



HiSky Skylights

Product Overview
Flat/Pitched Roof
Window

Our energy-efficient design maximises natural light while minimising the use of artificial lighting.

Illuminate Your World with Triple Glazed Brilliance

Modern, minimalist aesthetic with a clean finish.

Experience the perfect blend of style and sustainability with our energy-efficient, frameless skylights. Enjoy breathtaking panoramic views while maximizing natural light in your home. Our versatile designs cater to diverse architectural styles and budgets and are suitable for both pitched and flat roofs. Choose from our extensive range of popular black warm-edge skylights or customize your ideal size for a truly personalized touch. And that's not all – our capabilities extend beyond standard options, allowing us to create bespoke skylights tailored to your specifications.





10 Yr
Warranty

48H
Delivery

Flat/Pitc
hed Roof

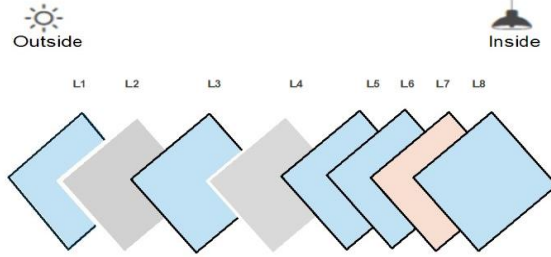
Triple-
Glazed

Frameless
roof-light

- **Key Features and Benefits:**
- **Unmatched Insulation:** Triple glazing technology provides superior thermal insulation, reducing energy bills and keeping your home cosy year-round.
- **Exceptional Sound Reduction:** Enjoy a peaceful and tranquil environment with our skylights that effectively block external noise.
- **Enhanced Security:** Robust construction and advanced glazing ensure your home's safety and security.
- **Natural Light Abundance:** Flood your space with natural light, creating a brighter and more inviting atmosphere.
- **Customizable Options:** Choose from various sizes, styles, and finishes to perfectly complement your home's architecture.
- **Flush glazed glass-to-edge design**
- **Good thermal and sound insulation properties**
- **Compatible with builders and uPVC upstands**
- **Bespoke units available in 3-5 weeks**
- **Daylight Transmittance: 70%**
- **Glass brand: Saint-Gobain**
- **G-value (%): 54**
- **U-value (Ug) (W/m²K): 0.8**
- **Acoustics reduction (dB): -42**



Performance Calculation Results



Layers – From Outside to Inside	mm
L1 Clear Float Glass	6
L2 Cavity (90% Argon)	16
L3 Clear Float Glass	4
L4 Cavity (90% Argon)	16
L5 Low-E	-
L6 Clear Float Glass	4
L7 Clear PVB	0.76
L8 Clear Float Glass	4

Interior Angle

90°

Outer Pane	: 6 mm HiSky Clear Float Glass :
Cavity	: 16 mm 90% Argon
Mid Pane	: 4 mm HiSky Clear Float Glass :
Cavity	: 16 mm 90% Argon
	: 4 mm HiSky Low-E Glass (#5) + 0.76 mm :
Inner Pane	: Clear PVB + 4 mm HiSky Clear Float Glass

Daylight Properties (EN 410)

Daylight Transmittance	: 70%
Daylight Reflectance Outdoor	: 17%
Daylight Reflectance Indoor	: 16%
Color Rendering Index (Ra)	: 94

Solar Energy Properties (EN 410)

Total Solar Energy Transmittance	: 54%
Solar Factor / g	
Solar Energy Direct Transmittance	: 41%
Solar Energy Reflectance Outdoor	: 26%
Solar Energy Absorption	: 32%
Shading Coefficient	: 0.62
UV Transmission	: 0%

Thermal Conductivity (EN 673)

U Value W/(m²K)	: 0.8
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Sound Insulation Values

Rw (C, Ctr)	: 42 dB (-2, -6)
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"Daylight" and "Solar Energy" properties are calculated using spectral measurements in compliance with EN 410:2011. "U-value" is calculated according to EN 673:2011. The emissivity measurements used for calculations comply with EN 673:2011 (Annex A) and EN 12898:2019. Thermal stresses or building codes may require the use of heat-treated glass. This document is not an evaluation of the risk of glass breakage from thermal stresses. Please get in touch with Hisky Glazing to ensure the correct form of glass is supplied for the structure. Hisky Glazing cannot guarantee the applicability of the calculated combinations.

Data on acoustic parameters such as "Weighted Reduction (Rw)" and "Spectrum Adaption Terms C / Ctr" are specified based on estimations determined as the best result for this glazing composition and have not been tested. Performance on-site can be different, depending on the glazing sizes, frame design, noise sources, etc.

Technical and other data are based on information available at the time of preparation of this document and are subject to change by Hisky Glazing without notice.

This document is only for informational purposes. Hisky Glazing cannot be held responsible for any deviations between the presented data and the conditions on the site. Please contact your sales representative about whether the products you use in the calculation are available in our stock, whether they can be sold to your region, and the production time.

The calculation procedures and the technical results of GlassTool have been validated in accordance with standard prEN 17871.

- The external dimensions of the skylight are 100mm larger than the internal dimensions on all sides. 300mmx300mm(internal)-500mmx500mm(external)

- A Skylight with an internal dimension of 300mm x 300mm will require a rough opening size of 300mm x 300mm.

- A tolerance of 5 millimetres is recommended to facilitate a smooth installation process and allow for minor adjustments during placement.



Roof opening size

Available Sizes

Width (mm)	Height (mm)
300	300
400	400
400	1500
400	2000
400	3000
500	500
500	1500
500	3000
600	600
600	900
600	1200
600	1500
600	1800
600	2000
600	2500
600	3000
800	800
800	1000
800	1200
800	1500
800	1800
800	2000
900	900
1000	1000
1000	1200
1000	1500
1000	2000
1000	2500
1000	3000
1200	1200
1200	1800
1500	1500
1500	2000
1500	3000

Available in 34 standard stock sizes

for delivery within 48 hours.

- **Bespoke sizes available**
- **Fully compliant with Part Building Regulations**
- **Our skylights conform to BS EN 12150, BS EN 1279**
- **Triple Glazed Skylights**
- **Toughened roof light**

Self-Cleaning: Yes

UV Protected: Yes

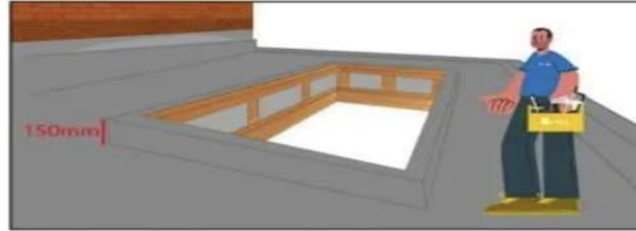
Clear Tint: Yes



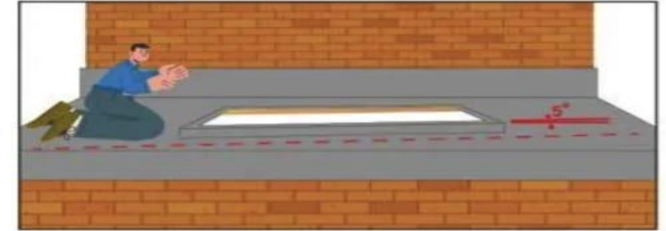
Our Installation Guide



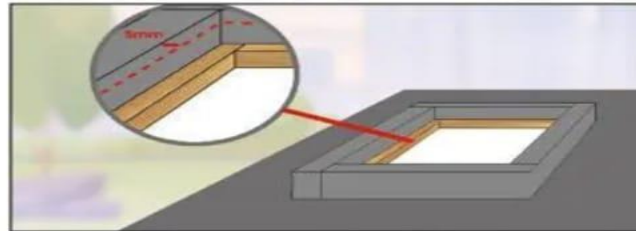
Installation Instructions



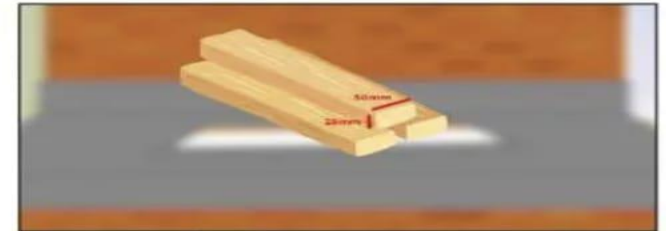
After the upstand is built and weathered, the installation of your skylight can begin. (Please note the upstand has to protrude no less than 150mm above the Roof level).



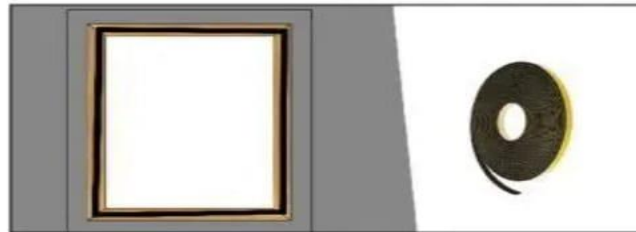
The pitch of the upstand should be at least 5 degrees to avoid water pooling in the middle of the glass.



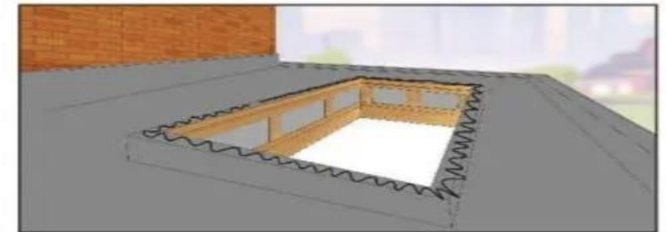
The upstand opening should allow for 5mm tolerance on each side to allow the bottom pane to smoothly fit into place.



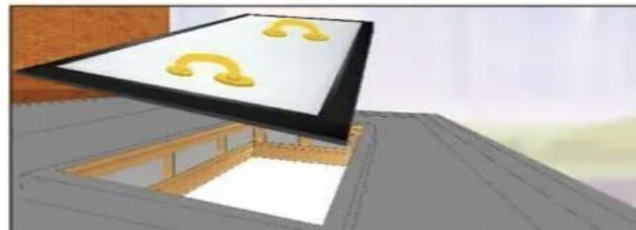
We Recommend the Skylight support Timber To be 25mm by 50mm



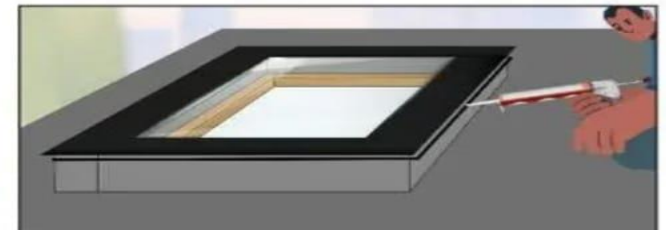
Install using Installation Glazing Tape on top of the supporting wood, this prevents pressure on the bottom pane of the Skylight. This is very important as without this the warranty will be void.



Apply exterior Silicone on top of the upstand.



Position the skylight in place with suction cups.



Apply weatherproof silicone on the underside of the overhand and then your done, your window is now installed.



Our commitment to excellence drives us to exceed expectations consistently. As the preferred choice for professionals, we offer nationwide coverage and next-day delivery, made possible by our extensive stock and efficient distribution network.

Dimitar Zakonov

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