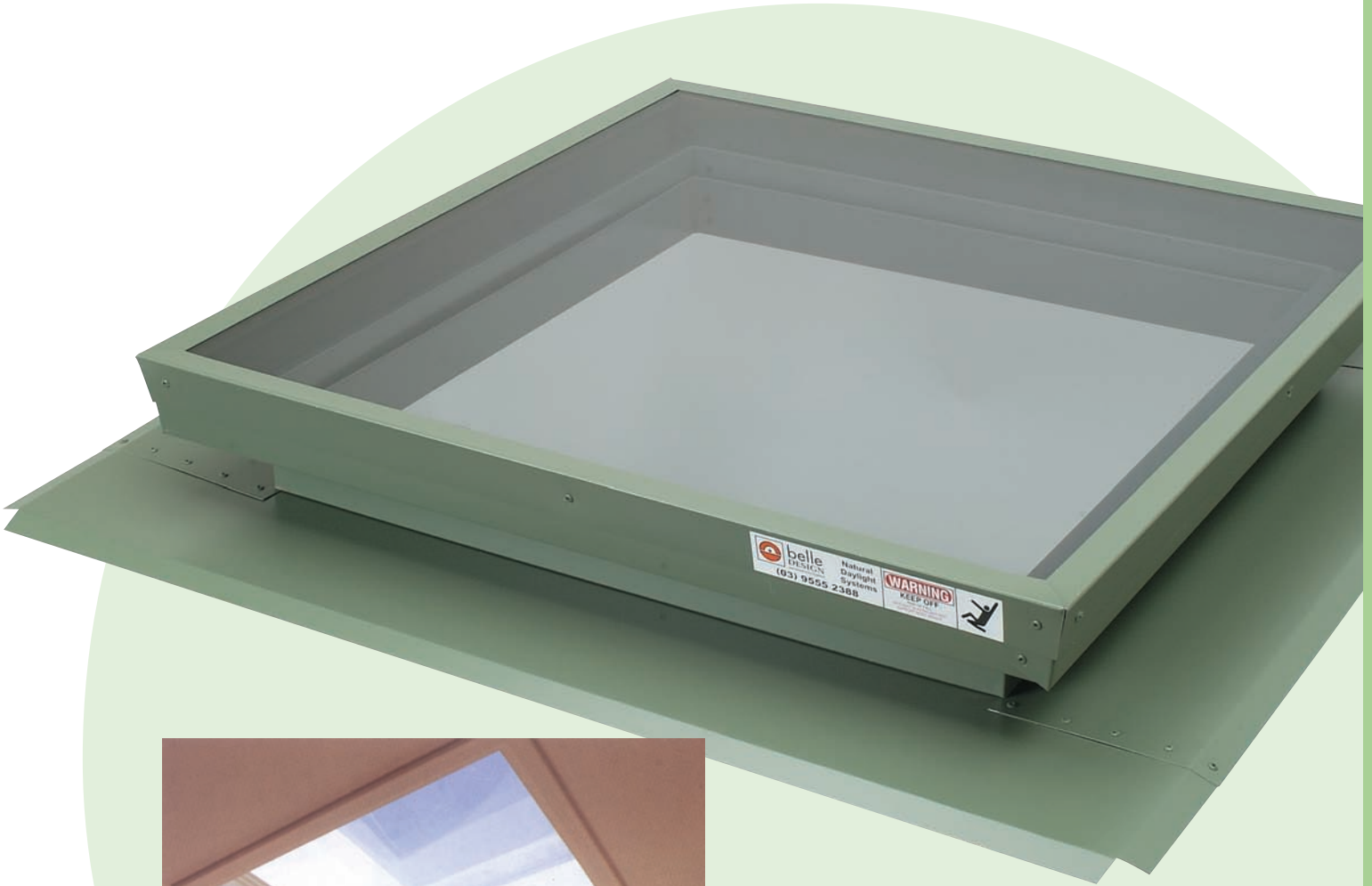




# EcoLite™ SGU & IGU

*Energy efficient light control*



**belle**

Proudly Australian Made and Owned by **Belle Design & Manufacturing**

## NATURAL DAYLIGHT SYSTEMS

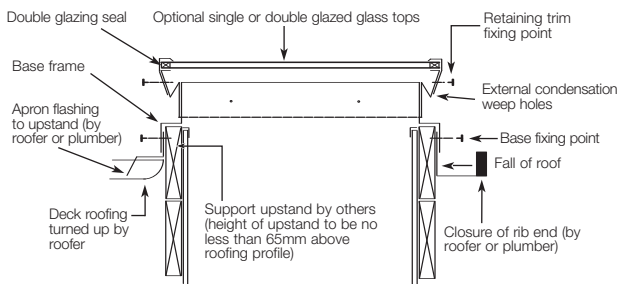
### Belray EcoLite™ SGU & IGU

#### Features:

Belray EcoLite™ skylights are committed to reducing greenhouse gases by using energy saving glass products.

- Belray EcoLite™ glass skylights are fabricated to comply with Australian Standard AS 1288-2006.
- Belray EcoLite™ IGU units offer a tinted toughened glass outer panel 12mm argon fill, clear laminated inner panel (laminated glass) interlayer film reduces U.V. over 90%.
- EcoLite™ glazed glass units offer tinted or clear toughened or laminated panels.
- In selected forms, fire rated glass is able to be used in EcoLite™ skylights which can provide a non-combustible barrier in the event of a fire, such as bush fire prone areas or council required regulations near party or dividing walls.
- Large size range available as per chart or variables on request, subject to relevant glazing codes.
- Suitable for all roof types, Colourbond flashings available to co-ordinate with roof colour (standard Zinalume or Galvanized).

**To specify:**  
**When ordering quote:**  
 Depending on your requirement you will need to order either:  
**Belray EcoLite SGU single glazing**  
**Belray EcoLite IGU double glazing**  
 Vented or non vented, roof type, roof material, roof colour if required, roof pitch, size and if not square measurement across roof x length up roof.



**BELLE DESIGN - Specialising in natural daylight systems**



### EcoLite™ SGU & IGU Std 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

\* Other sizes available P.O.A.

DOUBLE GLAZED 'ECOLITE' MAKE UP				
6mm Evergreen toughened outer panel				
12mm Argon filled space				
6.38mm Energy Advantage annealed laminated under panel				
NOISE REDUCTION COMPARED WITH 3 mm	VISIBLE LIGHT %			SHADING COEFFICIENT
	TRANSMITTANCE	REFLECTANCE (IN)	REFLECTANCE (OUT)	
42%	52%	11.3%	14.5%	
SOLAR ENERGY %			SOLAR HEAT GAIN COEFFICIENT SHGC	2.6
TRANSMITTANCE	REFLECTANCE	SOLAR Abs %	0.39	
23%	7%	70%		

\* Belle reserve the right to use thicker glass make-up to ensure EcoLite or IGU Skylights comply with AS 1288-2006.

#### Please Note:

From an environmental view point, the lower the U-VALUE of shading coefficient the better the glazing.

**Belle Design Skylights are select tested to AS 4285-1995**

### Custom Moulded and Fabricated Plastics

- design and construct
- qualified, experienced tradesmen
- full installation or supply only
- commercial and domestic projects
- to architect's, builder's & roofer's specs
- custom made and standard sizes
- barrel vaults, canopies, Longlites
- double and single glazed
- glass skylights & overhead glazing
- circular skylights
- roof access hatches



**DESIGN AND MANUFACTURING**

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