50th Anniversary — EST. 1969 — Proudly Australian Owned

AMPELITE Australia

NOW 500mm Wide

EasyClick PC
DO IT YOURSELF POLYCARBONATE PANELS
500

NEW and Improved Clicking System

- Easy DIY installation
- No specialist tools required
- Light weight
- Impact resistant

PROTECTION | WATER | DON'T STEP

10 YEARS — AMPELITE PTY LTD AUSTRALIA — **WARRANTY**

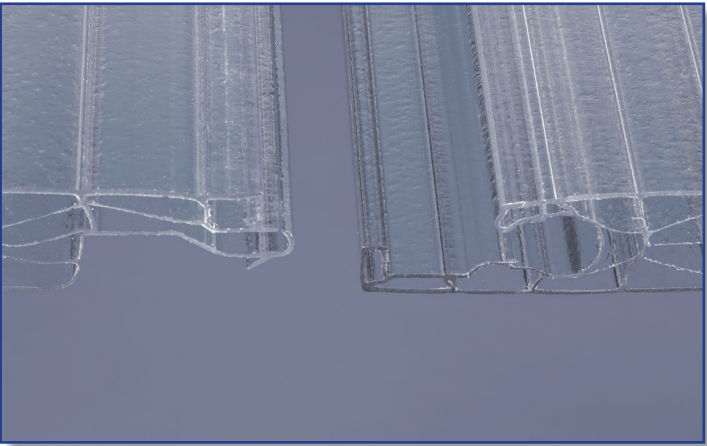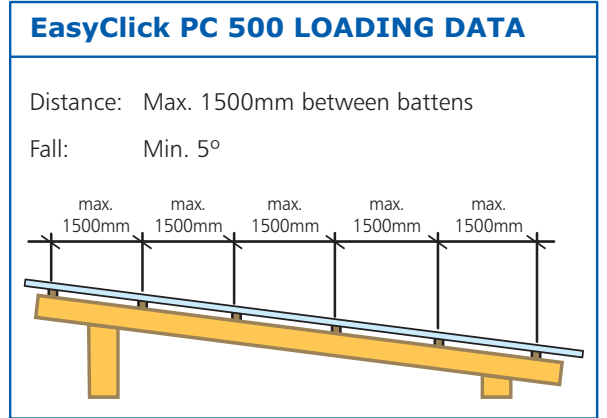100% AUSTRALIAN OWNED & OPERATED — Ampelite

EasyClick PC 500 is an ideal option for glazing and roofing in Pergolas, Greenhouses, Carports, Pool Enclosures, Office Partitions and more. EasyClick PC 500 is the perfect product for the home handyman. Assembly of EasyClick PC 500 is so simple that only standard tools are required to install. Cut panels to desired length, blow out swarf, screw in place, lock in next panel and repeat, finish with aluminium EasyClick PC 500 End Cap and Side Caps. The panels are manufactured from UV stabilised impact resistant durable polycarbonate. You can enjoy the great outdoors whilst being protected from the harmful effects of the sun.
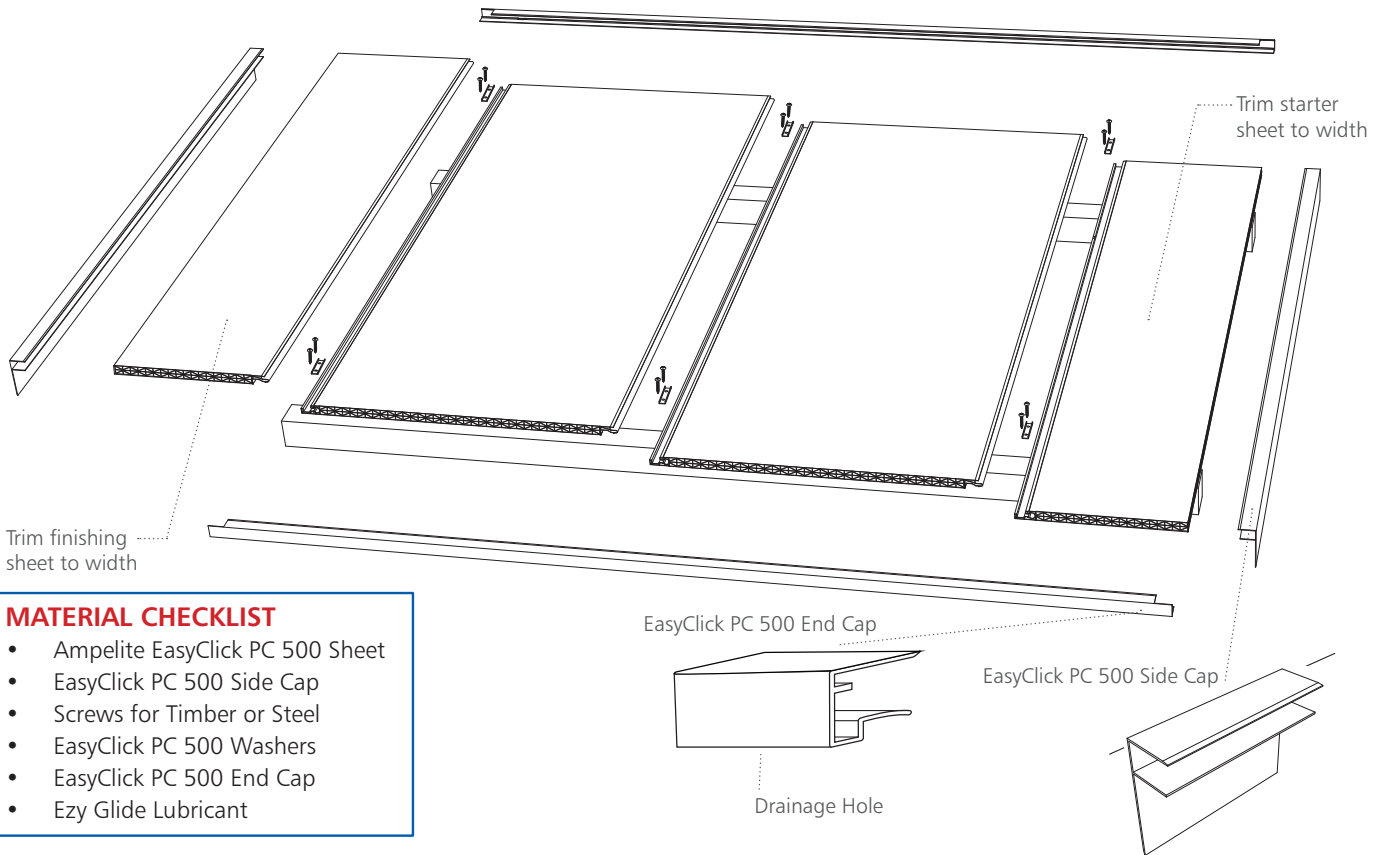
- **Easy Handling**
- **Light Weight**
- **Quick Assembly**
- **Outstanding Light Transmission with UV protection**
- **Thermally Efficient Multiwall construction**
- **X-structure for extra ridgidity**
- **Highly Impact Resistant**
- **Waterproof**

OPAL

CLEAR

GREY

METALLIC GREY

EasyClick PC 500 SPECIFICATIONS

Thickness	16mm
Width	500mm
Lengths	2.0, 2.5, 3.0, 3.5, 4.0, 4.5, 5.0, 5.5, 6.0, 7.0m
Colours	Clear, Opal, Grey, Metallic Grey
UV Protection	One Side
Thermal Insulation	U = 2.0W/m2K
End Cap Lengths	3.0m and 6.0m
Side Cap Lengths	4.0m and 7.0m
Screws	Wafer 25mm C3 T17 Timber
	Wafer 22mm C3 Tek Steel
Silicone Sealant	Must be compatable with polycarbonate sheeting

EasyClick PC 500 LOADING DATA

Distance: Max. 1500mm between battens

Fall: Min. 5°

max. 1500mm   max. 1500mm   max. 1500mm   max. 1500mm   max. 1500mm

EasyClick PC 500 Installation Guide

Trim starter sheet to width

Trim finishing sheet to width

EasyClick PC 500 End Cap

EasyClick PC 500 Side Cap

Drainage Hole

MATERIAL CHECKLIST
- Ampelite EasyClick PC 500 Sheet
- EasyClick PC 500 Side Cap
- Screws for Timber or Steel
- EasyClick PC 500 Washers
- EasyClick PC 500 End Cap
- Ezy Glide Lubricant

EasyClick PC 500 SPANNING DATA

Installation with concealed fixings

Recommended fastener assembly:
Timber: 10#-12x25 Type 17
Steel: 10#-16x22 Tek Screw
Use either screw c/w 50x10 Fixing Washer.

Purlin Centres	Load (kPa)
900	1.2
1200	1.0
1500	0.8

Installation in high wind areas

When installing EasyClick PC 500 sheeting into high wind locations we recommend in addition to the concealed screw & washer, an external screw fixing complete with bonded washer. This will ensure no disengagement of the EasyClick PC 500 system.
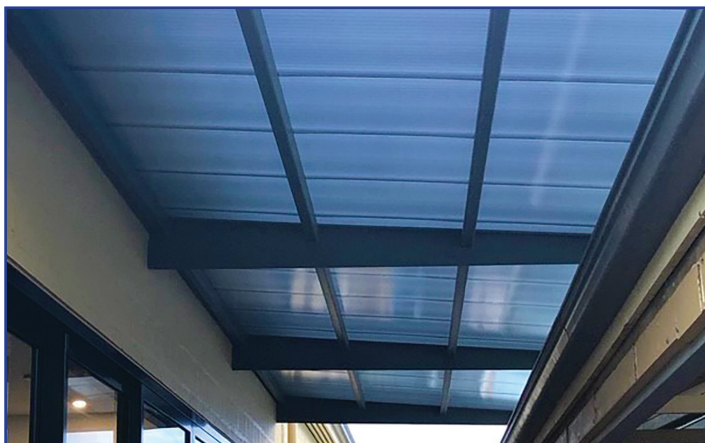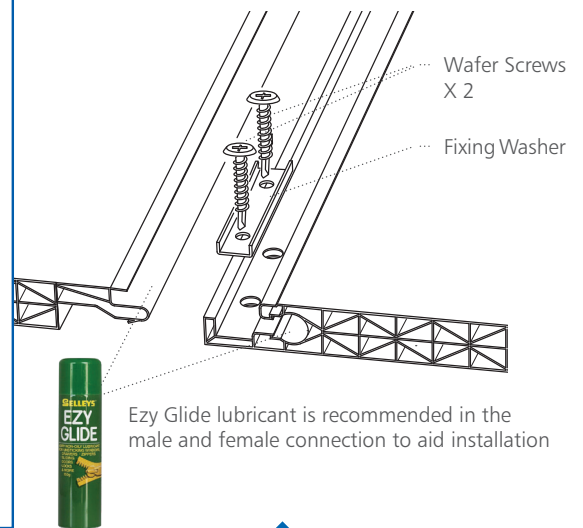
Purlin Centres	Load (kPa)
900	3.5
1200	3.0
1500	2.5

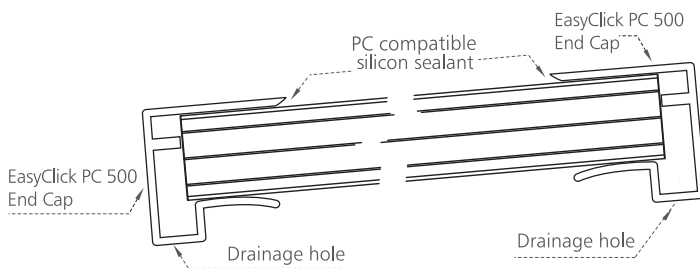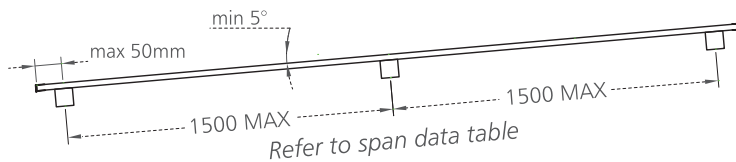**Recommended fastener assembly:**
Timber: 12#-10x50 Type 17 Screw c/w 26mm Aluminium Bonded Washer.
Steel: 12#-14x35 Tek Screw c/w 26mm Aluminium Bonded Washer.

Important Note: External fasteners should be located adjacent to the EasyClick PC 500 join on the top fitting sheet. Do not externally screw through the lap or join of the EasyClick PC 500 sheets.

Wafer Screws X 2

Fixing Washer

Ezy Glide lubricant is recommended in the male and female connection to aid installation

EasyClick PC
DO IT YOURSELF POLYCARBONATE PANELS
500

PROTECTION   WATER   DON'T STEP

EasyClick PC 500 Installation Guide

Cover width 500

Overall width 528

min 5°

max 50mm

1500 MAX

1500 MAX

1500 MAX

Refer to span data table

PC compatible silicon sealant

EasyClick PC 500 End Cap

EasyClick PC 500 End Cap

Drainage hole

Drainage hole

EasyClick PC 500 is characterised by high optical clarity, light transmission, impact resistance and durability. It is available in a range of standard sizes and colours. EasyClick PC 500 has a coextruded UV protection layer on the weather (external) face.

WARRANTY
There is a 10 year limited warranty against loss of light transmission, yellowing and weather impact.
Refer to Ampelite for full warranty details.

QUALITY
Manufactured under ISO 9001: 2015

HANDLING & SAFETY
Do not step directly on the EasyClick PC 500.
Use walk boards to protect the product.
Work according to local safety regulations.

STORAGE
Store in a shaded place, protect from direct sunlight and rain prior to installation. Avoid covering the sheets with heat absorbing materials. Avoid contact with chemicals. Protect the sheets from physical damage.

INSTALLATION
Do not overtighten fixings.
Remove protective film on installation.

SERVICE TEMPERATURE
For stable prolonged service ranging from –20°C to 100°C. (Short term un-stressed –40°C to 130°C)

MAINTENANCE
In order to maintain this product in good condition it should be cleaned periodically using detergent and water. Do not use solvent cleaners. Do not scrub with brushes or sharp implements. Avoid cleaning in hot sun or high temperatures.

RECOMMENDATIONS
Minimum roof pitch 5°
Maximum sheet length 7.0m

PROPERTIES

Thickness	16mm
Cover Width	500mm
U-value	2.0 W/m²K
UV protection	Single Sided

LIGHT TRANSMISSION

COLOUR	LIGHT	SHGC
Clear	77%	0.58
Grey	10%	0.46
Opal	67%	0.38
Metallic Grey	5%	0.20

Solar Heat Gain Coefficient (SHGC) indicates how much solar heat is transmitted through the EasyClick PC 500 sheet. Lower numbers mean less solar heat entering the room or area below the EasyClick PC 500.

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

Ampelite Australia Pty Ltd
ABN 91 487 122 629

Australian owned

Plumbing Merchants Association Supplier Of The Year for 2006, 2007, 2008, 2009, 2011, 2014, 2016 & 2019.

PLUMBING MERCHANTS ASSOCIATION

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QLD	Tel 07 3382 8300	Fax 07 3200 8703	Nth QLD	Tel 07 4774 5007	Fax 07 4774 7898
SA & NT	Tel 08 8260 7391	Fax 08 8260 7397	WA	Tel 08 9302 6833	Fax 08 9302 6855
NZ	Tel 09 634 5366	Fax 09 622 2060		www.ampelite.com.au	

Quality System

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SAI GLOBAL