

70mm Tilt & Turn Window



Features

Frame Offering

- ⌋ Dedicated outerframe - 68mm and 83mm 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

- ⌋ Standard white and brilliant 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
- ⌋ Astrical, Georgian bars in 20mm and 28mm 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 outerframe, head extension and dedicated one piece head vent (see cavity closer for further details).

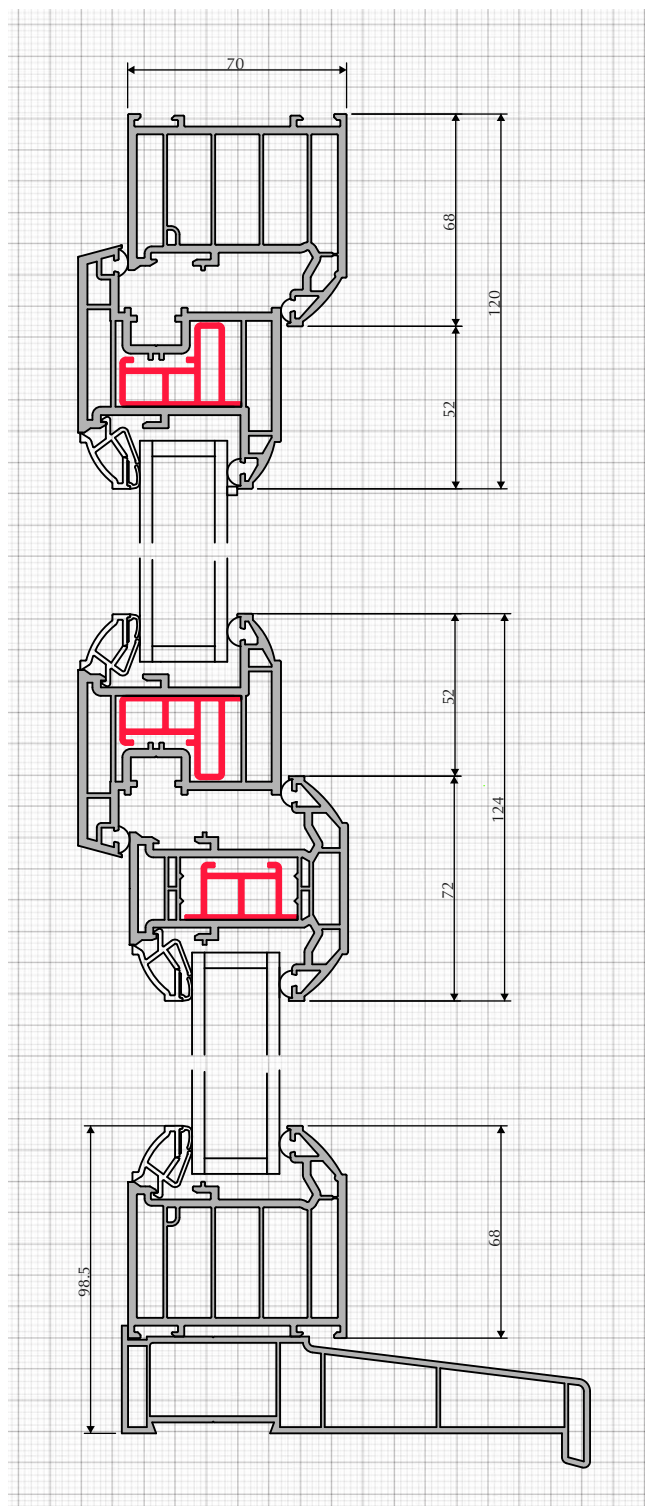
Thermal Performance

- ⌋ 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.

Test Results

Frame Type	Size	Air Permeability	Water Tightness	Wind Resistance	Standard	Accreditation Body
Tilt & Turn	1200 x 1200	600Pa	450Pa	2400Pa	BS6375-1:2004	BSI
Tilt & Turn	1300 x 2100	600Pa	600Pa	2400Pa	BS6375-1:2009	BBA
Tilt & Turn next to fixed	1500 x 2400	600Pa	300Pa	1200Pa	BS6375-1:2009	BBA

70mm Tilt & Turn Window



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 1.4W/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 weathersealing 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.