

Skylights.co.uk



**Fully Insulated
OSB Skylight
Upstand**

Factory-built insulated upstand designed for flat roof skylights. Provides superior energy performance, moisture resistance, and fast installation for both warm and cold roofs.



Key Features

- 6° natural incline for efficient drainage
- 15 mm OSB/3 structural boards (EN 300, EN 13986)
- 40 mm XPS rigid insulation core
- U-Value: 0.63 W/m²K
- Suitable for all flat roof coverings (EPDM, GRP, Torch-On Felt, Single Ply)
- Delivered in four parts ready to be assembled
- Moisture-resistant, airtight bonded construction
- Engineered for accurate skylight fit

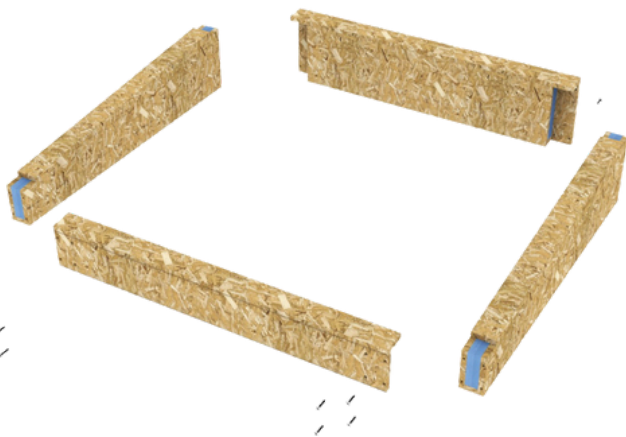
2. Construction



Layer	Specification
Exterior Panels	5 mm OSB/3 Structural Board Insulation 40 mm XPS (extruded polystyrene)
Slope	6° integrated incline
Jointing	Factory-bonded airtight assembly

Property	Value
U-Value	0.63 W/m ² K
XPS Thermal Conductivity (λD)	≤0.033 W/mK
Thermal Resistance (XPS 40 mm)	1.20 m ² K/W
Water Absorption WL(T)	≤0.7 vol.%
Water Absorption WD(V)	≤3 vol.%

3. Thermal & Moisture Performance





4. Mechanical Performance

- OSB/3 (EN 300, EN 13986)
- Bending strength: 14.8–16.4 N/mm²
- Modulus of elasticity: 3500 N/mm²
- XPS Insulation (Class 300)
- Compressive strength: ≥200 kPa



Benefits

- **No moisture retention (unlike rockwool).**
- **Prevents condensation around skylight opening.**
- **High thermal efficiency and airtightness.**



5. Fire Classification

Material	Fire Class
OSB/3	D-s2,d0 (EN 13986)
XPS	Euroclass F

Final fire performance depends on roof build-up and finishing layers.

The product components comply with:

- **EN 300 (OSB/3)**
- **EN 13986:2004+A1:2015** (wood-based panels)
- **EN 13164** (XPS insulation)
- Supports compliance with UK Building Regulations:
 - **Part L** (thermal)
 - **Part C** (moisture)
 - **Part A** (structural)

6. Compliance



7. Installation Notes

- Supplied as a **ready-made insulated frame**
- Fixings **not included**
- Install with 6° incline facing upwards
- Ensure roof membrane is properly sealed to upstand exterior

8. Typical Dimensions

- OSB wall thickness: 15 mm
- Insulation thickness: 40 mm
- Total height: depends on skylight size model
- Internal opening: manufactured to skylight specification

9. Packaging

- Delivered in four parts ready to be assembled
- Shrink-wrapped moisture protection