

FOLDING DOORS    WINDOWS    FIXED PANELS    SILICONE JOINTING    ENTRANCE DOORS    PARALLEL SLIDE & TILT DOORS



Supertherm80 is a unique system with exceptionally low u values.

INTEGRATED SYSTEMS    CONTEMPORARY DESIGN    EXCELLENT THERMAL PROPERTIES    SECURE LOCKING

# ultimate thermal efficiency

- A sophisticated design of thermal breaks and insulation allow this system to reach its high level of thermal efficiency. Attractive design and superior engineering ensure maximum longevity.

A wide choice of options and combinations allow for individual design solutions.

## Product info for ST80 PRODUCTS

**construction:** thermally broken aluminium with insulated cavity

**insulation:**  $U_w$  value of 1.4 ( $W = 1.4k/m^2$ )

**glazing:** toughened or laminated, double or triple glazed Low-E units, all glass types up to 62mm thick possible. In-glazed blinds available on request

**frame finish:** a wide range of colours with the option of different colours inside and out

**ironmongery:** standard, colour matched or satin stainless steel

> SUPERTHERM80 folding doors



An odd number of panels create a natural pass door for easy access. Even numbers of panels can also be split to provide this facility.

# keep the outside, outside

## Product info for ST80 FOLDING DOORS

Supertherm80 folding doors are designed to keep the weather out when closed and allow you to get the most from summer days when open. Stringent testing at renowned European test centres prove the abilities of this technologically advanced product. With endless configurations possible and flush thresholds achievable, this versatile system offers unlimited design solutions coupled with the reassurance of superior quality engineering.

**panel width:** max 1200mm

**panel height:** max 3000mm

**panel thickness:** 80mm

**security:** three point locking mechanism with high security cylinder locks

Wärmedurchgangskoeffizient



$$U_T = 1,8 \text{ W/(m}^2 \cdot \text{K)}$$



IfR Rosenheim  
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An overall  $U_w$  value of 1.4 is achieved when combining the Supertherm80 frames (tested to prove  $U_T$  1.8) with Low-E glass. Severe weather rating certificates also available.

to download a technical manual of this product, please visit [www.cleardivision.ie](http://www.cleardivision.ie)



Supertherm80 profiles can be adapted to accommodate vertical glass to glass junctions (silicon jointed) to create an impressive glass wall.



Large fixed panels above this folding door create a contemporary look.

## fully integrated matching systems

### Product info for ST80 GLAZING

The Supertherm80 range of complimentary glazing systems includes windows, fixed glazing and silicone jointed units. These can be combined and tailor made to your specific requirements. Casements feature inward opening tilt and/or turn mechanisms which allow secure locking in the vent position and easy cleaning. This glazing range is constructed and tested to the same standard as all Supertherm80 products.

**maximum sizes:** dependant on location, floor level, weight and configuration

**security:** internally operated key locking handle mechanism



This window is shown in both its tilt and turn positions.

## > SUPERTHERM80 entrance doors



### Product info for ST80 ENTRANCE DOORS

French doors and single entrance doors are available in the Supertherm80 range.

The door system is designed for left or right hinge and inward or outward opening versions. Options are available for a low level (10mm) threshold or a severe weathered step threshold (55mm). Doors can incorporate aluminium insulated panels, opaque glass, mid-rails, interal blinds and cat flaps where desired.

**panel width:** max 1300mm

**panel height:** max 2800mm

**panel thickness:** 80mm

**security:** three point locking mechanism with high security cylinder locks

Our beautifully engineered doors complete the overall look of a project.

## > SUPERTHERM80 parallel slide and tilt doors

### Product info for ST80 PARALLEL SLIDE AND TILT DOORS

Supertherm80 Parallel Slide and Tilt (PST) is a sliding door system which closes flush but also has the facility to tilt inwards for secure ventilation. PST is available in 2, 3 or 4 panel configurations sliding either left or right and features a weathered step threshold (approx 80mm) as standard.

**panel width:** max 2400mm

**panel height:** max 2400mm

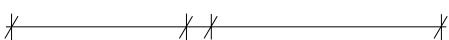
**panel thickness:** 80mm

**security:** internally operated key locking lever handle with secure tilt position

The PST is incredibly popular throughout Europe combining the convenience of a tilting window with the versatility of a patio door. These PST doors are shown in both tilt and closed positions.



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