



EcoLite™ PLUS



5 STAR ENERGY RATED

Energy Efficient Light Control



adding daylight to life

Proudly Australian Made & Owned





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Insulated Glass Skylights

- The Belray Ecolite™ PLUS insulated glass unit (IGU) is a revolutionary second generation double glazed glass skylight which exhibits extremely high light transmission with very low solar heat gain.
- Ideally suited to residential and commercial projects such as office buildings, community centres, education, health care and public buildings where maximum light transmission with low solar heat gain is required.
- Available in custom, modular or single units using Intalok™ aluminium glazing bar system. Contact for details.
- Exceeds the performance of the existing 5 star energy rated Belray EcoLite™ IGU as tested by Window Energy Rating Scheme (WERS).
- Comprises a Solarban 70XL™* toughened outer pane with a double layered low-e coating, argon filled spacer and a clear laminated inner pane.
- The outer pane is made from a low-iron content glass which provides colour neutral light transmission.
- The laminated inner glazing pane reduces UV radiation by 95%.
- Exceeds BCA section J requirements.
- Non-combustible with no elements exposed to outside fires and complies with BCA requirements for skylights installed within 900mm of a boundary.
- Belray Ecolite™ Plus IGU is designed to suit all roof types and roof pitches with no minimum pitch angle required, and provides a sleek low profile.
- To maximize the environmental benefit, comes standard as a non-vented unit, however venting is available upon request.
- Available in Colorbond®, Zinalume® and galvanised finishes.

EcoLite™ PLUS Standard Size Chart*

size (mm)	actual throat size (sq.m)	ventilation area (sq.m)
500 X 500	0.25	0.081
600 X 600	0.36	0.095
800 X 800	0.64	0.122
900 X 900	0.81	0.136
1000 X 1000	1	0.149
1200 X 1200	1.44	0.176
500 X 800	0.4	0.102
500 X 900	0.45	0.104
500 X 1000	0.5	0.112
600 X 800	0.48	0.108
600 X 1200	0.72	0.136
800 X 1200	0.96	0.149
900 X 1200	1.08	0.156

* Standard and custom sizes available
Other glass make-ups including single glazing available

Performance Data

U-Value	1.3
Solar Heat Gain Coefficient	0.27
Visible Light Transmittance	64%

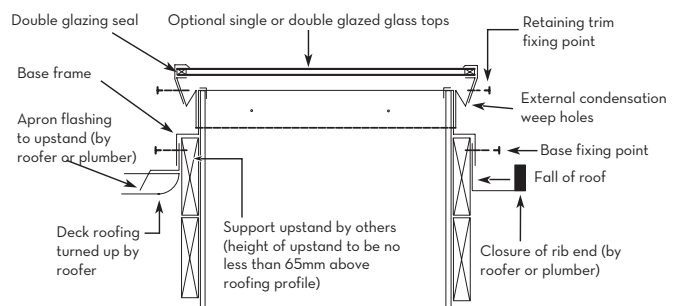
Definitions

U-value: The measure of the air-to-air heat transfer or heat lost from inside the building through the IGU. The lower the U-value the better the insulation.

SHGC: The measure of the proportion of directly transmitted and absorbed solar energy that enters the building interior through the IGU. The lower the SHGC, the better the IGU is at excluding direct solar radiation.

VT: Visible Light Transmittance. The higher the figure, the more daylight the IGU allows to enter into the building.

LBL Windows 5.2 software NFRC 100-2001 "centre of glass" data



Tested to AS4285-2007 (up to 1200mmx1200mm)

* Solarban 70XL is a trademark of PPG Industries

* Intalok is a trademark of Sky Roof (Aust) Pty Ltd



Summer Winter
the more stars the better

Energy Control

Cool Daylight
the more stars the better

SKYLIGHT ENERGY RATING

Comparative Energy Savings



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