

# Creating Solutions



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Brochure



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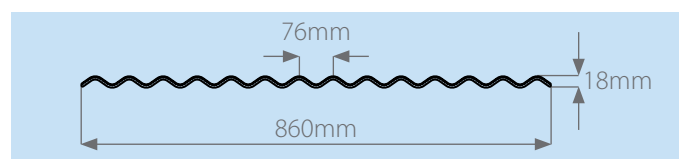
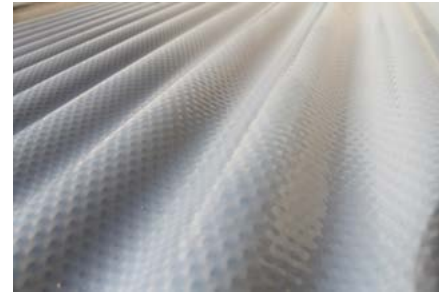
# SUNTUF® BEEHIVE

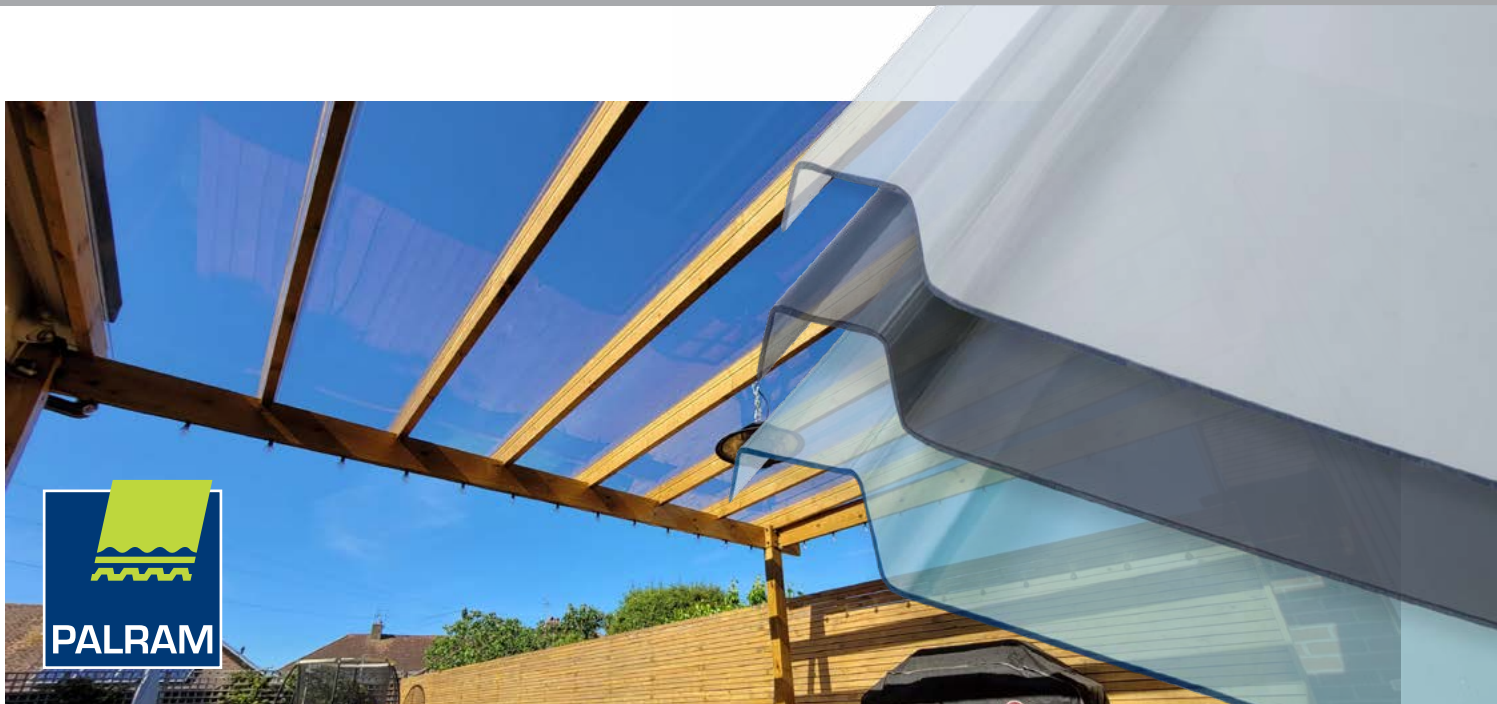
## Corrugated Embossed Polycarbonate Sheet

Palram's SUNTUF® Beehive: High-impact profiled sheets are intended for professional and DIY roofing projects. These sheets combine even higher durability ratings than standard polycarbonate sheets, are considerably thicker and more robust and as such have greater wind and snow loads as well as greater hail and impact resistance.

### Main Benefits

- 100% diffused light for reduced glare
- High light transmission - Over 70%
- Exterior surface UV resistant
- 2.8 mm thick - Up to 3 times thicker than standard polycarbonate sheets
- Excellent impact & hail resistance
- High wind load resistance
- Good chemical resistance
- Lightweight. Easy to handle and install
- Increased spanning capabilities
- Available in Solarsmart™ colours





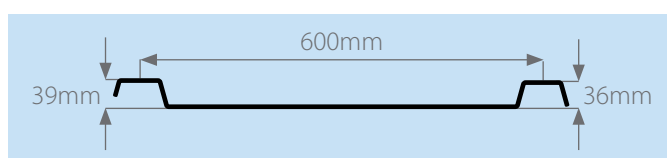
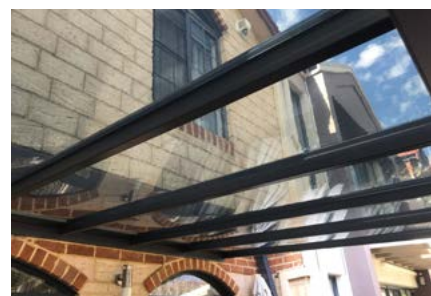
# EZ GLAZE™

## Glass-like Profiled Polycarbonate

EZ Glaze™ offers smart design, elegant glass-like appearance, versatility, low maintenance and sustainable performance. EZ Glaze™ incorporates a proprietary profiled design which enables it to be installed over rafters with a high loading capacity. EZ Glaze™ is easy to fasten; the panels are simply screw fixed to the supportive structure and joined by overlapping.

### Main Benefits

- Glass-like appearance
- Easy, fast and safe installation
- Minimal maintenance
- UV Protection - blocks 99.9% of UV radiation
- Greater hail resistance
- High wind resistance
- 600mm wide, 3mm thick for increased strength







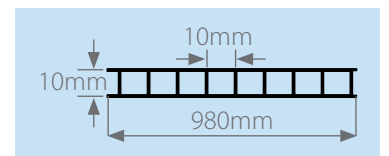
# SUNLITE®

## Twinwall Polycarbonate Sheet

Rigid-structured sheets with a variety of light transmission options & excellent thermal insulation.

SUNLITE® is a flat, twinwall Polycarbonate sheet that combines the strength of Polycarbonate and superior insulation due to its cellular structure. This twinwall structure creates insulating air spaces (cells) that help reduce thermal (heat) energy penetration, resulting in a cooler area in the summer and a warmer area in the colder months.

Available in a range of standard colours, SUNLITE® also uses SolarSmart™ technology – thus reducing solar heat and glare, providing a comfortable outdoor area. SUNLITE® in design is the choice for those looking to create a look other than traditional corrugated. With a seamless finish, SUNLITE® uses a joining system which allows the roof a clean look – hiding most fixing points.



### Main Benefits

- High thermal insulation
- Lighter weight than solid panels with excellent rigidity
- Impact resistant
- Available in clear for high light transmission
- Excellent structural durability
- 99.9% UV protection
- Easy to handle and install
- High fire rating
- Multiple joining systems provides solutions for various applications
- 10-year limited warranty





# SUNPAL®

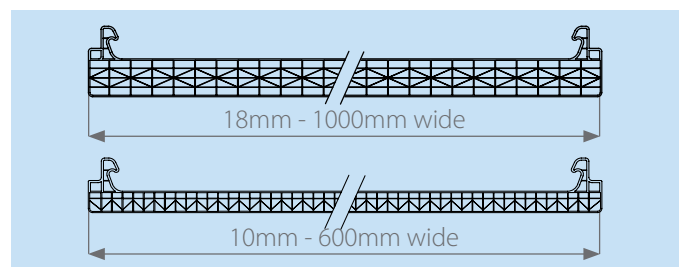
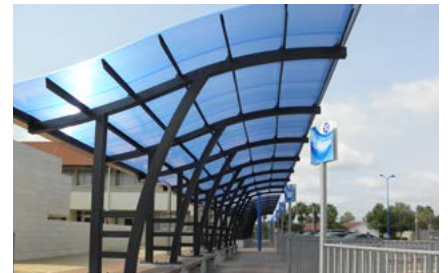
## Multiwall Polycarbonate Standing Seam Architectural System

Standing-seam multicell panel and glazing system that adapts to any project.

SUNPAL® is an advanced Multiwall polycarbonate Panel System that combines proven design, light transmission, thermal insulation and strength. It offers a lightweight, leak-proof 'Snap in' design that withstands very high loads and accommodates expansion and contraction. The system uses a unique joiner which in turn snap over two sheets and provide a watertight seal. Used as a roof or fixed vertically as a decorative clad wall SUNPAL® offers design with a very practical sense. Available in 10mm/600mm wide, and 18mm/1000mm wide.

### Main Benefits

- 99.99% UV Protection
- Greater hail resistance
- Increased thermal Insulation with Multilayers
- Designer colour range including SolarSmart™
- Seamless joins
- Diffuser Plus finish
- Twin surface UV2 protected
- Great option to modernise existing structures







# SUNGLAZE™

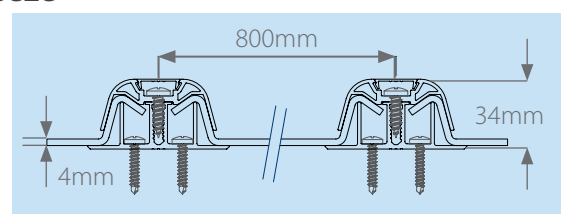
## Polycarbonate Standing Seam Architectural System

Standing-seam glass-like panel and glazing system that offers smart design, elegant appearance & sustainable performance.

SUNGLAZE™ is an architecturally designed polycarbonate glazing system – ideal for home owners looking for that traditional glass look. Using a seamless and watertight ‘clamping’ joiner – SUNGLAZE™ reflects a clean elegant appearance that is easy to install, that would enhance any property. SUNGLAZE™ offers a solid flat surface appearance, maximising the clearer view most homeowners are trying to achieve.

### Main Benefits

- Solid surface glass look
- Twin surface UV2 protected
- Clean panel look – no fixing screws through sheeting
- Increased insulation against Solar Heat & Sun Glare
- Available in designer colours including SolarSmart™ Breeze
- 99.99% UV Protection
- Watertight ‘clamp’ joining system
- Available in 4mm thick, 800mm wide
- Greater hail resistance





# SUNTUF®

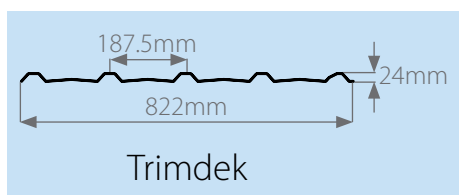
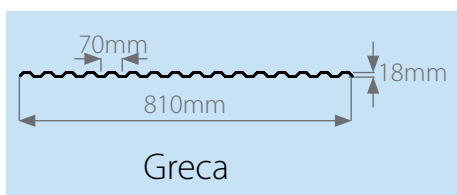
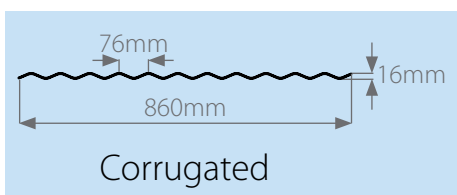
## Profiled Polycarbonate Sheet

**Make the most of your outdoor spaces year round!**

SUNTUF® was the first Polycarbonate roof sheet introduced in the 1990's to the Australian marketplace. Using advanced technology – SUNTUF® the best protection under the sun. Offering a host of designer colours including the Solarsmart range - SUNTUF® was also the first and only to release matching Colourbond colours to suit the modern roof.

### Main Benefits

- Premium-performing panel is virtually unbreakable
- Up to 90% light transmission
- Long-term weather and UV resistant
- Wide range of colours including heat reducing SolarSmart™
- Lightweight and easy to install
- Lifetime limited warranty







# COOL TOP®

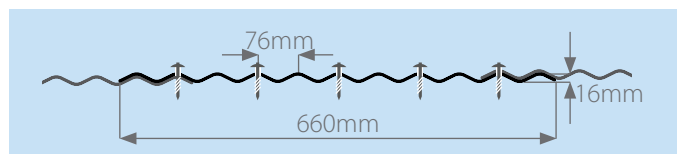
## Corrugated PVC Panels Non Metal Solution

Cost-effective corrugated PVC panels for DIY outdoor living projects.

Give your home and grounds the facelift they need with COOL TOP® corrugated panels. Lightweight and easy to install, COOL TOP® is ideal for patio covers, partitions, sliders, underdecking, and more, giving your home an economical, functional, and attractive update. Intended for open sides and well-ventilated structures, these corrugated panels work well in regions with mild climates, and are virtually maintenance-free, offering an easy and durable DIY solution.

### Main Benefits

- Easy to handle and quick to install
- Virtually maintenance free
- UV, weather, and chemical resistant
- Meets the highest fire retardant standards
- Non-corrosive and will not rust
- 10-year limited warranty
- Non light-transmitting



# Product Comparison Chart

PRODUCTS / PROPERTIES	AVAILABLE COLOURS *Not available in all profiles	LONGEST LENGTH AVAILABLE IN AU *Not available in wa	SHEET THICKNESS	SHEET WIDTH / COVERAGE
<b>SUNTUF</b> PROFILED POLYCARBONATE	CLEAR / GREY / WHITE OPAL / BRONZE / CREAM / WHITE DIFFUSED* / SOLAR ICE / SOLAR CONTROL GREY* / TPT GREY* / SANDUNE* / METALLIC JASPER*	9.0m* 7.2m (WA)	0.8mm	<b>CORRUGATED</b> SHEET WIDTH: 860mm COVERAGE: 760mm <b>GRECA</b> SHEET WIDTH: 810mm COVERAGE: 760mm <b>TRIMDEK</b> SHEET WIDTH: 822mm COVERAGE: 760mm
<b>EZ GLAZE</b> GLASS-LIKE PROFILED POLYCARBONATE	CLEAR / GREY / BLUISH BREEZE	7.0m	3mm	SHEET WIDTH: 673mm COVERAGE: 600mm
<b>SUNTUF BEEHIVE</b> CORRUGATED HIGH IMPACT POLYCARBONATE	CLEAR / GREY / SOLAR ICE	7.2m	2.8mm	SHEET WIDTH: 860mm COVERAGE: 760mm
<b>SUNLITE</b> TWINWALL	CLEAR / GREY / WHITE OPAL / BRONZE / SOLAR CONTROL GREY / SOLAR ICE	9m	10mm	SHEET WIDTH: 980mm RAFTER SPACINGS: 1000mm
<b>SUNPAL</b> 10MM MULTIWALL	CLEAR / BLUE / WHITE OPAL / BRONZE / GREEN / RED / GREY / SOLAR CONTROL GREY / SOLAR ICE	12m	10mm	SHEET WIDTH: 600mm
<b>SUNPAL</b> 18MM MULTIWALL	CLEAR / BLUE / GREY / SOLAR CONTROL GREY / DIFF+ SOLAR ICE/ DIFF+ CLEAR / DIFF+ WHITE OPAL	12m	18mm	SHEET WIDTH: 1000mm
<b>SUNGLAZE</b> GLASS-LIKE STANDING SEAM SYSTEM	CLEAR / GREY / SOLAR ICE / SOLAR CONTROL GREY / BLUISH BREEZE	9m	4mm	SHEET WIDTH: 800mm
<b>COOL TOP</b> CORRUGATED PVC PANELS	BEIGE / WHITE	7.2m	1mm	SHEET WIDTH: 660mm COVERAGE: 535mm



MINIMUM COLD BENDING RADIUS	MINIMUM ROOF PITCH	FIRE COMPLIANCE *For more detailed information please contact your Palram distributor	WARRANTY Please note: Warranties only apply to installations and maintenance that follow Palram installation instructions and specifications
4.0m	5 DEGREES		LIMITED LIFETIME WARRANTY
16m	5 DEGREES		15 YEAR LIMITED WARRANTY
7m	3 DEGREES		LIMITED LIFETIME WARRANTY
1.75m	5 DEGREES		10 YEAR LIMITED WARRANTY
2.4m	5 DEGREES		15 YEAR LIMITED WARRANTY
3.0m	5 DEGREES		15 YEAR LIMITED WARRANTY
4.0m	5 DEGREES		15 YEAR LIMITED WARRANTY
4.0m	5 DEGREES		10 YEAR LIMITED WARRANTY



## 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.
- Sheets may be cleaned with warm soapy water and a soft sponge. Hose down thoroughly – ensure all possible safety precautions are taken.

## Product Warranty

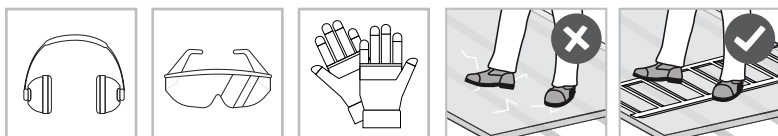
Full warranty terms and conditions available from: [www.palram.com.au](http://www.palram.com.au)

## Safety

**Safety comes first**

### Do not step directly on the sheets between the purlins!

When installing polycarbonate or doing maintenance work, always consider the sheet to be unfit to support a person's weight. Always use stepping ladders or crawling boards, supported by minimum three roof structural elements, when working on a glazed roof of any kind.



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