

PRODUCT DESCRIPTION

Our Eco rooflight is the most energy efficient rooflight in the EOS range. This robust and highly insulated triple layer glazing, makes the Eco a strong solution when environmental impact is a high priority. Unlike other systems, EOS rooflights have been tested for impact resistance to ensure the highest safety standards.



MATERIAL

The EOS Eco rooflight is constructed from glass and aluminium. An insulated timber upstand is included as standard.

GLASS TYPE

Our Eco rooflights are supplied with triple glazed super low 'e' coated units with Krypton filled cavities. Our standard glass specification is ;

- 32 mm double glazed unit.
- 6 mm toughened outer pane, 6 mm krypton filled cavity, 4 mm toughened, 8 mm krypton filled cavity and 8.8 mm clear laminated super Low 'E' inner pane.

U VALUE

Standard:

U-value for the unit overall is 0.65 W/m²K.*

DIMENSIONS, POSSIBILITIES & LIMITATIONS

- To avoid water pooling EOS rooflights should be installed on roofs pitched between 3° and 30°
- 150mm timber upstand
- 4 standard sizes (non stock):
800mm x 800mm, 1000mm x 1000mm,
1000mm x 1500mm and 1000mm x 2000mm.

WARRANTY

EOS Eco rooflights come with a 10 year warranty. Our Eco rooflights conform to the most up-to-date regulations and are CE marked according to DS/EN14351-1. CE marking is carried out by the Danish institute of technology and includes the following test: EN1873, DS/EN 717-1, EN/ISO 10077-1 and -2, EN673, DS418, EN12207 and EN1026. Vitral has the ISO9001:2008 certification.

* U-values are calculated according to EN14351 (part of CE standard).

About EOS

EOS is a specialsit division of SKG (London) Ltd), set up with the aim of providing high performance roof glazing direct to market.

EOS are the only stockists of Vitral rooflights in the UK , enabling us to offer a market leading product at competitive prices.

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Modular Eco Roof Lights

Standard Sizes (Non-Stock)	To suit structural openings: 1000mm x 1000mm, 1000mm x 1500mm, 1000mm x 2000mm
Description	Eco modular glass rooflight(s) with 150mm upstand for easy installation onto flat roofs.
Standard	Manufactured to meet the requirements of EN14351-1 (European Regulation for glazing effective since 1st Feb 2010) with declaration of conformity and accompanied by a CE label to prove complete assembly watertightness, thermal transmittance, air permeability and factory production control to ISO 9001.
Installation	Designed for quick and simple installation by any roofing/main contractor. Kerb to be mounted in position with top inclined within a range of 3° to 30° (fillet wedges by others). Roof membrane is then dressed around the kerb, framed glass top secured in position with no requirements for silicone sealants.
Impact Safety Standard	Complete unit (glass, frame and kerb) have been tested to CWCT TN66/67 for impact resistance to reduce the likelihood of death or injury caused by falls.
Frame Finish	External aluminium frames polyester powder coated (p.p.c.) to RAL 7043 (70% Gloss) dark grey. Optional internal EOS kerbs are pre finished white.
Edge Design	Glass surface raised above frame edge to allow water runoff. Glass surface edges have silkscreen print to resist UV degradation of the double glazed unit seals.
Glazing Details	32mm triple glazed low emissivity insulating glass units, 6mm clear toughened glass outer pane with edge frit, 6 mm krypton filled cavity with TGI warm edge spacer, 4mm clear toughened glass, 8 mm krypton filled cavity 8.8mm clear laminated float glass inner pane. Design allows for drain and ventilation behind the pane with glazing pads.
Thermal Transmittance	U-value 0.65W/m ² K of complete skylight, proven to EN 1873, DS/EN 717-1, EN/ISO 10077-1 and -2, EN 673, DS 418, EN 12207 and EN 1026.
Water Tightness	Watertight to EN 1873.
Air Tightness	Airtight to Class 4 rating 600Pa EN/ISO12207 / EN/ISO1026 (2000).
Sound Insulation	34 (-2, -6) dB sound reduction, tested to EN/ISO717-1/A1.
Upstand Included	150mm - 600mm upstand included.

