



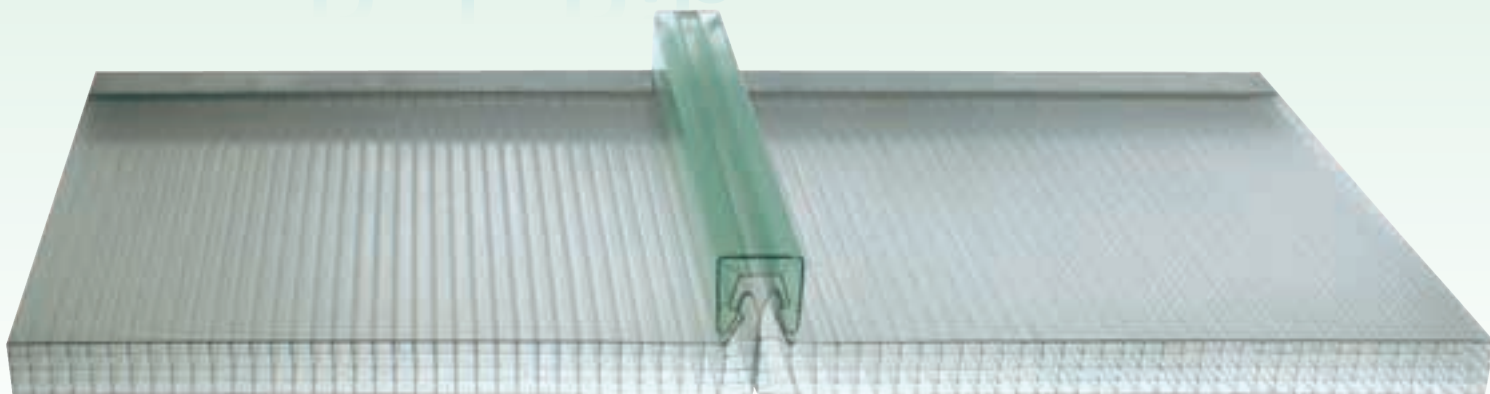
WARRANTY

# AMPeLite



# AMPeLite PolyRib

Architectural Roof  
and Wall Standing  
Seam System



IS PROUDLY AUSTRALIAN OWNED.



# Flexible Architecture

Ampelite PolyRib multiwall sheeting offers great design flexibility combining attractive visual appearance, impact resistance and high thermal qualities. The multi-cell construction traps air between the layers providing outstanding insulation properties. Enlightened prospects arise for architectural applications with the Ampelite PolyRib Polycarbonate Standing Seam System.

With remarkable versatility the Ampelite system can be used with the tray hook externally or internally to provide the aesthetic look being sought for the application. To ensure versatility, not only does Ampelite PolyRib provide a UV protective layer to both sides of the panel, it also is available in varying thicknesses and colours to create stunning solutions to any specific application.

## Interior and exterior applications

Architectural roofing and glazing, covered walkways, pergolas, shopping centres, sports complexes, swimming pool enclosures, retail, industrial glazing, greenhouses, screening and partitioning.



## Benefits

- Simple and fast installation
- High thermal insulation
- UV protection to both sides
- High impact resistance
- Expansion and contraction allowances
- Flexible design

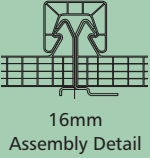
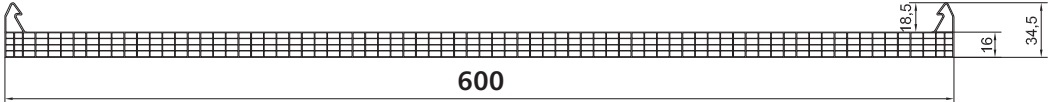
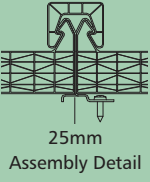
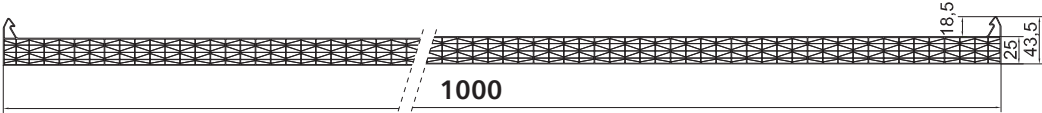
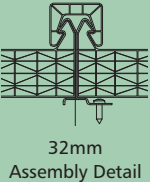
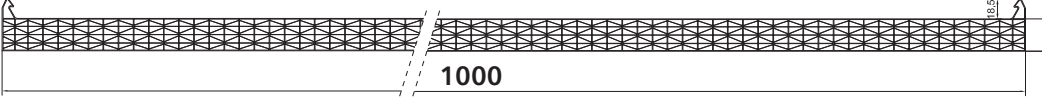
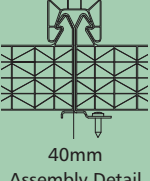
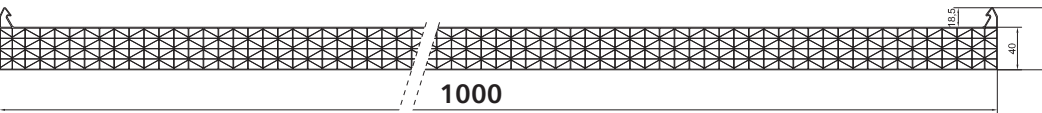


# ral Applications



## Panel specifications

Ampelite PolyRib multiwall sheeting is available in four gauges 16mm, 25mm, 32mm, 40mm and various lengths depending on the project specifications up to a maximum of 13,400mm. PolyRib multiwall sheeting is UV protected on both sides, allowing for design flexibility.

Type	Specification
<b>16/600</b>  16mm Assembly Detail	 <p>Thickness: 16mm                      Width: 600mm ±5mm                      Length: Project specific up to 13,400mm                      Colours: Clear, Opal, Red, Blue, Green and Grey                      Mid Span: 1300mm                      End Span: 1000mm</p> <p>Tech Data: UV Protected Both Sides                      U Value: U = 2.00 W/m<sup>2</sup>k                      Light Transmission: Clear 62%, Opal 42%, Red 15%, Blue 33%, Green 42%, Grey 39%</p>
<b>25/1000</b>  25mm Assembly Detail	 <p>Thickness: 25mm                      Width: 1000mm ±5mm                      Length: Project specific up to 13,400mm                      Colours: Clear, Opal, Red, Blue, Green and Grey                      Mid Span: 1400mm                      End Span: 1050mm</p> <p>Tech Data: UV Protected Both Sides                      U Value: U = 1.30 W/m<sup>2</sup>k                      Light Transmission: Clear 58%, Opal 40%, Red 14%, Blue 31%, Green 40%, Grey 37%</p>
<b>32/1000</b>  32mm Assembly Detail	 <p>Thickness: 32mm                      Width: 1000mm ±5mm                      Length: Project specific up to 13,400mm                      Colours: Clear, Opal, Red, Blue, Green and Grey                      Mid Span: 1500mm                      End Span: 1100mm</p> <p>Tech Data: UV Protected Both Sides                      U Value: U = 1.10 W/m<sup>2</sup>k                      Light Transmission: Clear 55%, Opal 39%, Red 13%, Blue 29%, Green 38%, Grey 35%</p>
<b>40/1000</b>  40mm Assembly Detail	 <p>Thickness: 40mm                      Width: 1000mm ±5mm                      Length: Project specific up to 13,400mm                      Colours: Clear, Opal, Red, Blue, Green and Grey                      Mid Span: 1600mm                      End Span: 1200mm</p> <p>Tech Data: UV Protected Both Sides                      U Value: U = 0.82 W/m<sup>2</sup>k                      Light Transmission: Clear 49%, Opal 38%, Red 12%, Blue 26%, Green 33%, Grey 31%</p>

# Parts List



AMPELITE PolyRib SHEET



FASTENING CLAMP IN STAINLESS STEEL



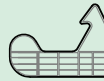
POLYCARBONATE CLOSING CAP



POLYCARBONATE JOINING STRIP



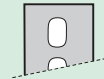
POLYCARBONATE EDGE CLOSURE



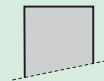
POLYCARBONATE END STRIP



TOP & BOTTOM CLOSING CHANNEL IN ANODISED ALUMINIUM



BREATHER TAPE



SEALING TAPE

## PolyRib 10 Year Warranty

Provided by Ampelite Australia Pty Ltd an Australian owned and operated company.

### INSTALLATION HINTS

Both sides of the sheet are UV protected and can therefore be installed with either side facing up. Please contact Ampelite for further details.

Sheeting can be cut to length using a power saw fitted with a fine tooth blade of a type suitable for plastic. A sharp blade can be used for cutting to width.

Do not use sealants that are not 100% chemically compatible with polycarbonate sheeting; suitable sealants are available from Ampelite.

The use of incorrect sealants will void the warranty.

For installation in curved applications, please contact Ampelite.

### SITE SAFETY

In all applications, sheeting should not be used to support a person's weight during installation or cleaning. A temporary wooden beam or other device, supported by roof members, should always be used.



### CLEANING OF POLYRIB SHEETING

Wash sheet with a solution of mild soap or household detergent and lukewarm water, using a soft cloth or sponge to loosen any dirt and grime.

Rinse off with cold water and dry with soft cloth to avoid spotting.

*Note: Never use an abrasive or highly alkaline cleaner on sheet. If you are unsure as to what cleaning agents can be used, please contact Ampelite.*

### CHEMICALS AND POLYCARBONATE

Polycarbonate sheeting is affected by petrol and petroleum based products (including paint), methylated spirits, ketones, benzene, acetone, hydrocarbons, phenols, abrasive cleaners, harsh cleaners and solvent cleaners.

It is less affected or unaffected by kerosene, mineral oils, alcohols, glycols, vegetable fats, animal fats, acids, glycol, non abrasive cleaners, mild detergents and soft soap.

### INSTALLATION STANDARD

Installation of Ampelite PolyRib Sheeting shall be in accordance with the Ampelite fixing guide, together with AS 1562.3: 2006, Design and installation of sheet roof and wall cladding - Part 3: Plastic.

### DISCLAIMER

While the contents of this brochure are believed to be correct at the time of printing, revisions to the colour range, sheet lengths available, procedures or data may be made without notice. All recommendations are made in good faith but without warranty.

The colour representations of PolyRib polycarbonate in this brochure 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, sample pieces and the delivered product. Where colour is critical we recommend that you inspect up to date samples of the actual material to be used at your retail outlet prior to purchase. Very minor variations in sheet colour may occur from time to time but are virtually undetectable in situ; blue or grey skies and intense sunlight may cause a variation in the apparent colour from day to day.

Ampelite is proudly Australian owned. Profits remain in Australia and taxes paid benefit our community.



Ampelite Australia Pty Ltd  
ABN 91 487 122 629

Plumbing Merchants Association  
Supplier Of The Year for  
2006, 2007, 2008, 2009 & 2011



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