash options.

Glazing

- < 28mm and 36mm bead options.

Hardware

- < Master, flush, espag handles available plus door panel magnets
- < Secured by Design and Part Q specification available.



Colour Options





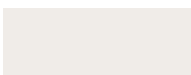


- < Black - 9005
- < Dark Grey - 7016
- < Slate Grey - 7015
- < Cream - 9001
- < White - 9016
- < Black on White
- < Dark Grey on White.

Thermal Performance

- < 1.4 'U' value with a combination of double and triple glazed units.

Ventilation

- < Proprietary ventilation devices can be used on all designs.

	Black 9005
	Dark Grey 7016
	Slate Grey 7015
	Cream 9001
	White 9016
	Black on White
	7016 Dark Grey on White

Tested to BS 6375-1:2015

Air Permeability	Water Tightness	Wind Resistance
Class 2 300Pa	Class 8A 300Pa	Class A3 1200Pa

Performance

Security

- < Bi-Fold hardware is a cassette design system which incorporates all the various locking systems to suit door opening sequences. The cassette system means the locks are housed in aluminium extrusions for added strength and ease of installation
- < Available to achieve Secured by Design status.

Thermal

- < A number of simulations have been carried out by 'approved' simulators at Duraflex providing a range of DER's for Doors following the introduction of doors to the Energy scheme in December 2011
- < 'U' value simulations have been carried out to ensure the revised Building Regulations of October 1st 2010 requiring a minimum 'U' value of 1.8 W/m²K (1.6 W/m²K in Scotland). Further detailed simulations are being carried out and added to our already comprehensive portfolio.

General Features

- < **Q-Lon** - 99% compression recovery, high performance acoustic and weather sealing properties with lifetime guarantee. Operates perfectly in temperatures ranging from -20°C to 70°C
- < **Lock Case** - concealed within sash, enhances glazing
- < **Frame Cover** - 10mm cover all round enhances weather performance and makes installation much easier.

