

POLYCARBONATE SHEETING SOLUTIONS



**polyPIU**[®]
A U S T R A L I A
SOLUTIONS IN POLYCARBONATE



carboPIU



CarboPIU's Multiwall sheets in polycarbonate is a product with excellent physical and mechanical properties, impact resistance and a high elasticity, making them virtually unbreakable.

CarboPIU's 10mm fourwall is the core product in the range which combines the strength of a polycarbonate product with superior insulation and spanning capabilities. Available in a unique 2100mm wide sheet or the popular 1050mm, the scope for this product is endless in both the domestic and commercial fields.

The fourwall composite reduces heat and increases light, with thermal metrics well in excess industry standards. CarboPIU is made to suit the Australian conditions, providing protection from the harmful UV rays and with its availability in popular colours and finishes, it exceeds market expectations on a number of levels.

FEATURES

- 6 times lighter than glass
- Easy to cut and install
- 25% better thermal properties than equivalent 10mm thinwall sheets
- Comes with protective film for transit framework
- Excellent UV protection
- Made in Italy
- 10 year written product warranty

COLOURS

CLEAR

LIGHT TRANSMISSION	79%
HEAT TRANSMISSION	77%
R VALUE	0.4
SHADE FACTOR	2
SPAN	1050mm wide - unlimited span 2100mm wide - 2100 span

OPAL

LIGHT TRANSMISSION	42%
HEAT TRANSMISSION	41%
R VALUE	0.4
SHADE FACTOR	6
SPAN	1050mm wide - unlimited span 2100mm wide - 2100 span

GREY

LIGHT TRANSMISSION	24%
HEAT TRANSMISSION	44%
R VALUE	0.4
SHADE FACTOR	5
SPAN	1050mm wide - unlimited span 2100mm wide - 2100 span

SOLAR ICE

LIGHT TRANSMISSION	23%
HEAT TRANSMISSION	42%
R VALUE	0.4
SHADE FACTOR	4
SPAN	1050mm wide - unlimited span 2100mm wide - 2100 span

SOLAR GREY

LIGHT TRANSMISSION	16%
HEAT TRANSMISSION	24%
R VALUE	0.4
SHADE FACTOR	7
SPAN	1050mm wide - unlimited span 2100mm wide - 2100 span



lightPIU



LightPIU is the most popular product in the PolyPIU polycarbonate range. Available in an 18mm corrugated profile and with two distinct quality finishes, LightPIU exceeds market expectations.

The standard finish offers three colours with excellent light and heat transmissions while the two premium quality finishes provides outstanding heat reducing technology through its specially formulated colours. These features coupled with a minimum 4 degree roof pitch, make this product the market leader for excellent value for money.

LightPIU's unique ability to cut out harmful UV rays, combined with the peace of mind that comes with a 10 year written product warranty, sees it fast becoming Australia's first choice for polycarbonate sheeting.

FEATURES

- 99.9% UV Protection
- Market leading minimum 4 degree sheet fall
- Higher UV protection, specifically for the Australian sun
- Lightweight but still virtually unbreakable
- Made in Italy
- 10 year written product warranty

COLOURS

CLEAR

LIGHT TRANSMISSION	89%
HEAT TRANSMISSION	85%
R VALUE	0.175
SHADE FACTOR	1
SPAN	900mm

OPAL

LIGHT TRANSMISSION	71%
HEAT TRANSMISSION	45%
R VALUE	0.175
SHADE FACTOR	4
SPAN	900mm

GREY

LIGHT TRANSMISSION	36%
HEAT TRANSMISSION	53%
R VALUE	0.175
SHADE FACTOR	4
SPAN	900mm

SOLAR ICE

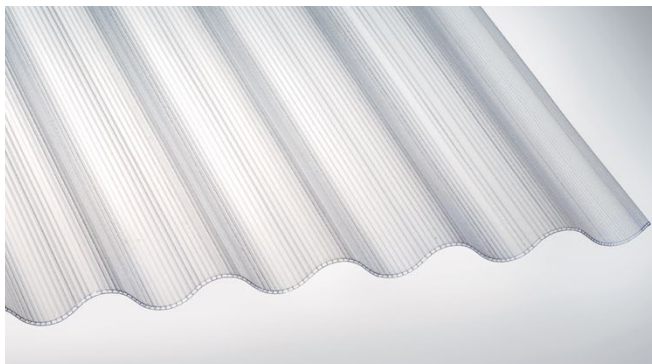
LIGHT TRANSMISSION	45%
HEAT TRANSMISSION	30%
R VALUE	0.175
SHADE FACTOR	5
SPAN	900mm

SOLAR GREY

LIGHT TRANSMISSION	16%
HEAT TRANSMISSION	21%
R VALUE	0.175
SHADE FACTOR	7
SPAN	900mm



smartPIU



SmartPIU is an innovative 2.5 mm thick multiwall corrugated polycarbonate sheet for use in domestic and home improvement roofing applications. The uniqueness of this product lies in its strength, spans and clean appearance. Product spans up to 1500mm separate SmartPIU from all other polycarbonate seen on the market today.

Its amazing heat and light transmissions and high performing thermal rating make it the polycarbonate of choice. The thin sheet thickness allows for greater versatility for overlapping and the multiwall structure offers remarkable advantages if compared to single skin sheets.

SmartPIU's ability to adapt into existing polycarbonate or steel sheets makes it the perfect choice for the next generation of light transmitting sheets. All of that backed by an exclusive written 10 year written product warranty.

FEATURES

- Higher UV protection
- 25% better thermal insulation than a single skin product
- Excellent heat and light transmission
- 50% Better spanning capability than single skin product
- Sunlight diffusion – no blinding sun rays or hot spots
- Market leading minimum 3 degree sheet fall
- 10 year written product warranty

COLOURS

CLEAR

LIGHT TRANSMISSION	84%
HEAT TRANSMISSION	69%
R VALUE	0.21
SHADE FACTOR	1
SPAN	1500mm

OPAL

LIGHT TRANSMISSION	76%
HEAT TRANSMISSION	41%
R VALUE	0.21
SHADE FACTOR	2
SPAN	1500mm

GREY

LIGHT TRANSMISSION	32%
HEAT TRANSMISSION	47%
R VALUE	0.21
SHADE FACTOR	4
SPAN	1500mm

SOLAR ICE

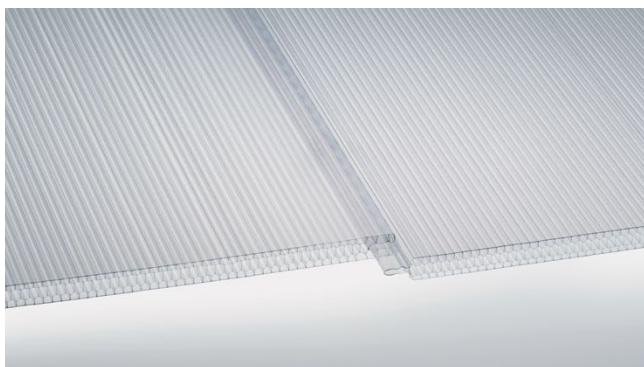
LIGHT TRANSMISSION	48%
HEAT TRANSMISSION	26%
R VALUE	0.21
SHADE FACTOR	6
SPAN	1500mm

SOLAR GREY

LIGHT TRANSMISSION	19%
HEAT TRANSMISSION	18%
R VALUE	0.21
SHADE FACTOR	7
SPAN	1500mm



panelPIU



PanelPIU 500 is an advanced interlocking modular system. Available in 16mm thickness, this product is perfect for gable ends, walling applications or screens. Its innovative locking system makes installation quick and easy.

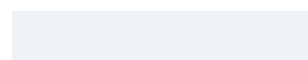
PanelPIU is a product with a high light transmission figure, great thermal insulation and an attractive aesthetic finish thanks to the elimination of connection profiles.

PanelPIU's uniqueness makes this product the polycarbonate of choice for a great looking finish to gable ends or screens.

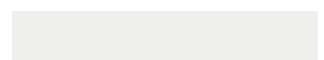
FEATURES

- Perfect for gable or wall infills
- Large Spanning capability
- Environmentally friendly – 100% recyclable
- Quick and easy installation
- Excellent thermal performance
- Made in Italy
- 10 year written product warranty

COLOURS



CLEAR	
LIGHT TRANSMISSION	69%
HEAT TRANSMISSION	76%
R VALUE	0.5
SHADE FACTOR	2



SOLAR ICE	
LIGHT TRANSMISSION	20%
HEAT TRANSMISSION	40%
R VALUE	0.5
SHADE FACTOR	6



SOLAR GREY	
LIGHT TRANSMISSION	15%
HEAT TRANSMISSION	23%
R VALUE	0.5
SHADE FACTOR	7

POLYPIU RANGE COLOUR SELECTIONS

COLOURS	SMARTPIU	LIGHTPIU	CARBOPIU	PANELPIU
CLEAR	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
OPAL	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
GREY	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
SOLAR ICE	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
SOLAR GREY	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

POLYPIU RANGE WIDTH & LENGTH SELECTIONS

LENGTH (MM)	SMARTPIU	LIGHTPIU	CARBOPIU	PANELPIU
	840mm wide	840mm wide	1050mm or 2100mm wide	500mm wide
1800	<input type="radio"/>	<input type="radio"/>		<input type="radio"/>
2000			<input type="radio"/>	
2100	<input type="radio"/>	<input type="radio"/>		
2400	<input type="radio"/>	<input type="radio"/>		<input type="radio"/>
2700	<input type="radio"/>	<input type="radio"/>		
3000	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3300	<input type="radio"/>	<input type="radio"/>		
3600	<input type="radio"/>	<input type="radio"/>		
3900	<input type="radio"/>	<input type="radio"/>		
4000			<input type="radio"/>	
4200	<input type="radio"/>	<input type="radio"/>		
4800	<input type="radio"/>	<input type="radio"/>		
5000			<input type="radio"/>	
5400	<input type="radio"/>	<input type="radio"/>		
6000	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
6600	<input type="radio"/>	<input type="radio"/>		
7000			<input type="radio"/>	
7200	<input type="radio"/>	<input type="radio"/>		

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