

## 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

### 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.

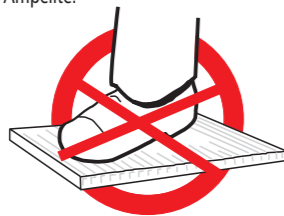
Do not use sealants that are not 100% chemically compatible with polycarbonate sheeting; suitable sealants are available from Ampelite.

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.



VIC & TAS: Tel 03 8710 9110 Fax 03 9794 0710

QLD: Tel 07 3382 8300 Fax 07 3200 8703

SA & NT: Tel 08 8260 7391 Fax 08 8260 7397

NZ: Tel 09 634 5366 Fax 09 622 2060

NSW & ACT: Tel 02 9625 7200 Fax 02 9625 7211

NTH QLD: Tel 07 4774 5007 Fax 07 4774 7898

WA: Tel 08 9302 6833 Fax 08 9302 6855

[www.ampelite.co.nz](http://www.ampelite.co.nz)



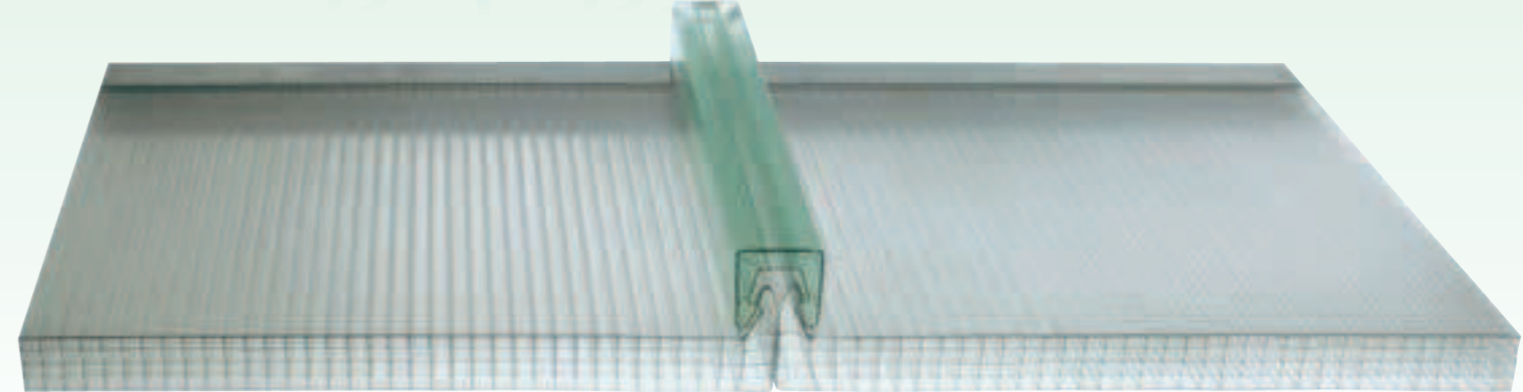
Quality Endorsed Company  
AS/NZS ISO 9001  
QEC 4787

SAI GLOBAL

AL\_5008-14V1 © Copyright September 2014. The data in this publication supersedes previous releases.



## Architectural Roof and Wall Standing Seam System



Freephone: 0800 AMPELITE (0800 267 354) • 79 Captain Springs Road, Onehunga, Auckland • [www.ampelite.co.nz](http://www.ampelite.co.nz)

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

### FIRE TEST PERFORMANCE

Polyrib has achieved an Internal Surface Finish Group number of 1-5 according to performance determined under the conditions described in ISO 9705:1993 required by NZBC clause C3.4(A). Performance is achieved through MBIE Guidance on European Classification.



## 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																								
<p>16/600</p>	<table border="1"> <tr> <td>Thickness:</td> <td>16mm</td> <td>Tech Data:</td> <td>UV Protected Both Sides</td> </tr> <tr> <td>Width:</td> <td>600mm ±5mm</td> <td>U Value:</td> <td>U = 2.00 W/m<sup>2</sup>k</td> </tr> <tr> <td>Length:</td> <td>Project specific up to 13,400mm</td> <td>Light Transmission:</td> <td>Clear 62%, Opal 42%, Red 15%, Blue 33%, Green 42%, Grey 39%</td> </tr> <tr> <td>Colours:</td> <td>Clear, Opal, Red, Blue, Green and Grey</td> <td></td> <td></td> </tr> <tr> <td>Mid Span:</td> <td>1300mm</td> <td></td> <td></td> </tr> <tr> <td>End Span:</td> <td>1000mm</td> <td></td> <td></td> </tr> </table>	Thickness:	16mm	Tech Data:	UV Protected Both Sides	Width:	600mm ±5mm	U Value:	U = 2.00 W/m <sup>2</sup> k	Length:	Project specific up to 13,400mm	Light Transmission:	Clear 62%, Opal 42%, Red 15%, Blue 33%, Green 42%, Grey 39%	Colours:	Clear, Opal, Red, Blue, Green and Grey			Mid Span:	1300mm			End Span:	1000mm		
Thickness:	16mm	Tech Data:	UV Protected Both Sides																						
Width:	600mm ±5mm	U Value:	U = 2.00 W/m <sup>2</sup> k																						
Length:	Project specific up to 13,400mm	Light Transmission:	Clear 62%, Opal 42%, Red 15%, Blue 33%, Green 42%, Grey 39%																						
Colours:	Clear, Opal, Red, Blue, Green and Grey																								
Mid Span:	1300mm																								
End Span:	1000mm																								
<p>*25/1000</p>	<table border="1"> <tr> <td>Thickness:</td> <td>25mm</td> <td>Tech Data:</td> <td>UV Protected Both Sides</td> </tr> <tr> <td>Width:</td> <td>1000mm ±5mm</td> <td>U Value:</td> <td>U = 1.30 W/m<sup>2</sup>k</td> </tr> <tr> <td>Length:</td> <td>Project specific up to 13,400mm</td> <td>Light Transmission:</td> <td>Clear 58%, Opal 40%, Red 14%, Blue 31%, Green 40%, Grey 37%</td> </tr> <tr> <td>Colours:</td> <td>Clear, Opal, Red, Blue, Green and Grey</td> <td></td> <td></td> </tr> <tr> <td>Mid Span:</td> <td>1400mm</td> <td></td> <td></td> </tr> <tr> <td>End Span:</td> <td>1050mm</td> <td></td> <td></td> </tr> </table>	Thickness:	25mm	Tech Data:	UV Protected Both Sides	Width:	1000mm ±5mm	U Value:	U = 1.30 W/m <sup>2</sup> k	Length:	Project specific up to 13,400mm	Light Transmission:	Clear 58%, Opal 40%, Red 14%, Blue 31%, Green 40%, Grey 37%	Colours:	Clear, Opal, Red, Blue, Green and Grey			Mid Span:	1400mm			End Span:	1050mm		
Thickness:	25mm	Tech Data:	UV Protected Both Sides																						
Width:	1000mm ±5mm	U Value:	U = 1.30 W/m <sup>2</sup> k																						
Length:	Project specific up to 13,400mm	Light Transmission:	Clear 58%, Opal 40%, Red 14%, Blue 31%, Green 40%, Grey 37%																						
Colours:	Clear, Opal, Red, Blue, Green and Grey																								
Mid Span:	1400mm																								
End Span:	1050mm																								
<p>*32/1000</p>	<table border="1"> <tr> <td>Thickness:</td> <td>32mm</td> <td>Tech Data:</td> <td>UV Protected Both Sides</td> </tr> <tr> <td>Width:</td> <td>1000mm ±5mm</td> <td>U Value:</td> <td>U = 1.10 W/m<sup>2</sup>k</td> </tr> <tr> <td>Length:</td> <td>Project specific up to 13,400mm</td> <td>Light Transmission:</td> <td>Clear 55%, Opal 39%, Red 13%, Blue 29%, Green 38%, Grey 35%</td> </tr> <tr> <td>Colours:</td> <td>Clear, Opal, Red, Blue, Green and Grey</td> <td></td> <td></td> </tr> <tr> <td>Mid Span:</td> <td>1500mm</td> <td></td> <td></td> </tr> <tr> <td>End Span:</td> <td>1100mm</td> <td></td> <td></td> </tr> </table>	Thickness:	32mm	Tech Data:	UV Protected Both Sides	Width:	1000mm ±5mm	U Value:	U = 1.10 W/m <sup>2</sup> k	Length:	Project specific up to 13,400mm	Light Transmission:	Clear 55%, Opal 39%, Red 13%, Blue 29%, Green 38%, Grey 35%	Colours:	Clear, Opal, Red, Blue, Green and Grey			Mid Span:	1500mm			End Span:	1100mm		
Thickness:	32mm	Tech Data:	UV Protected Both Sides																						
Width:	1000mm ±5mm	U Value:	U = 1.10 W/m <sup>2</sup> k																						
Length:	Project specific up to 13,400mm	Light Transmission:	Clear 55%, Opal 39%, Red 13%, Blue 29%, Green 38%, Grey 35%																						
Colours:	Clear, Opal, Red, Blue, Green and Grey																								
Mid Span:	1500mm																								
End Span:	1100mm																								
<p>*40/1000</p>	<table border="1"> <tr> <td>Thickness:</td> <td>40mm</td> <td>Tech Data:</td> <td>UV Protected Both Sides</td> </tr> <tr> <td>Width:</td> <td>1000mm ±5mm</td> <td>U Value:</td> <td>U = 0.82 W/m<sup>2</sup>k</td> </tr> <tr> <td>Length:</td> <td>Project specific up to 13,400mm</td> <td>Light Transmission:</td> <td>Clear 49%, Opal 38%, Red 12%, Blue 26%, Green 33%, Grey 31%</td> </tr> <tr> <td>Colours:</td> <td>Clear, Opal, Red, Blue, Green and Grey</td> <td></td> <td></td> </tr> <tr> <td>Mid Span:</td> <td>1600mm</td> <td></td> <td></td> </tr> <tr> <td>End Span:</td> <td>1200mm</td> <td></td> <td></td> </tr> </table>	Thickness:	40mm	Tech Data:	UV Protected Both Sides	Width:	1000mm ±5mm	U Value:	U = 0.82 W/m <sup>2</sup> k	Length:	Project specific up to 13,400mm	Light Transmission:	Clear 49%, Opal 38%, Red 12%, Blue 26%, Green 33%, Grey 31%	Colours:	Clear, Opal, Red, Blue, Green and Grey			Mid Span:	1600mm			End Span:	1200mm		
Thickness:	40mm	Tech Data:	UV Protected Both Sides																						
Width:	1000mm ±5mm	U Value:	U = 0.82 W/m <sup>2</sup> k																						
Length:	Project specific up to 13,400mm	Light Transmission:	Clear 49%, Opal 38%, Red 12%, Blue 26%, Green 33%, Grey 31%																						
Colours:	Clear, Opal, Red, Blue, Green and Grey																								
Mid Span:	1600mm																								
End Span:	1200mm																								

\* Minimum order quantities apply, please consult Ampelite for more details.