

70mm Tilt & Turn Window



Features

Frame Offering

- ◀ Choice of outer frame - 68mm and 85mm height
- ◀ Choice of 3 transom widths - 63mm, 72mm and 86mm
- ◀ Dedicated 65mm sash
- ◀ All sections available featured and bevelled
- ◀ Available fully welded or mechanically jointed.

Weatherseals

- ◀ High performance Q-Lon gasket supplied in all mainframe sections with a manufacturer lifetime guarantee.

Thermal and Steel Reinforcing

- ◀ Galvanised steel range to suit topography requirements
- ◀ Aluminium range for mechanical joint requirements
- ◀ Range of thermal reinforcements (with strip steel) for higher 'U' value and ERP requirements
- ◀ All reinforcements are designed to achieve required security and weathering requirements, where required.

Finishes

- ◀ Signature white
- ◀ Range of solid colour and woodgrain foils.

Glazing

- ◀ Choice of 4 glazing thicknesses - 24mm or 28mm for double glazed units. 36mm or 44mm for triple glazed
- ◀ Georgian bars in 20mm, 28mm and 50mm Dummy Transom widths.

Ancillaries

- ◀ Comprehensive range of add-ons, couplers, corner posts, bay poles available to suit any installation.

Hardware

- ◀ Full depth eurogroove positioned centrally, accepts a wide range of perimeter locking and concealed hardware
- ◀ Secured by Design and Part Q specification available.

Ventilation

- ◀ Proprietary ventilation devices can be used on all designs
- ◀ A range of ventilation options available including large outer frame, head extension and dedicated one piece head vent (see cavity closer for further details).

Thermal Performance

- ◀ A range of A++ to C and 0.8 to 1.6 'U' value performance are achievable with the Duraflex Diamond Suite. See separate energy performance data sheet for details.

Tested to BS 6375-1:2015

Air Permeability	Water Tightness	Wind Resistance
Class 4 600Pa	Class 9A 600Pa	Class A3 2400Pa



Performance

Security

- ◀ A wide range of hardware options available
- ◀ Concealed and perimeter locking options
- ◀ Enhanced security, Secured by Design hardware also available.

Thermal

- ◀ A large number of simulations have been carried out by 'approved' simulators at Duraflex providing a comprehensive range of WER's (Window Energy Ratings) for A++, A+, A, B and C ratings and 'U' values to 0.8 - 1.6W/m²k using standard readily available components, lower 'U' values are available with the use of special glass combinations.

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
- ◀ **Lead Free** - environmentally friendly, calcium organic lead free formulation
- ◀ **Finishes** - comprehensive range of natural wood and solid colour foils
- ◀ **Structural** - comprehensive range of coupling sections to suit various applications
- ◀ **Featured and Bevelled.**

