

sun square

External Walk-On
PRODUCT DATASHEET



Horizon External Walk-On Floorlight

Our BSI Kitemarked Horizon walk on rooflights are perfect for rooftop areas and terraces as they are built to walk on whilst flooding fantastic levels of natural daylight into interiors below.



U value as low as 1.18

W/m²K* (or 0.92 W/m²K with our optional upstand)



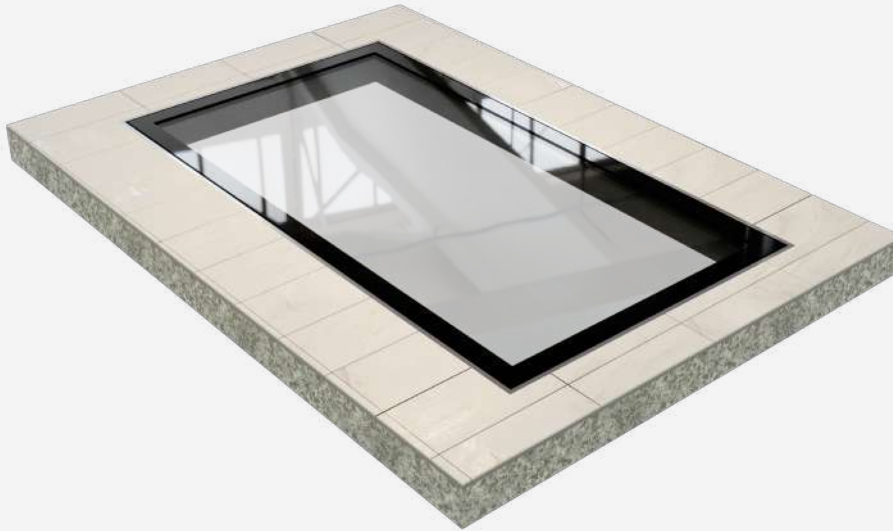
Non-fragile glass



Laminated inner pane



Double thermal break



Fire rated to EI30 or EI60 for both integrity and insulation**

* Achieving system U-Values as low as 1.05 W/m²K. (0.92W/ m²k if used in conjunction with a Sunsquare upstand (optional extra) – meeting and exceeding the requirements of Approved Document L.

** EI30 or EI60 (integrity and insulation) according to third party accredited 'CERTIFIRE' certification.

Watertightness

E1050 – according to BS 6375-1-2009

Acoustic Performance

RW = 39dB (calculation only) – according to EN ISO 140-3.

Security Performance

PAS 24:2016 for Enhanced Security Performance

Resistance to Wind Load

A5 - according to BS 6375-1-2009

Air Permeability

Class 4 - according to BS EN 1026:2016 and BS EN 12207:2000



Laminated safety inner pane

Meeting the requirements of Class 2 for non-fragility, according to Advisory Committee for Roof Safety red book, ACR[M]001:2014 which defines the tests for non-fragility, with particular reference to CWCT test guidelines and TN65, 66 and 67.

Standard Glass Specification

- 6mm toughened soft coat low E outer pane.
- 14mm Argon filled silicone sealed cavity with a black warm edge spacer bar.
- 8.8mm laminated safety inner pane.
- Other glass specifications available.



Glazing Options

Sunsquare provides an array of advanced glazing options beyond the standard specification, including **Solar Control** glazing, which reduces solar heat gain and enhances thermal performance; **LCD** switchable privacy glazing, allowing for instant privacy with electrically-controlled opacity; and **Mansafe** glazing, designed with enhanced safety features to meet fall protection standards. Additionally, the self-cleaning glass option features a photocatalytic coating and hydrophilic properties, significantly minimizing maintenance requirements.



Standard Glass

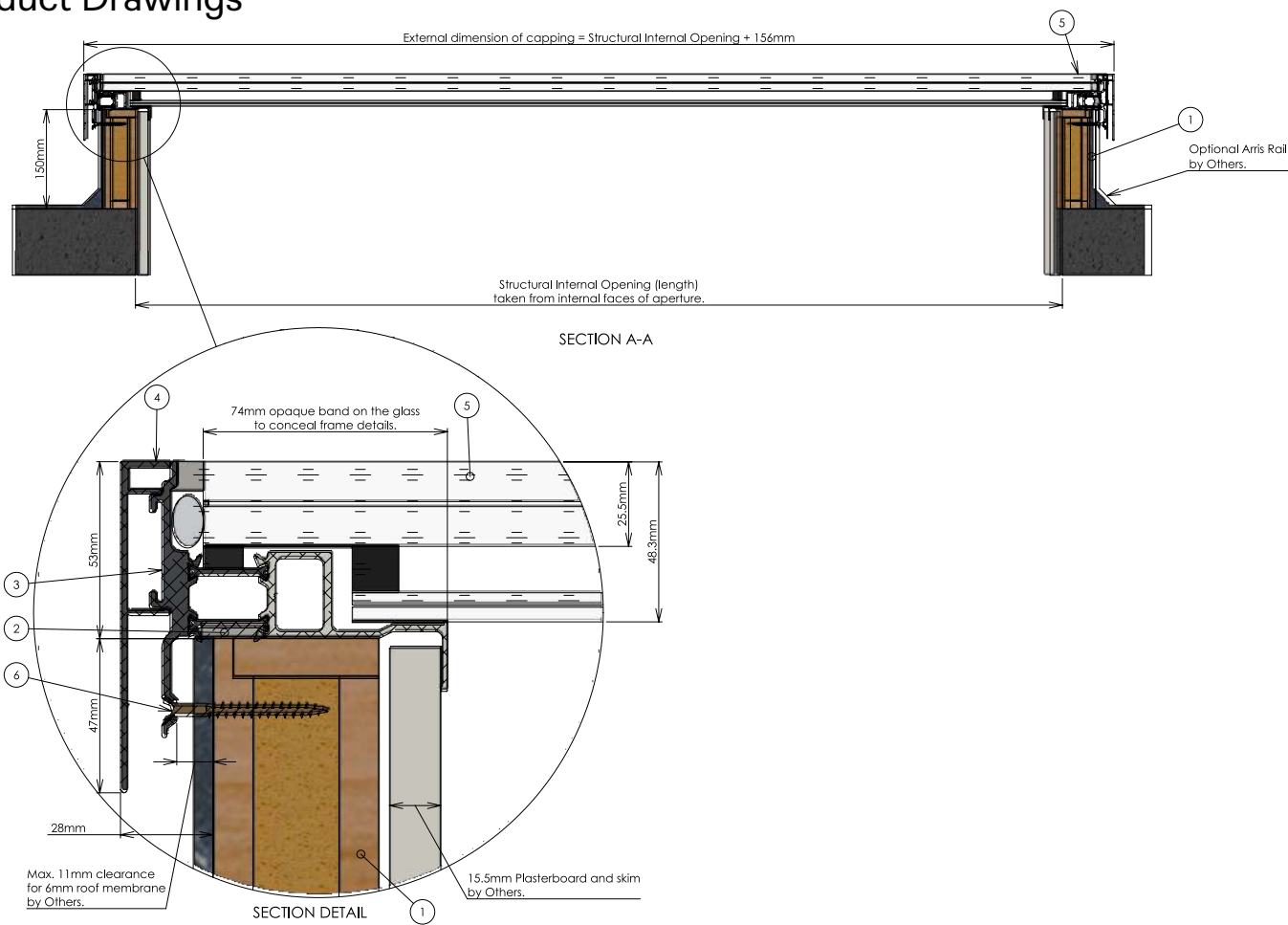


Solar Control



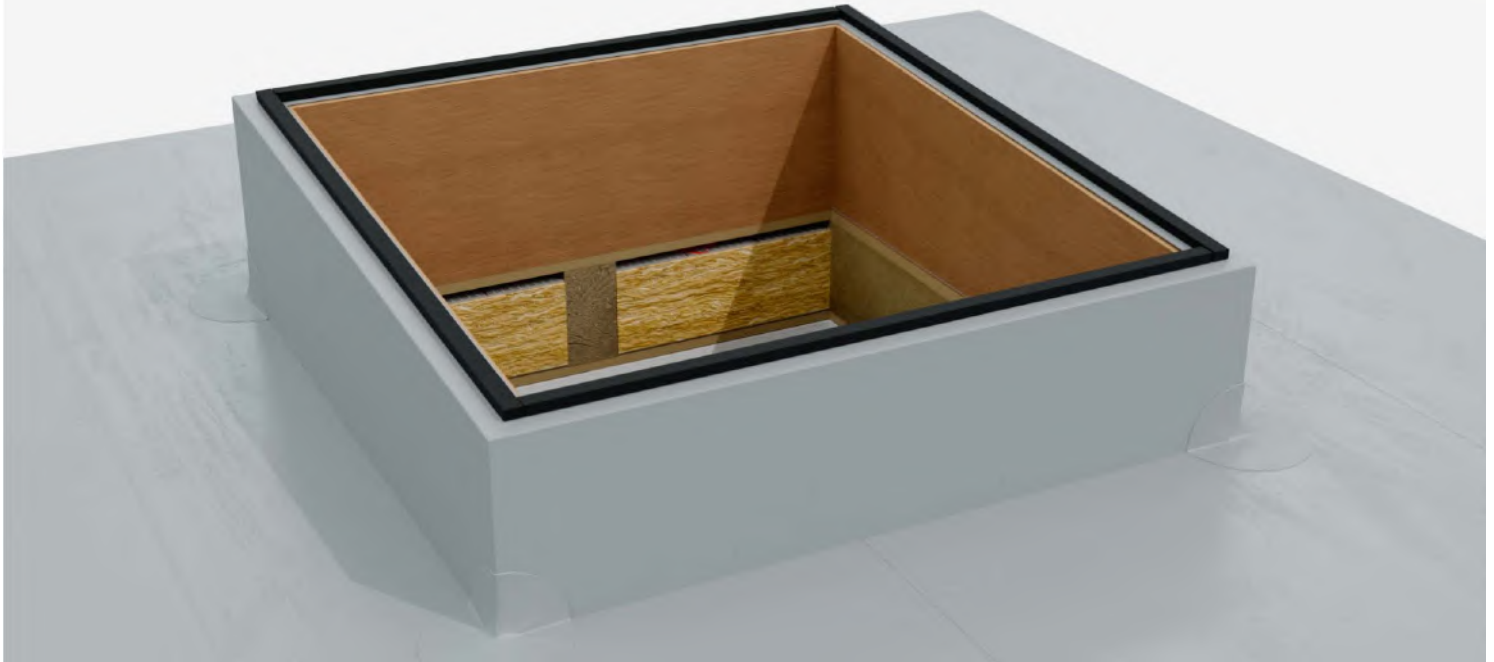
LCD Switchable

Product Drawings



Why you need a **Sunsquare Upstand**

The perfect addition to your rooflight, Sunsquare's Insulated Upstands are a testament to innovation, tailored for architects and builders. These upstands, compliant with the latest building regulations, enhance the performance of your SkyView Rooflight.



[LEARN MORE](#) → [WATCH OUR UPSTAND VIDEO](#)

More Downloads

PDF

PDF Standard Drawings

DWG

DWG Standard Drawings

BIM

BIM Model

O&M

Operations & Maintenance

PDF

Fitting Instructions

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