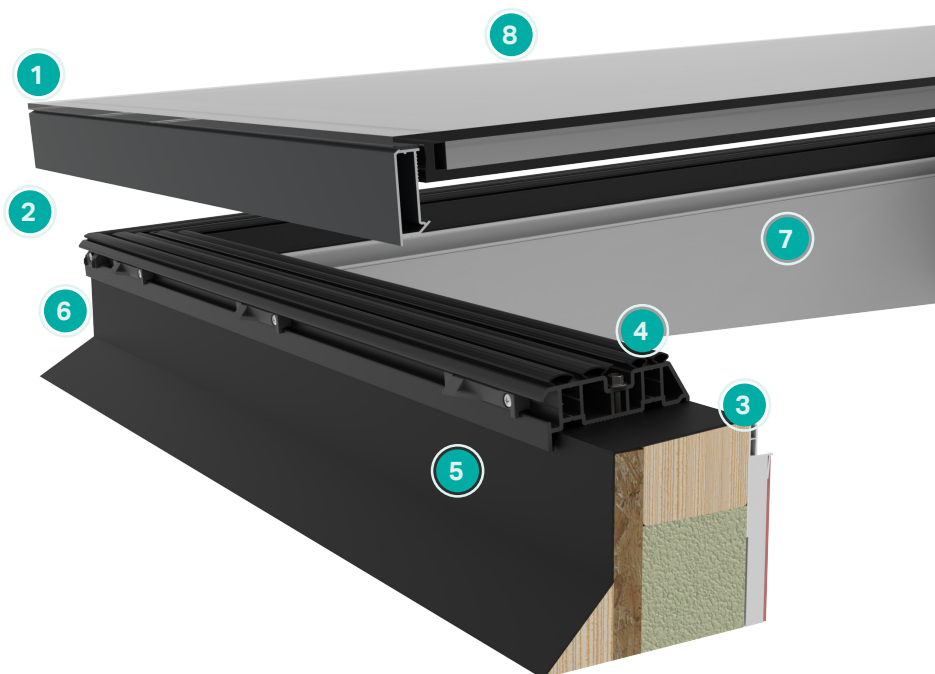


Flat Skylight Technical Guide

Ultrasky[®]
SKYLIGHT by Ultraframe



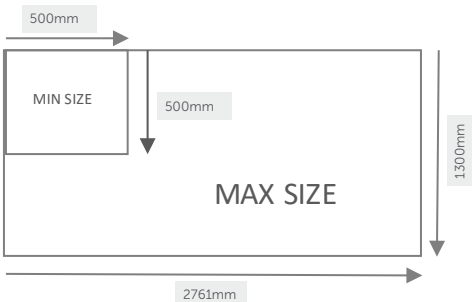
Key Performance Features

1. Edge to Edge glass for a contemporary look.
2. Slim aluminium surround blends seamlessly with glass.
3. Chambered core base with Warm Frame technology.
4. Multiple seal gaskets with no loss of compression over time.
5. Click-fit clips for quick fitting first time, every time.
6. Centraliser blocks to ensure base and glass are perfectly aligned.
7. Fineline plasterboard edge trim for a neat internal finish.
8. Noise reducing glass reduces noise by up to 34dB.

Technical spec

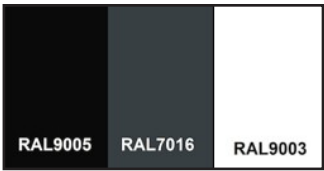
The flat skylight is designed to provide the maximum in uninterrupted sightlines and is available in a number of square or rectangular sizes.

Internal sizes range from 500mm x 500mm, up to spans up to 2761mm and slopes of 1300mm – see matrix for configuration details.



Colour options

Choose your skylight in our standard colours; Black, Grey and White or any RAL colour.



Glazing

The glass is supplied in 28mm and is available in Clear and Blue glass options.

- Outer Layer - 6mm Clear/Blue Toughened / Argon filled cavity with warm edge spacer.
- Inner Layer - 4mm or 6mm (size dependent) high performance, Low E, toughened.



	Blue 4S	Neutral 4S
U-Value	1.0	1.0
Light Transmission	48%	38%
G-Value/Solar Gain	33%	30%
UV Protection/Rejection	92%	85%
Colour tint	Blue	Neutral

High Quality Glass Units	
Toughened to BS EN 12150-1	✓
Manufactured to BE EN 1279-2	✓
10 year guarantee	✓
Cavity Fill	✓
Warm Edge	✓
24mm* (4-16-4)	✓
Glare reduction *except clear glass options	✓

Noise reducing capabilities up to 34dB. Neutral glass G-Value 0.5, blue glass G-Value 0.3.

Key Performance Criteria

- The minimum distance between flat skylights is 400mm.
- Ultrasky Flat Skylight's must be installed at a pitch of 4°, this will ensure water will run off the glass and stop pooling of water which can cause mould.
- The flat skylight is not available with self-cleaning glass as this type of glazing does not work effectively at angles less than 10°.
- Distinctive frameless glass and slim aluminium surrounds give the flat skylight a stunning contemporary look.
- Ultrasky Flat Skylight's frameless glass maximises light into the room below.
- The fully insulated click-fit frame provides both thermal efficiency and an easy installation.
- Fully insulated frame with 'Warm Frame' Technology.
- Supplied with a glass U-Value as low as 1.0 and Building Regulations compliant.
- The simple click-fit frame means no fiddly trims and a fast precision fit, every time.
- A recommended kerb of 150mm high x 80mm wide (not supplied) must be fitted around the opening in the flat roof – the weatherproofing membrane laps onto the top face of the kerb.

Please note: If specifying overhead glass in Flat Skylights or Lanterns more than 5 meters above ground level or located over water (such as a swimming pool), laminated glass should be specified for the inner pane (as defined in British Standards).

IMPORTANT: SET OUT DIMENSIONS ARE ALWAYS MEASURED TO INTERFACE FACE OF KERB. Measure diagonal corners to check sizes.

