



**SUNTUF®**



SUNTUF® profiled polycarbonate sheet is an outstanding roofing material that offers superior physical properties.

- First Polycarbonate roof in Australia
- First to introduce lifetime warranty
- Suntuf® has been proven over 25 years under Australian conditions
- 99.9% UV protection



UV PROTECTION

STRENGTH IMPACT

VERSATILITY

HAIL

FIRE RESISTANT

100% RECYCLABLE



**SUNTUF® SOLARSMART™**



SolarSmart™ reflects more heat across the entire ultraviolet light spectrum, not just the portion that provides visible light.

Near infra-red radiation from the sun is invisible to our eyes but contains large amounts of heat that we feel on our skin. SolarSmart™ is unique in its ability to block out near infra-red heat radiation. Hold up a sample to the sun or to an ultraviolet lamp and you will feel the SolarSmart™ difference.



	<b>SOLAR GREY</b> Light Transfer 20% Solar Transmittance 43%
	<b>CEDAR BRONZE</b> Light Transfer 25% Solar Transmittance 48%
	<b>SMOOTH CREAM</b> Light Transfer 44% Solar Transmittance 33%
	<b>OPAL</b> Light Transfer 45% Solar Transmittance 40%
	<b>WHITE DIFFUSED</b> Light Transfer 85% Solar Transmittance 80%
	<b>CLEAR</b> Light Transfer 90% Solar Transmittance 86%

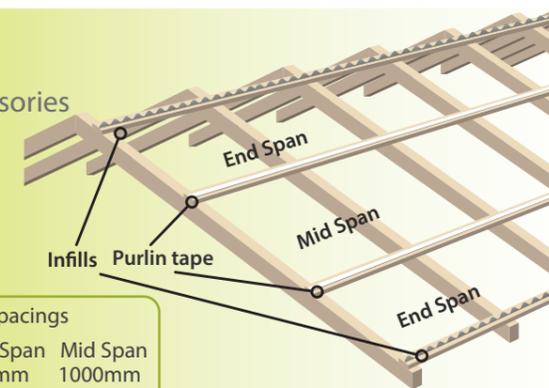
**Sheet length** (longer length can be special ordered):  
1800mm, 2400mm, 3000mm, 3600mm, 4200mm, 4800mm, 5400mm, 6000mm, 7200mm

	<b>METALLIC JASPER</b> Light Transfer 15% Solar Transmittance 16%
	<b>SANDUNE</b> Light Transfer 15% Solar Transmittance 15%
	<b>DIFFUSED GREY</b> Light Transfer 20% Solar Transmittance 18%
	<b>DIFFUSED ICE</b> Light Transfer 48% Solar Transmittance 21%
	<b>TRANSPARENT GREY</b> Light Transfer 20% Solar Transmittance 30%

**INSTALLATION GUIDELINES**

**step 1**

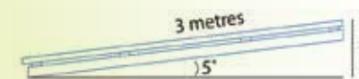
Purlins & accessories



Maximum Purlin Spacings

Profile	End Span	Mid Span
Corrugated	800mm	1000mm
Greca	900mm	1200mm
5 Rib	900mm	1200mm

Ensure that your roof pitch is at least 5°, ie. 88mm rise per lineal metre. This will ensure adequate water run off.



**step 2**

Fixings



Fixing at crests:

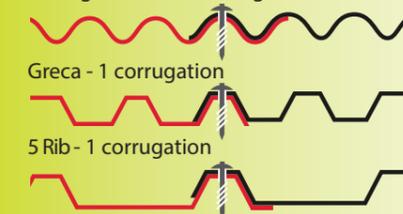
Profile	End row	Mid Row
Corrugated	every 2 <sup>nd</sup>	every 3 <sup>rd</sup>
Greca	every 2 <sup>nd</sup>	every 3 <sup>rd</sup>
5 Rib	All	All

**Overlap:**

Corrugated - 1 1/2 corrugations

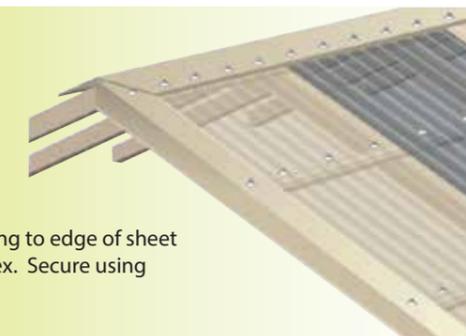
Greca - 1 corrugation

5 Rib - 1 corrugation



**step 3**

Capping & flashings for various installations



**APEX ROOF** - Fit barge capping to edge of sheet and ridge capping to the apex. Secure using recommended fixing screws



**AGAINST A WALL/FASCIA** - Fit barge capping to edge of sheet and apron flashing at the wall or fascia. Secure using recommended fixing screws.



**UNDER A GUTTER** - Fit Back channel flashing with foam infill strips under gutter prior to laying sheets and Barge Capping to edge of sheet.



## ACCESSORIES



OneShot® fixing features a Class 4 coating for superior corrosion resistance. Self Drilling Screws can save up to 50% installation time.

## Handling and Storage

- Store sheets on a flat surface in a well-protected and shaded area out of direct sunlight.
- Sheets stacked / stored in the sun will be affected by heat build-up and possible distortion. Any damage caused by this will void the warranty.
- Take care to avoid moisture build up between stored sheets which can cause possible whitening of the sheets.
- Ensure sheets are free from any chemical, paint solvents and sealant contact (including silicone type products) as these type of products are incompatible with polycarbonate sheeting.
- Sheets may be cleaned with warm soapy water and a soft sponge. Hose down thoroughly – ensure all possible safety precautions are taken.

## Product Warranty

- Lifetime Warranty against loss of light transmission
- Lifetime Warranty against UV affected colour distortion
- Warranty against hail damage

FULL WARRANTY TERMS AND CONDITIONS AVAILABLE FROM [www.palram.com.au](http://www.palram.com.au)

## Safety

Never walk directly on Suntuf®, or any other polycarbonate sheets. Use a board placed across at least 3 rafters to spread the load.

**Ensure all local safety building regulations / codes are adhered to.**

Front page photo courtesy of Pergolas Plus

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**Your Outdoor Lifestyle Solution**

**SUNTUF®**  
Profiled Polycarbonate Sheeting

