

DUTEMÄNN

exceeds expectations

FOLDING DOOR 85

The aluminium bi-folding door
with stacks of user appeal.



INTRODUCING THE FOLDING DOOR 85

Our latest generation aluminium **Folding Door FD85®** is designed to complement modern home extensions with a sleek and contemporary door, manufactured in the UK and designed with the latest technology and other unique features and benefits.

The **FD85®** has a host of other features and benefits but from conception its main design brief was focused on three areas: **sightlines, security and U-Values.**

It's the perfect door to replace your old sliding doors or French doors with greatly reduced sight lines, enhanced security, thermal efficiency and some exclusive added features.

Available in a choice of any RAL colour using high quality powder-coated colour finishes, featuring slim sightlines and double or triple-glazed glazing options plus dedicated hardware, the **FD85®** has stacks of end user appeal built-in.

If you are looking for one of the very best aluminium folding doors on the market, the **Folding Door FD85®** gives you everything you expect as standard, and much, much more!





INSIST ON THE SLIMMEST DOOR FOR UNINTERRUPTED VIEWS

We understand, the modern homeowner is seeking more natural light and uninterrupted views. The corner stone of designing **FD85®** was to create the slimmest door without affecting the strength and security of the door.

Very slim sight lines are a prerequisite of a modern Folding Door, with the **FD85®** having a 105mm sight lines letting more light through each panel even when the doors are closed. This makes the **FD85® one of the slimmest bifolding doors on the market** by the systems specialist, Dutemänn.

Aiming to break the barriers of what can be achieved with a Bifold door, the **FD85®** can span up to 3m tall and 1.35m wide in each panel, meaning a 4 metre opening can be fitted with just three panels.

Less Aluminium. More Glass.

For those wanting matching single or French doors to match their bifolds, it is possible with the **FD85®**.



QUADBOLT®
FITTED AS STANDARD
EXCLUSIVE
TO DUTEMÄNN FD85



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INSIST ON THE BEST SECURITY

QuadBolt® is one of the design features that we are most proud of, this innovation will give homeowners everywhere the added security they crave.

Exclusive locking system.

The **QuadBolt®** system, exclusive to your new and sophisticated folding door is the latest-generation four-way shoot bolt locking system and it is **fitted as standard**.

For peace of mind, you benefit from a modern, reliable locking system designed to protect you and your home.

Insist on it!

Folding Door **FD85®** with **QuadBolt®** locks are tested to the latest security standards like PAS24:2016, the most rigorous security test for Bifold doors ever. Where 4.5 tonnes of pressure are exerted on the locking points and corners of the doors as part of the strength test.

Passing the test means **FD85®** meets the current Part Q of the Building Regulations for new build dwellings.

Insist on the best possible security for your home, without the added cost!

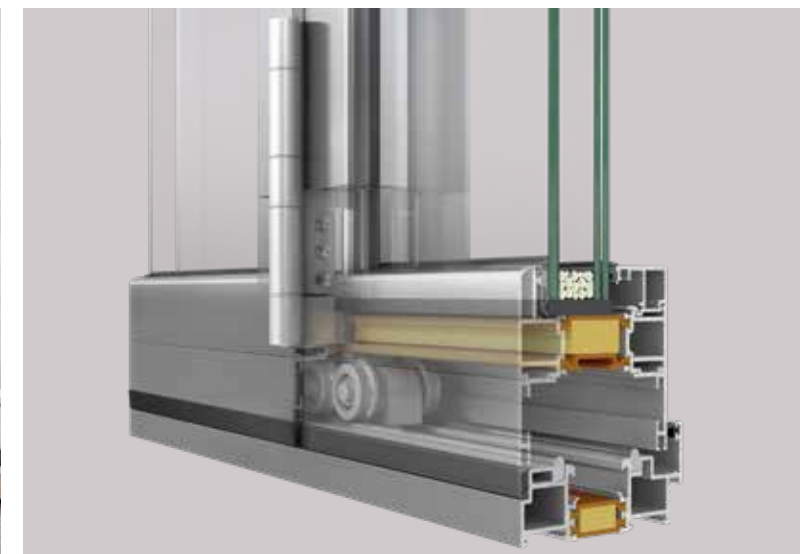
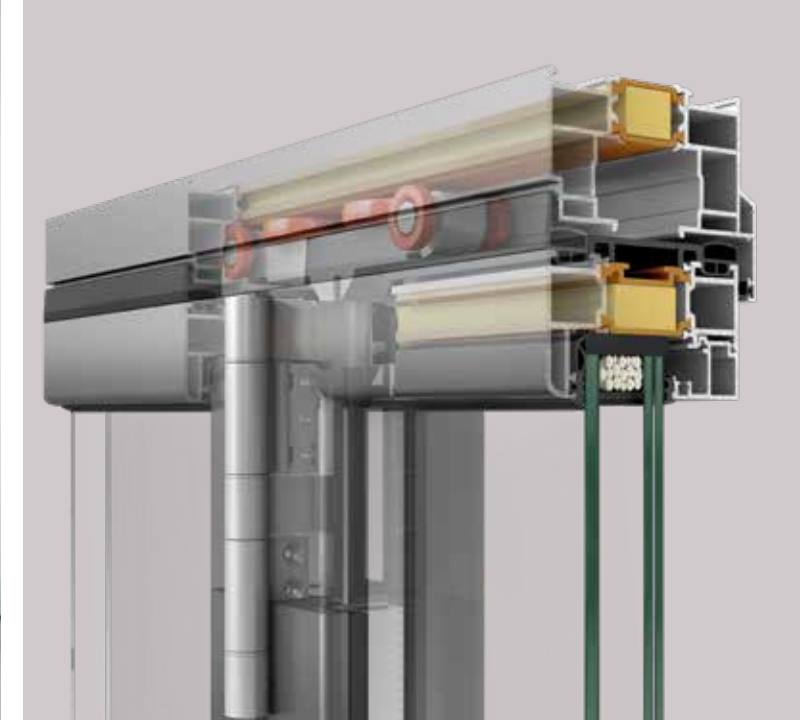


INSIST ON THE BEST THERMAL PERFORMANCE

We are all very aware of the impact of not choosing the most thermally efficient products when we embark on a project.

Currently in the England, Wales and Northern Ireland all replacement doors must have a U-Value 1.8 (W/mK) or less (in Scotland its 1.6 (W/mK)). So, a key element of the design brief for **FD85®** was that we achieve a **low U-Value**. This has resulted in a typical **FD85®** door having a U-Value of 1.3 (W/mK), this can be improved if you choose triple glazing resulting in a value of **1.1 (W/mK)**.

These remarkable values are achieved using state of art weather seals incorporating a thermal barrier, a large thermal break and the best glazing options.





RESIDENTIAL COMMERCIAL AND RETAIL

The **Folding Door FD85®** has a world of applications – situations where a bi-folding door can be used to break down barriers between separate spaces with a wider opening than you get with other door systems. It's not just for connecting your home and garden – **FD85®** can connect any spaces, residential, commercial and retail.

- New Build
- Extensions
- Orangeries
- Swimming pools
- Summer houses
- Home office / Outbuildings
- Hotels
- Showrooms
- Cafes and Restaurants



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PREMIUM COLOUR FINISHES AND LUXURY HARDWARE



The doors can be finished in a choice of over 200 RAL colours. The pre-anodised powder coat finish is applied to the aluminium extrusions in a controlled factory environment ensuring a high quality finish. For coastal locations and swimming pool areas the finish can be upgraded to Marine Grade (ask your installer for more details). Our colour range is available in subtle, natural matt finishes and a gloss white option.

BIFOLD DOOR HANDLES

STANDARD
LEVER



WING
LEVER



T BAR
LEVER



At last you can have a fully suited hardware range across your bi-fold door with our new bi-fold handle range. A choice of 3 pull levers to operate the shootbolts on your bi-fold, designed to meet the most rigorous applications of even the largest door leaves.

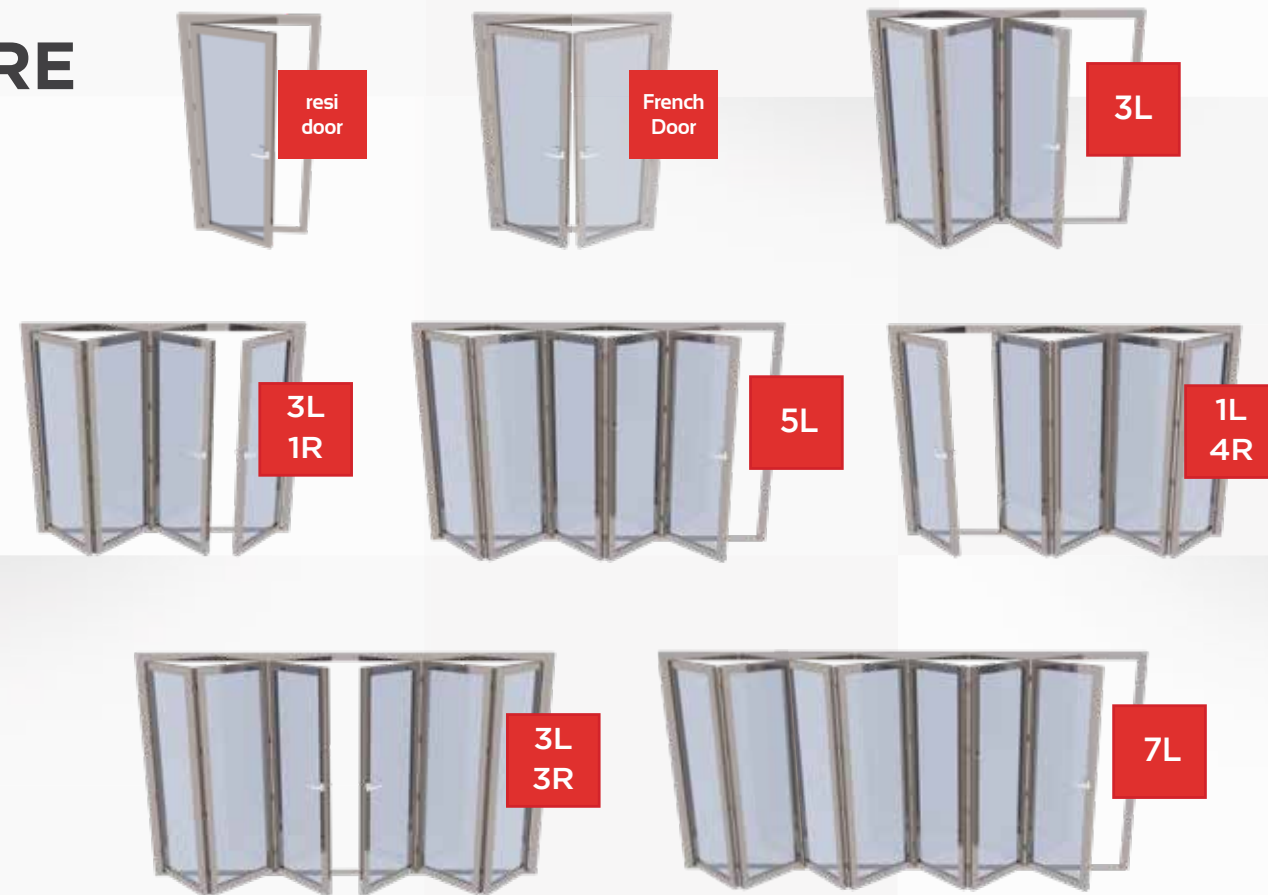
- Solid 316 stainless steel handles available for excellent corrosion resistance
- Ergonomic design for enhanced grip
- Standard lever features unique 'super-satin' finish for a quality appearance
- Available in White, Matt Silver and Matt Black.



MADE TO MEASURE DOORS

Our made to measure doors are available in any RAL colour and can be manufactured in any opening configuration.

A very cost effective solution!



EXCEPTIONAL FEATURES

- Ultra slim 105mm sight lines
- QuadBolt® high security locking system
- PAS24:2016
- Perfect weather tightness
- Thermally efficient
- Low U values
- High transparency
- Anti-finger trap gasket
- Quiet operation
- 200 RAL colours
- Luxury hardware options
- Wide choice of styles



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