Roof Lantern Roof Lantern Pyramid

NBS158

Skyseal Roof Lantern
NBS Specification

Consult Skyseal early in the design process as we can provide in-depth assistance with design and specification.

Skyseal Roof Lantern is an elegant, double-glazed glass rooflight, with a fully thermally broken and powder coated aluminium frame. It is intended for quick and easy installation on flat roofs of all modern building types to provide natural light.

The product features a slender aluminium frame offering clean sight lines and neat junctions, with a variety of glazing and frame configuration options. The product achieves a vertical centre-pane glazing U-value of 1.2W/m^{2}K and overall rooflight U_r-Value of 1.8 – 2.03 W/m^{2}K depending on specification, which is better than the performance of the limiting U-value for rooflights currently set out in English building regulations.







- Stylish and slender frame, with clean sight lines and neat junctions.
- Toughened inner pane as standard with optional laminated inner pane for enhanced overhead safety as recommended by the Rooflight Association.
- Roof Lantern available in 9 standard sizes from 1500 x 1000mm to 3000 x 2000mm. Bespoke size also available.
- Roof Lantern Pyramid available in 4 standard sizes from 1000 x 1000mm to 2500 x 2500mm. Bespoke sizes also available.
- Self-clean glass as standard.
- Contemporary 4 pane, or more traditional looking Roof Lantern 6 pane option.
- Variety of external/internal frame powder coat colour options in combinations of grey RAL 7016, white RAL 9010, and black RAL 9005.

THE FIRST CHOICE FOR SAFETY WITH OVERHEAD GLAZING
LAMINATED INNER PANE
ENDORSED BY

Consult Skyseal technical literature for further details.

Full NBS Specification clause on Page 2

Skyseal Brighter Inside

www.skyseal.co.uk

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Manufacturer: Skyseal, Unit 24 Swallow Road, Coventry, CV6 4PU Tel: 024 76 707700

Email: office@skyseal.co.uk **Web:** www.skyseal.co.uk

Product ref: Skyseal Roof Lantern rooflight

Type: Double glazed roof lantern with thermally broken aluminium frame.

Size: Rooflight size in mm equals overall external dimension of builders upstand. Consult Skyseal for details):

Roof Lantern:
1500 x 1000mm / 2000 x 1000mm / 2000 x 1500mm / 2500 x 1000mm / 2500 x 1500mm / 2500 x 2000mm / 3000 x 1000mm / 3000 x 1500mm / 3000 x 2000mm.
Non-standard sizes also available (...mm x ...mm).

Roof Lantern Pyramid:
1000 x 1000mm / 1500 x 1500mm / 2000 x 2000mm / 2500 x 2500mm
Non-standard sizes also available (...mm x ...mm).

Frame: Fully thermally broken rooflight assembly minimises the risk of condensation.

Number of glazing panes:
4 panes / 6 panes (Roof Lantern only)

External powder coat colour:
Grey RAL 7016 / White RAL 9010 / Black RAL 9005

Internal powder coat colour:
Grey RAL 7016 / White RAL 9010 / Black RAL 9005

Kerb: For fitting direct to existing Builders Upstand.

Glazing Details:

Standard:
4mm toughened outer – (90%) argon filled spacer – 4mm toughened inner
Tint (light transmission % / G-value):
Clear self-clean (77% / 0.69) / Blue solar control self-clean (32% / 0.28)

Enhanced overhead safety:
4mm toughened outer – (90%) Argon filled spacer – 6.8mm laminated inner
Tint (light transmission % / G-value):
Clear/Neutral solar control self-clean (44% / 0.42) / Blue solar control self-clean (32% / 0.28)

Glass is designated Class A to EN13501 part 1, as it is included in the list of CWFT (classified without further test) materials published in the Official Journal of the EU (see European Commission Decision 96/603/EC).
These rooflights are glazed with a 4mm toughened outer pane and can therefore be regarded as having a B_{ROOF}(t4) classification as per English building regulations.

Other requirements: 10 year commercial products warranty available.

Fixing: In accordance with Skyseal's fixing recommendations.
Fixings included to attach rooflight to builders upstand.

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