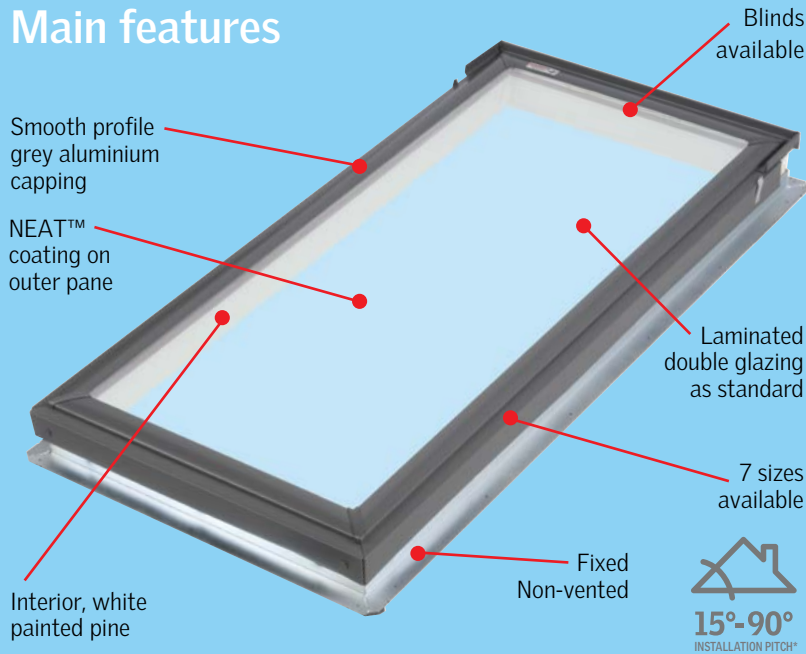


# FS Fixed Skylight Pitched roof

## Main features

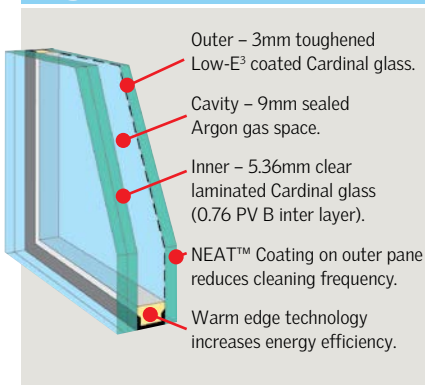


## Construction

Quality frame made from Ponderosa pine. Factory treated with a wood preservative and further treated with 2 coats of white enamel paint for clean interior finish.

Aluminium external capping finished in a smooth grey colour, similar to 'COLORSTEEL® Grey Friars'. The FS Skylight provides a cost-effective solution for creating light-filled rooms

## High Performance Double Glazing as standard



### Benefits and features:

- Radiant heat block: Complete window **approx 74%**
- Harmful UV rays block **approx 99%**
- Noise reduction factor **32 decibels\***
- WERS rating **5 stars**
- Low-E<sup>3</sup> coating.
- 10 year warranty on insulated glass seal.
- Reduced cleaning frequency.

## NEAT™ Photocatalytic Coating

- Silicone Dioxide/Titanium Dioxide coating reacts with the sun's UV rays to decompose surface organic dirt before rinsing away with the next shower of rain, thereby reducing cleaning frequency.
- The coating also makes the glass surface smoother, so water disperses evenly, sheets off, and evaporates quickly; thereby minimising water spotting on the pane.



\* For roofs below 15° pitch, skylights need to be raised to at least 15° and custom flashed. (Not supplied by VELUX). Refer to website or contact VELUX for technical advice and drawings.

**10 YEAR WARRANTY**  
on skylights,  
flashings and glazing

**1 YEAR WARRANTY**  
on blinds  
and accessories

## FS technical performance

### New Zealand Standards

All VELUX Skylights are tested and appraised to the appropriate New Zealand Standards.

### New Zealand Standard NZS4223

### Hailstone Test

VELUX Simulated Tests<sup>^</sup> ASTM E822-2009.

<sup>^</sup> ASTM E822-2009 standard practice for determining resistance of Solar Collector Covers to Hail impact with propelled ice balls.

### Energy rating

FS Skylights have been energy rated in accordance with the Skylight Energy Rating Scheme (WERS).

★★★★★ **Maximum 5 stars Summer Ratings**

4.5 out of 5 stars for Winter Rating.  
4.5 out of 5 stars for Cool Daylight in Summer.

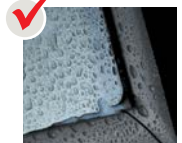


BRANZ Appraised  
Appraisal No.958 [2017]

**WORLD-CLASS QUALITY**



**LOAD TESTED**  
(NZBC Clause B1)



**DURABILITY**  
(NZBC Clause B2)



**WEATHERTIGHTNESS**  
(NZBC Clause E2)



**SAFETY GLAZING**  
(NZBC Clause F2)



**ENERGY EFFICIENCY**  
(NZBC Clause H1)



**NATURAL LIGHT**  
(NZBC Clause G7)

**NB:** BRANZ appraised scope does not cover custom flashing or installations over 60°.

Glazing type	04
<b>R-value<sup>‡</sup></b>	
Complete skylight	0.49
<b>Solar Heat Gain Co-efficient<sup>‡</sup></b>	
Complete skylight	0.26
<b>Visible Light Transmittance</b>	
Complete skylight	0.61
<b>Luminous Efficacy (Ke = VT/SHGC)</b>	
Complete skylight	2.35

<sup>‡</sup> R-value (m<sup>2</sup> K/W) and SHGC data based on NFRC simulations at 90° installation pitch (FS nominal skylight size 1200mm x 1200mm).

<sup>#</sup>Based on STC value tested to ISO/IEC 17025:2005.

# FS Fixed Skylight Pitched roof

## Solar & Manual Blackout Blind Options



- Provides blackout from light.
- Colour: White on internal side. Silver coating on external side.
- Materials: Light-tight polyester with heat resistant coating. Aluminium side channels and top cover.
- Reduce light by approx 100%.
- Increased thermal efficiency.

### Solar (DSD)

- Uses the sun's energy to power the built-in motor.
- Operated by wireless wall-mounted keypad (provided).

### Manual (DKD)

- Requires rod control (ZXT 200) for out-of-reach situations. (Sold separately).

Now even easier to fit using VELUX **Pick&Click!**<sup>®</sup> system.

Blinds sold separately.

**NB:** NEW VELUX blinds and flashings do not fit VELUX Skylights manufactured prior to March 2010 and must be ordered accordingly.

## Choice of flashing

### EDW flashing for profiled roofing material

EDW flashing is used for skylights installed into tiled roofs and profiled metal roofs (such as corrugated iron – not suitable for concealed clip roof profiles or membrane roofs).



### EDL flashing for flat roofing material

EDL flashing is used for skylights installed into slate or shingle roofs – max 8mm thick. 'L' shaped sections are provided that act as soaker pieces on either side of the skylight.










\*For roofs below 15° pitch, skylights need to be raised to at least 15° and custom flashed. (Not supplied by VELUX). Refer to website or contact VELUX for technical advice and drawings.

**NB:** When used in side-by-side combination, skylights must have 100mm frame separation and utilise EKW/L combination flashing.

## FS – frame and glazing dimensions – technical details

High Performance Double Glazing as standard

Product/size code ▶	 C01	 C04	 M04	 M06	 M08	 S01	 S06
External frame dimensions mm (wxh)	550x700	550x980	780x980	780x1180	780x1400	1140x700	1140x1180
Internal glass size mm (wxh)	462x611	462x891	692x891	692x1091	692x1311	1052x611	1052x1091
Daylight area (m <sup>2</sup> )	0.28	0.41	0.62	0.75	0.91	0.64	1.15
Weight (kg) including flashing	14.9	18.9	24.8	29.1	33.3	26.7	39.5
Weight (kg) excluding flashing	11.7	15.5	20.9	25.0	29.0	22.0	34.5

Skylights can only be installed as per orientation depicted above.