



### Glass

An Oriel Window is a bespoke structural glass construction. The glass specification is selected to suit each individual project requirement and the size of the Oriel Window.

Typical Glass Specification 6/8/10mm toughened outer / 16mm argon filled cavity / 6x2/8x2/10x2mm toughened laminated inner with low e coating and specialist strengthening interlayer

Roof Glass glass specification as above with a stepped glass edge on 3 sides and 50mm overhang. The glass overhang is not required however we do recommend it to facilitate water run off from the glass roof.

Available on request Triple Glazing, Low Iron Glass, Low Maintenance Coatings, Solar Control Coatings, IQ Heated Glass, Privacy Glass, Electro Chromic Glass, Coloured/Decorative Interlayer (available on small sizes), Acoustic Interlayer (available on small sizes), Anti Reflective Glass

Typical Ug Value 1.1 W/m<sup>2</sup>K

### Support and Fixings

Frameless structural glass design with hidden angle/channel fixings designed to each project specification.

Glass to Glass Connections stepped and sealed together using high modular structural silicone.

### Performance

Resistance to Wind Load designed to wind load 0.65kN/m<sup>2</sup> as standard. If a higher wind resistance is needed please let us know so that we can design the structure accordingly

Thermal Performance Ug value 0.7- 1.1 W/m<sup>2</sup>K dependant on glass specification

### Optional

Opening Windows aluminium/steel framed opening windows can be integrated within the structural glass installation if required. Please note this may require steel work to be incorporated into the structural glass design.

Back Painted Glass we can include back painted glass to cover the base structure for a seamless all glass design.