

Technical Specifications

Big Rooflights: breaking boundaries in size, performance, and style. Our thermally broken system lets you create some of the largest rooflights available without compromising on thermal efficiency or structural strength.

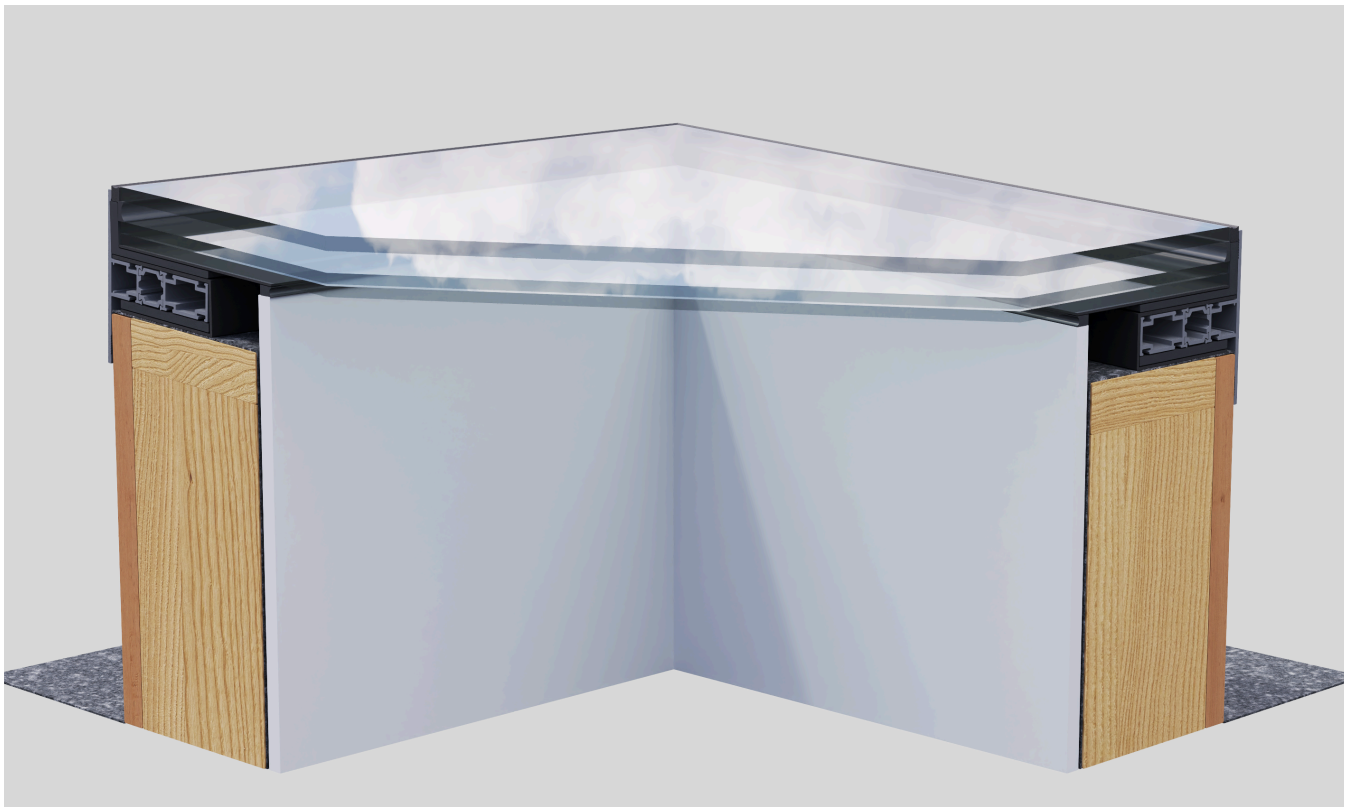
Discover the full technical specification below.

- Double or Triple glazing with argon gas.
- All glazing meets and exceeds current building regulation heat loss requirements.
- Aluminium section 6063 T6 alloy.
- 60 microns or more coastal powder coating paint thickness.
- Frame available in 3 standard colours RAL9005, RAL7016 & 9010. Non-standard classic RAL Available upon request.
- Glazing options — Standard Low Emmissivity Glass, Solar Control, Super Clear Low Iron or Obscure Satin.
- Black painted border as standard (Can be provided as a silicone border if requested).
- Up to 12mm toughened outer pane (Thickness calculated based upon size to achieve 0.8Kn wind load.
- Double Glazing system value of up to 1.0 W/m²K.
- Triple Glazing system value of up to 0.7 W/m²K.
- 1.52mm Laminated inner pane as standard
- Dow Corning 895 Structural Glazing Silicone recommended to seal rooflight for maximum structural integrity.
- Fully structurally designed to comply with applicable design codes.
- Full wind load and snow load calculations.

Extensive Testing:

- Air & Weather Performance to meet BS 6375-1:2015
- Air Permeability to meet BS EN 1026:2000
- Wind Resistance to meet BS EN 12211:2000
- Toughened Safety Glass to meet BS EN 12150
- Laminated Safety Glass to meet BS EN 14449
- Heat soaked toughened glass to BS EN 14179
- Aluminium Extrusion to European standards EN 755

Big Rooflights Specification



- Fully insulated kerb
- Recommended Kerb height 150mm
- Polyamide thermal breaks
- 3M VHB structural glazing tapes
- Warm edge, silicone sealed units
- Up to 12mm toughened top pane
- Polished glass edges
- Dow Corning 121 structural silicone
- 60 microns paint thickness
- Plaster edge trim by client
- Soft coat low-e coatings
- Centre pane u-value 1.0 w/m²k
- Argon gas filled cavities