

EOS100 Pitched Skylight

PRODUCT DESCRIPTION

The EOS100 is a high specification pitched skylight engineered for durability and exceptional thermal performance, suitable for roof pitches ranging from 15 and 75 degrees. It offers flexibility with options for either a fixed, electric opening or modular.



MATERIALS

The lid element of the skylight is constructed from glass and aluminium. The base includes an aluminum welded gully, 100mm insulated subframe (made up of OSB and PIR insulation) and a polyuraphane plus a top plate and triple gaskets.

GLASS TYPE

upplied with 32mm-36mm double glazed units or 52mm-55mm triple glazed low 'e' coated glass units.

- Heat Soak Tested toughened outer pane, (matching centre pane for triple glazed)
- 16mm argon filled cavities
- Clear laminated super Low 'E' inner pane.

Other glass specifications are available on request.

U VALUES

System U-value for Double Glazed as low as 1.069 W/m²K.*

System U-value for Triple Glazed as low as 0.691 W/m²K.*

DIMENSIONS, POSSIBILITIES & LIMITATIONS

450mm to 6000mm in a single unit. Modular fixed and opening units available for larger sizes.

WARRANTY

EOS100 rooflights come with a 10 year warranty and conform to the most up-to-date regulations. A copy of the guarantee and be provided on request.



About EOS Rooflights

EOS Rooflights was set up with the aim of providing high performance roof glazing direct to market.

Our extensive product range includes Fixed, Opening, Walk-On, Modular, Lanterns and Pitched rooflights.

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EOS100 Pitched Skylight

Dimensions To suit structural openings:

Description Fixed, electrically opening or modular Skylight system included fully welded aluminium apron

Product Variations

Fixed, Electrically Opening & Modular Skylight System – Modular Skylights can be manufactured to combine Fixed and Opening elements. Conservation style bars can be added to any product.

Standard Manufactured to meet the requirements of EN14351-1 (European Regulation for glazing effective since 1st Feb 2010)

Installation Designed for quick and simple installation by roofing/main contractor. Timber sub frame sits inside of rafters, fixed in place using straps, cheeks and skirt then dressed.

British Standards Compliance BS 6375-1: 2015+A1:2016 Weathertightness, BS EN 1026:2016 Air Permeability, BS EN 1027: 2016 Watertightness, BS EN 12211: 2016 Wind Resistance

Frame Finish External aluminium frames polyester powder coated (p.p.c.) to RAL 7016 (60% Gloss) Anthracite Grey. EOS subframe supplied unfinished, ready for internal finishes.

Insulated Subframe Subframe constructed using 100mm PIR Urethane insulation sandwiched between 13mm structural OSB 3. The top plate is constructed using 19mm foam board with triple gaskets.

Glazing Details 32mm double glazed low emissivity insulating glass units, 8mm clear Heat Soak Tested toughened glass outer pane, 16 mm argon filled cavity 8.8mm clear laminated float glass inner pane. Design allows for drain and ventilation behind the pane with glazing pads.

54mm triple glazed low emissivity insulating glass units, 8mm clear Heat Soak Tested toughened glass outer pane, 16 mm argon filled cavity, 6mm HST mid pane, 16 mm argon filled cavity 8.8mm clear laminated float glass inner pane. Design allows for drain and ventilation behind the pane with glazing pads.

Edge Design Glass surface raised above frame edge to allow water runoff. Glass surface edges have been painted with a ceramic paint to protect against UV degradation of the double glazed unit seals.

Thermal Transmittance System U-value as low as 0.691W/m²K of complete skylight. Specific U Values are supplied with each rooflight.