

Enjoy the freedom of outdoor living safe from UV danger

'Solasafe' polycarbonate sheeting provides 99.9% protection from harmful UV rays that cause sunburn and skin damage. Outdoor family and children's play areas are part of the Australian lifestyle, and selecting the best roofing solution is the first step to ensure you get the maximum benefit from your investment. Polycarbonate is an advanced polymer with optical and physical properties that can't be matched by other materials. Adding an outdoor room to your home can enhance your family life and add value to your property. Solasafe has three levels of polycarbonate sheeting to choose from. A level to suit your needs and climate. A colour to suit your home and surroundings.



Solasafe is available in a Colour, Profile, and Heat Range to suit every domestic application. (Not recommended for industrial use).

Level One SOLASAFE Range

The most widely used Solasafe polycarbonate sheet. Six colours with varying light and heat transmission ratings.

When you want maximum light Solasafe Clear sheeting lets 90% of available light flood your space. Truly, 'your window to the sky'. Integral surface protection prevents UV degradation of the sheet and helps prolong its life. It also minimises

yellowing of the sheet over its lifetime; see the generous warranty that covers this. The impact strength of polycarbonate is up to 250 times that of tempered glass, strong enough to resist damage from even heavy hail. See the warranty for details.

Level Two SOLAFROST Range

Ampelite Solafrost incorporates our impressive 99.9% UV protection for your family. Ampelite Solafrost can also be used as a security screen for extra privacy.

To complement your UV protection, Ampelite has now added the Solafrost matt texture to the underside of the polycarbonate sheet. This will give you better heat dispersion coupled with even light transmission to your outdoor area.

Ampelite Solafrost texture reduces the harsh glare of the direct summer sunlight by diffusing the light.

- Solafrost Clear allows 87% light transmission.
- Solafrost Grey allows 27% light transmission.

Level Three HR1 Range

Metallic particles reflect heat but allow soft diffused light to pass through. Especially suitable in hot climates.

The advanced technology incorporated in 'Solasafe' Level Three sheeting disperses and reflects up to 80% of the sun's heat while allowing soft, diffused light, to pass through. This is achieved by millions of metallic particles scattered through the sheet. Use Solasafe Level Three where the climate demands it. 99.9% UV protection is built-in to protect the sheet surface and the people below. Enjoy outdoor living in comfort.

Level One – SolaSafe Range

The most widely used Solasafe polycarbonate sheet. Six colours with varying light and heat transmission.

CLEAR Shade factor 1 Light transmission 91% Heat transmission 85.2%	LT. BRONZE Shade factor 3 Light transmission 36% Heat transmission 60.6%	GREY Shade factor 5 Light transmission 26% Heat transmission 50%
OPAL Shade factor 7 Light transmission 55% Heat transmission 40.2%	DARK TINT Shade factor 7 Light transmission 17% Heat transmission 38.9%	SMOOTH CREAM Shade factor 7 Light transmission 44% Heat transmission 35.2%

Key: 0 = full light 10 = full shade

Temperatures in direct sunlight are greater than the temperatures given in weather reports. The shade factors shown provide an indication of the heat absorbed or reflected by the Solasafe sheet.

Level Two – SolaFrost Range

The SolaFrost range. Low transmitted heat, softer light, more comfort.

CLEAR Shade factor 2 Light transmission 87% Heat transmission 74.3%	GREY Shade factor 7 Light transmission 27% Heat transmission 49.87%
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Key: 0 = full light 10 = full shade

Ampelite Solafrost will significantly reduce the amount of direct sunlight and glare when compared with standard polycarbonate sheeting. This in turn greatly enhances comfort of your outdoor area.

Unlike Level 1 Standard polycarbonate transparent sheeting, Ampelite Solafrost is a translucent (diffused) polycarbonate product. This greatly enhances outdoor comfort.

- Translucency = Heat and glare reductions.
- Transparency = Some heat and glare.
- Matt texture helps eliminate expansion noise unlike standard polycarbonate sheeting.

Level Three – HR1 Range

Solasafe HR1 Heat reducing sheeting. Especially suitable in hot climates.

PEARL ICE Shade factor 6 Light transmission 48% Heat transmission 32.5%	SILVER MIST Shade factor 9 Light transmission 17% Heat transmission 22%
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Key: 0 = full light 10 = full shade

Light transmission of all colours and grades is determined in accordance with AS/NZS 4257.4. The colour representations of Solasafe polycarbonate above are as accurate as the nature of the material and commercial photographic and printing processes allow. It is probable that colour tints may vary between those shown in this brochure.

Level Three Solasafe HR1 has a metallic finish that reflects the heat and gives soft diffused light.



Level One CORRUGATED - Colours
Clear, Opal, Grey, Light Bronze, Smooth Cream, Dark Tint.

GRECA - Colours
Clear, Opal, Grey, Light Bronze, Smooth Cream, Dark Tint.

5 RIB - Colours
Clear, Opal, Grey, Light Bronze, Dark Tint.

See colour chart, shade factors, light and heat transmission on page five.

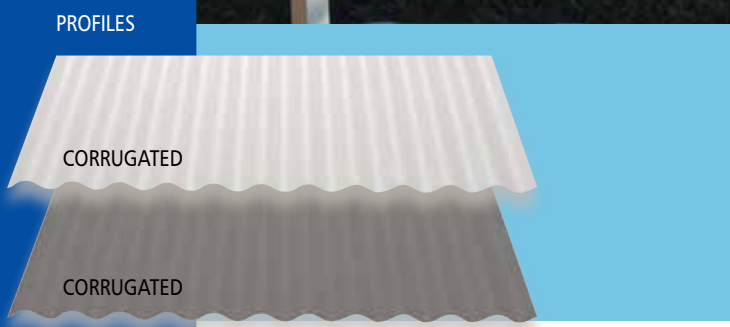
Sheet cover 760 mm.
See table of sheet lengths and spanning on page seven.



Level Two CORRUGATED - Colours
SolaFrost Clear, SolaFrost Grey

See colour chart, shade factors, light and heat transmission on page five.

Sheet cover 760 mm.
See table of sheet lengths and spanning on page seven.



Level Three CORRUGATED - Colours
Pearl Ice, Silver Mist.

GRECA - Colours
Pearl Ice, Silver Mist.

See colour chart, shade factors, light and heat transmission on page five.

Sheet cover 760 mm.
See table of sheet lengths and spanning on page seven.

