sun square

Aero Vent
PRODUCT DATASHEET

Aero Vent Rooflight

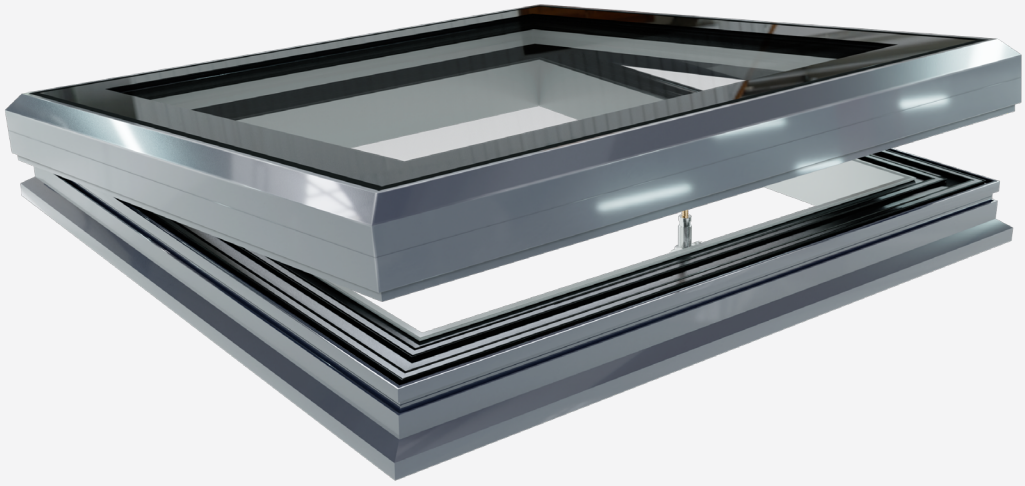
Our BSI Kitemarked Aero Electric models are designed not only to bring abundant natural light into your property, but ventilation too.

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



* 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.

Watertightness
E1050 – according to BS 6375-1-2009

Resistance to Wind Load
A5 - according to BS 6375-1-2009

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

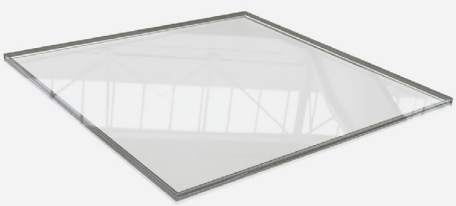
Air Permeability
Class 4 - according to BS EN 1026:2016 and BS EN 12207:2000

Security Performance
PAS 24:2016 for Enhanced Security Performance

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.

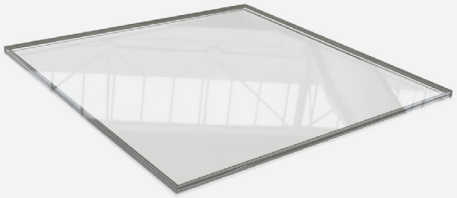
Standard Glass Specification

- 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.

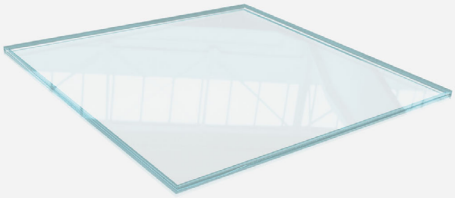


Glazing Options

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.



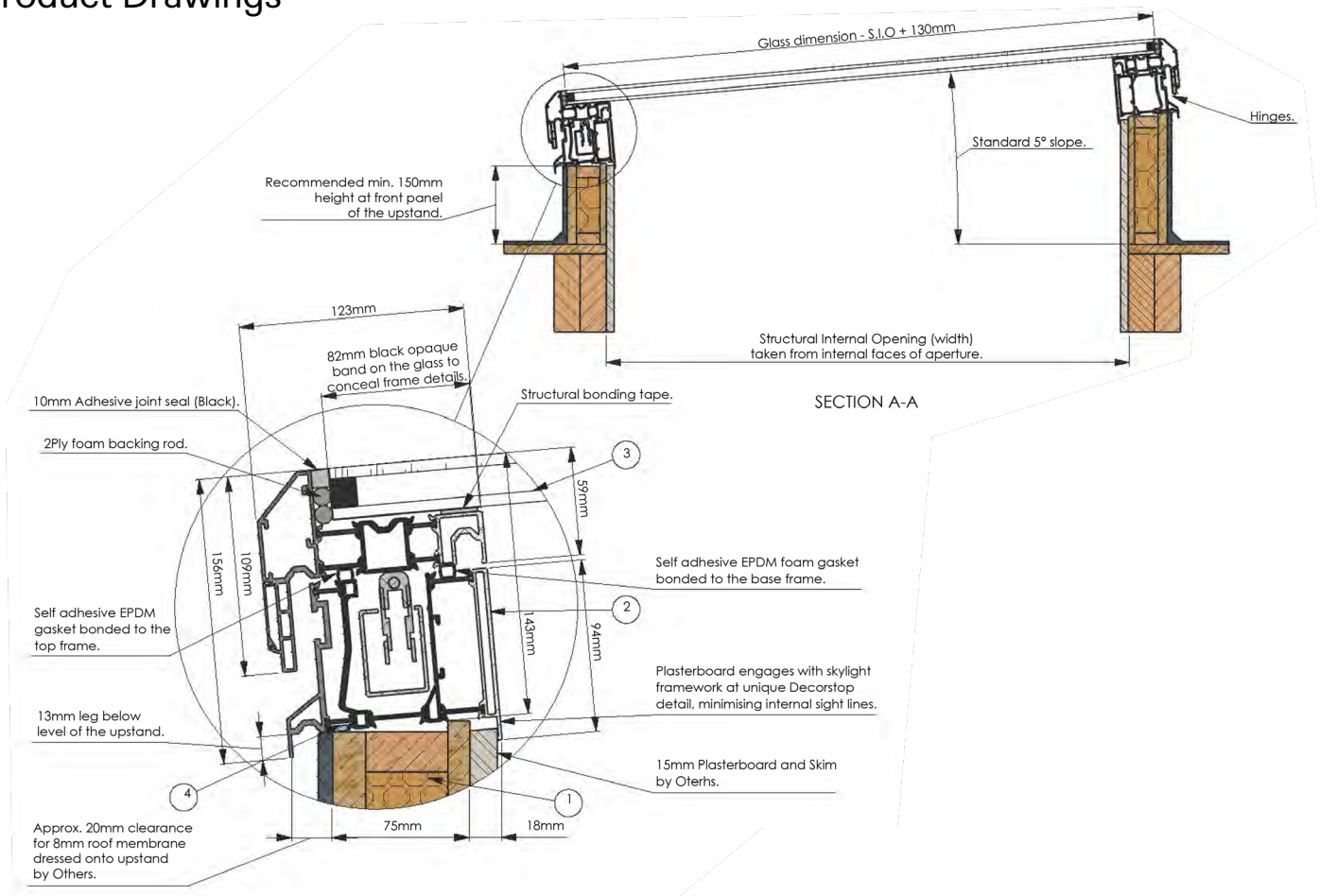
Standard Glass



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

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DWG

DWG Standard Drawings

BIM

BIM Model

O&M

Operations & Maintenance

PDF

Fitting Instructions

Need more information?

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