

Eco Roof Lights

Bespoke Sizes (Non-Stock)	To suit structural openings: Min 450mm, Max 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. 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 or 300mm upstand included.

