

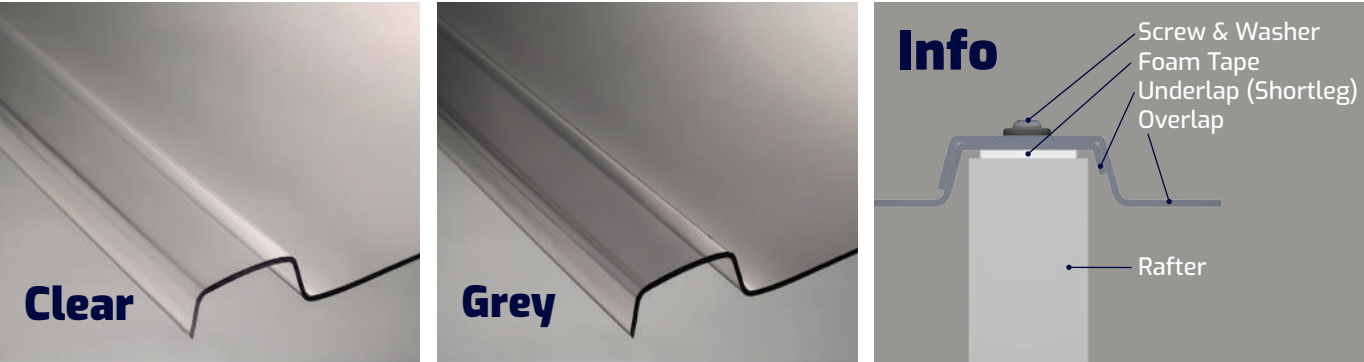
- A glass look appearance without the expense
- Available in clear and grey tint
- Lightweight and strong
- Simple & cost effective to install
- Hail and wind resistant
- Blocks 99.9% UV radiation
- 600mm cover in 3.0mm gauge.

Applications

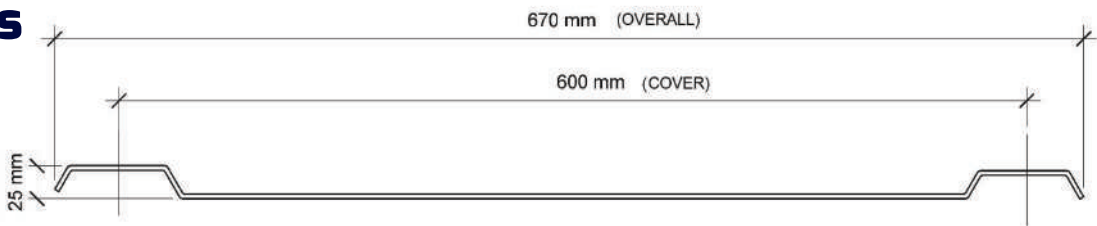
- Porches
 - Pergolas
 - Walkways
 - Carports
- Awnings
 - Entrances
 - Gazebos
 - Pool covers



Colour Range



Dimensions



Technical Information

Cleaning

PolyGlaze can be easily cleaned with soapy water and a soft microfiber cloth or soft sponge.

Safety

Do not step directly onto panels, ensure safety regulations are followed.

Handling and Storage

PolyGlaze should be handled with care to avoid any unnecessary scratches prior to installation. Store out of direct sunlight in a clean, dry and flat area.

Peel back protective masking before installation.

Flammability

PolyGlaze complies with the most demanding international fire resistance standard in the field of plastics - EN 13501-1 + A1 and UL 94.

Light Transmission

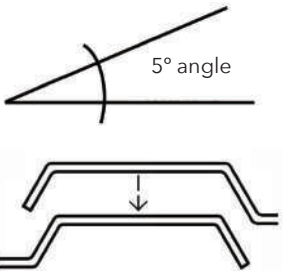
Colour:	Lt	SHGC
Clear	84%	0.75
Grey	53%	0.42

Mechanical Properties

Thickness	3mm
Cover Width	600mm
Sheet Lengths	2m, 3m, 4m, 6m
U-Value	5.45 W/m ² K
Sheet Weight	3.97kg/m ²
UV Protection	Single Sided

Roof Angle (Minimum Pitch)

PolyGlaze should be installed to a minimum 5° angle.



Sheet Lapping

Ensure larger rib overlaps the smaller rib. Refer to markings on the sheet.

Your Protection

Limited written warranty; PolyGlaze is manufactured under Quality Management Systems registered to BS EN ISO 9001:2015. The panels carry a 10 year limited warranty. For full details please contact your local Ampelite office.

10 Year Warranty

Ampelite Australia Pty Ltd issues the following warranty for Polyglaze polycarbonate sheets with UV protected layer as outlined in paragraphs A and B, subject to the limitations and exclusions listed herein.

A LIGHT TRANSMISSION

A 10 year warranty relating to the following properties:

- For a period of 10 years, the yellowness index, measured in accordance with ASTM D 1925-77, shall change less than 10 delta in comparison with the original value.
- For a period of 10 years, the light transmission, measured in accordance with ASTM D 1003-77, shall decrease by no more than 6% in comparison with the original value.

B WEATHER BREAKAGE

A 3 year warranty relating to the following properties:

- For a period of 3 years, no breakage will occur due to normal weathering of the UV protected surface of the sheet. Claims for hail damage will be evaluated using a hail simulation test. Any sheet tested and which remains unbroken by impact from artificial hail stones of 20mm diameter, with surface impact speeds of 21m/s, will not be the subject of any claim.

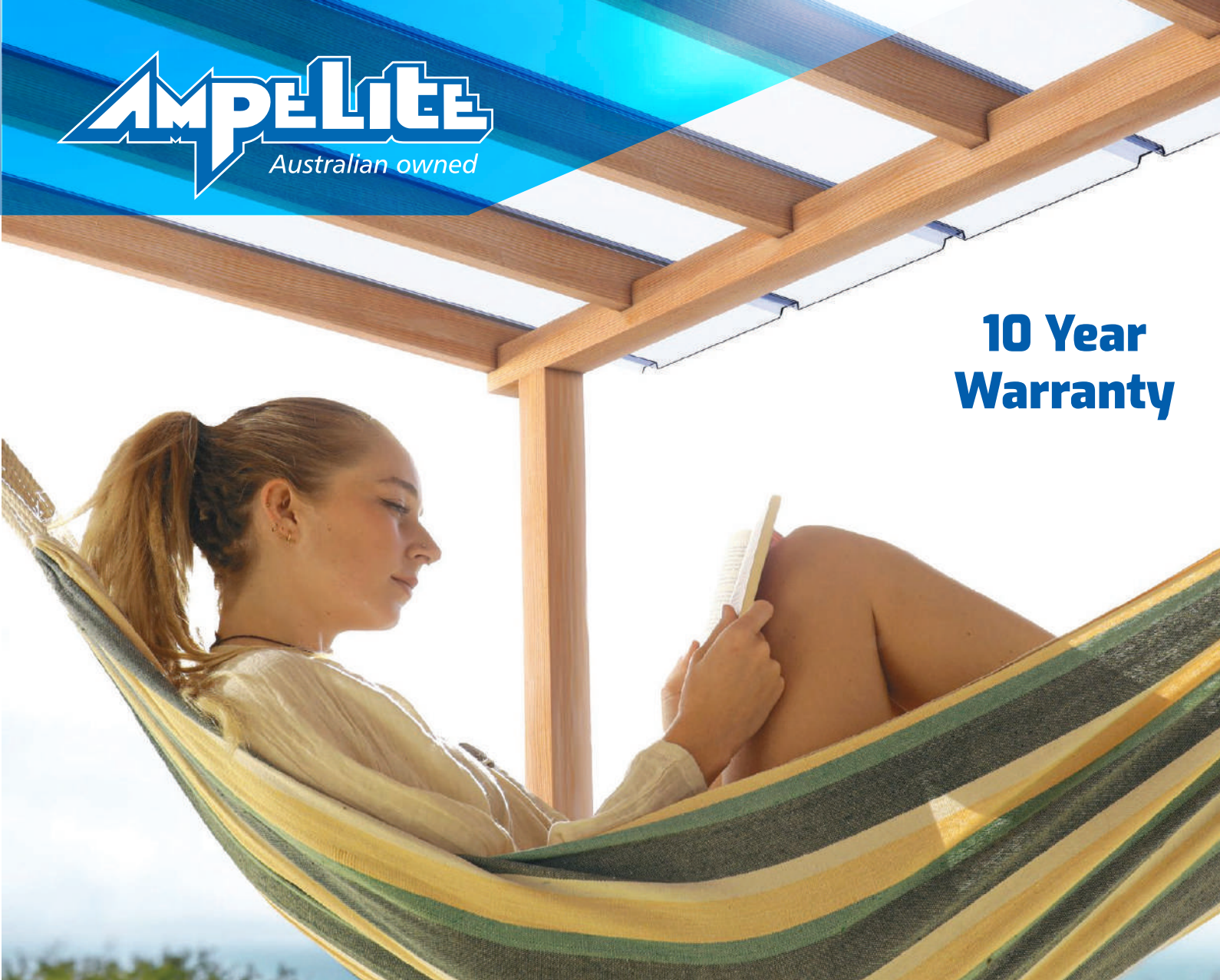
GENERAL CONDITIONS

1. The commencement date of this warranty is the date of original purchase and remains valid to the original purchaser only. Claimants must provide a receipt indicating the proof of purchase date.
2. Any other claims for damage or loss, either direct or indirect, or consequential whatever the cause thereof, are expressly excluded from this warranty.
3. The warranty remains valid only if the sheet has been correctly stored, handled, installed and cleaned as recommended by Ampelite Australia Pty Ltd.
4. Ampelite Australia Pty Ltd must be notified of any claim immediately and not later than 28 days after the alleged failure. The claimant must allow an inspection of the installation site prior to removal of the sheets from their original position. In addition, Ampelite Australia Pty Ltd reserves the right to independently investigate the circumstances of failure, including checks with the local meteorological survey and others.

LIMITATIONS AND EXCLUSIONS

5. This warranty applies only to sheets which have been maintained in a scratch-free condition and have not been in contact with chemicals, paints, adhesives or other incompatible materials.
6. This warranty only applies to sheets which have been installed with their UV protected side facing outwards, therefore being the side exposed to solar radiation and normal weather conditions.
7. This warranty is not valid for sheets which have been thermoformed or altered from their original state.
8. For the warranty to remain valid, the sheets must be installed in accordance with the manufacturer's recommendations which include:
 - i. Maintaining proper purlin spacing appropriate for sheet thickness, profile and conditions of application.
 - ii. Full adherence to fixing recommendations with the avoidance of over tightening screws, glazing bars and any other fixings.
 - iii. Store sheets under an opaque cover at all times.
 - iv. Cutting, drilling and handling as advised by Ampelite Australia Pty Ltd.
 - v. Specific details given for curved installations.
 - vi. All other information contained in labels and publications relating to Polyglaze.
9. This limited warranty shall be governed by the laws of Australia. Any dispute arising under this limited warranty shall be heard exclusively in courts or tribunals of competent jurisdiction in Australia.
10. In the event of an agreed warranty claim, Ampelite Australia Pty Ltd reserves the right to supply new sheets free of charge or issue a refund to the purchaser for the original purchase price of the affected sheets. Replacement or refund shall be in accordance with the table below. Installation costs are expressly excluded from this warranty. All further claims are excluded.

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10 Year
Warranty

PolyGlaze: The Effortless
Choice for Outdoor Living

Transform your outdoor space with PolyGlaze - the perfect solution for a sleek, glass-like finish that enhances the beauty of your surroundings. Enjoy the Australian outdoor lifestyle in style, with the confidence of safety and durability, all year round.

www.ampelite.com.au

VIC & TAS	Tel 03 8710 9110	Fax 03 9794 0710	NSW & ACT	Tel 02 9625 7200	Fax 02 9625 7211
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

www.ampelite.com.au

Before Installation

PolyGlaze: The Future of Transparent Roof Covering

PolyGlaze is the next generation in transparent roofing, offering a stunning glass-like appearance combined with the exceptional performance of Polycarbonate. Available in both clear and tinted options, it allows you to control the perfect amount of shade for your space, tailored to your location.

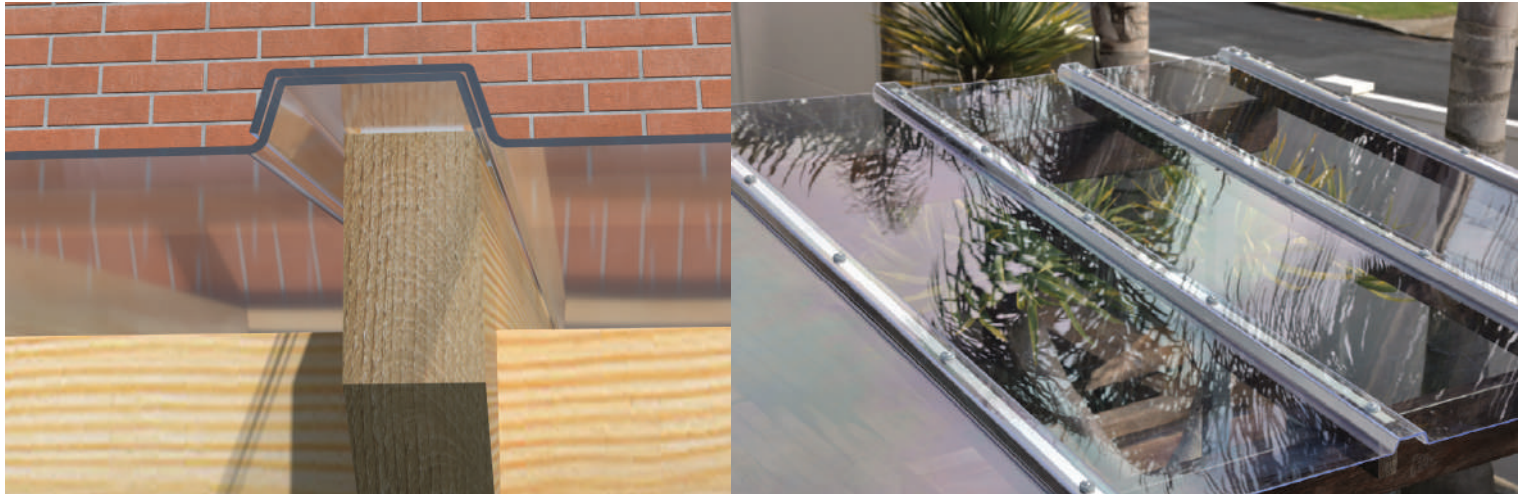
Engineered to provide maximum value for homeowners, PolyGlaze sets a new benchmark in aesthetic appeal while remaining simple to install and maintain. The sleek 3mm thick panels are designed to screw directly into your structure's rafters, eliminating the need for costly glazing bars. This streamlined installation process ensures a professional, polished finish, with less time and effort required.

Health & Safety

Wear appropriate Personal Protective Equipment when installing. Beware of any awkward movements, straining or twisting while moving the sheets.

Tools

PolyGlaze requires no special tools and can be installed using a wide variety of standard building equipment. It is recommended a fine tooth saw blade is used when cutting PolyGlaze sheets.

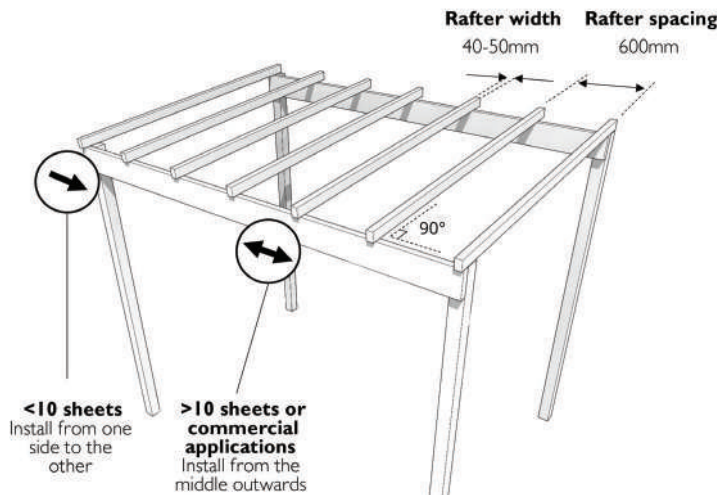


Rafter Layout

Specification

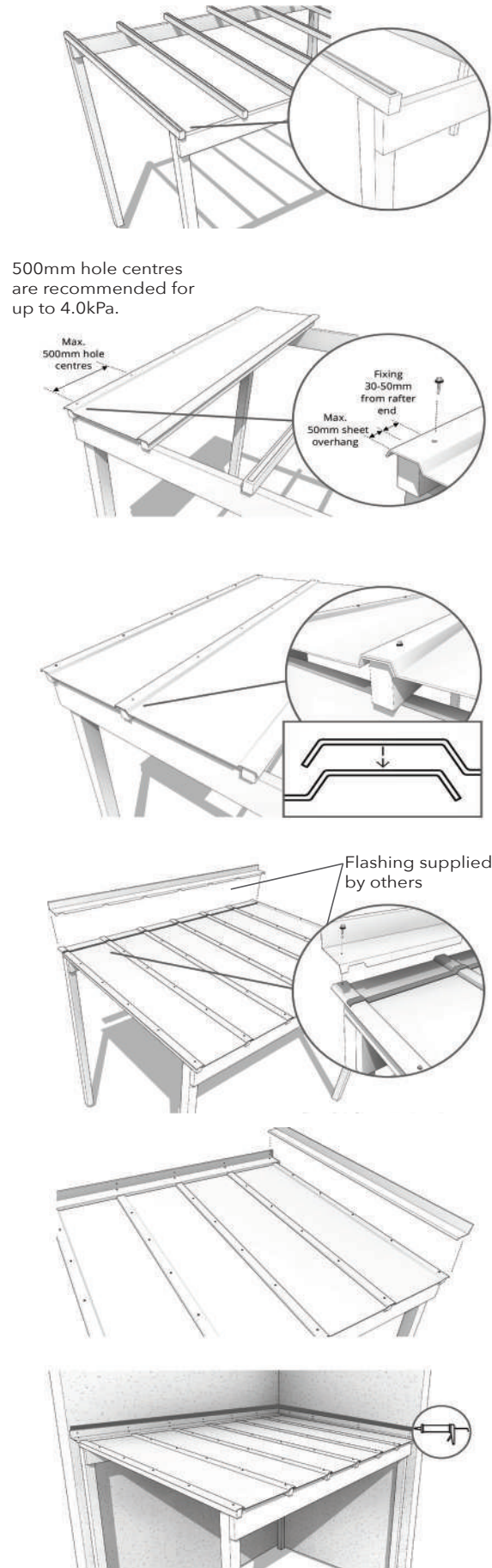
PolyGlaze is designed to be installed on 50mm Rafters at 600mm centres with no need for the use of Purlins to support the PolyGlaze sheet.

PolyGlaze can be installed on pergolas that have existing battens, maximum spacing 1200mm.



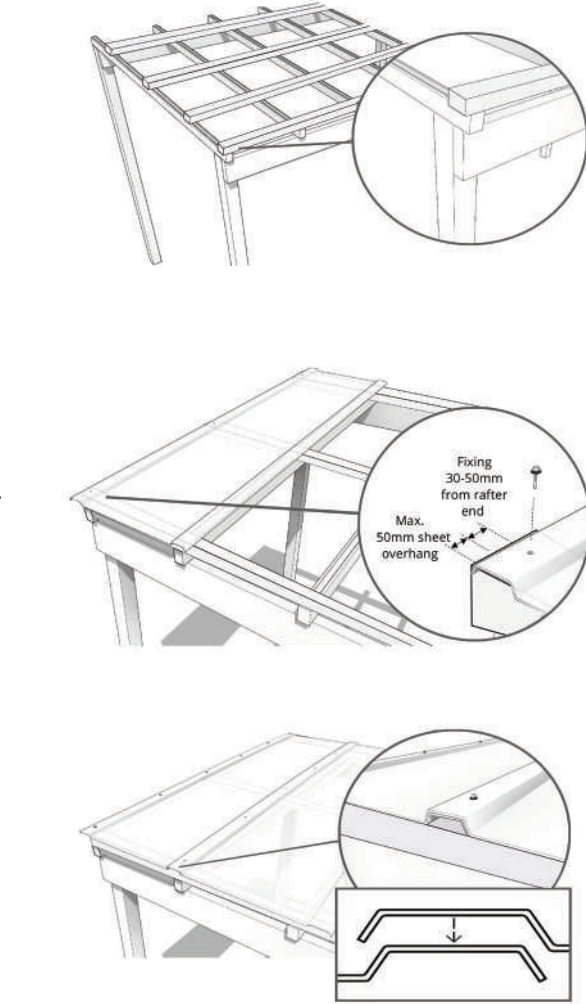
Installation Advice Rafter Layout

- 1 Apply Ampelite PolyGlaze tape to each rafter, prior to installing PolyGlaze sheets.
- 2 Pre-drill 10mm clearance holes through PolyGlaze at Max 500mm centres. Max 50mm overhang of sheet.
Fix using Ampelite PolyGlaze fixings and bonded washes (Multi- Drive 10g x 50mm). Fix from one end of PolyGlaze profile to the other.
- 3 Place next PolyGlaze sheet ensuring correct lap orientation shown. Pre-drill 10mm clearance holes through PolyGlaze.
Fix using Ampelite PolyGlaze fixings. Fix from one end of PolyGlaze profile to the other. Repeat for all PolyGlaze sheets.
- 4 Mark final position of apron flashing at head. Apply Ampelite PolyGlaze Tape along full width of flashing prior to install.
Fix to PolyGlaze using Ampelite PolyGlaze fixings. Fix flashing to wall using appropriate fixings.
- 5 Where applicable, install barge flashing to meet apron flashing at corner. Fix to PolyGlaze using Ampelite PolyGlaze fixings. Fix to wall using appropriate fixings.
- 6 Apply polycarbonate sealant around perimeter at flashings and PolyGlaze Foam End Closure Strips if required.



Installation Advice Batten Layout

- 1 Apply Ampelite PolyGlaze tape to each batten, prior to installing PolyGlaze sheets.
- 2 Pre-drill 10mm clearance holes through PolyGlaze at Max 500mm centres. Max 50mm overhang of sheet.
Fix using Ampelite PolyGlaze fixings and bonded washes (Multi- Drive 10g x 50mm). Fix from one end of PolyGlaze profile to the other, along each batten.
- 3 Place next PolyGlaze sheet ensuring correct lap orientation shown. Pre-drill 10mm clearance holes through PolyGlaze into the batten.
Fix using Ampelite PolyGlaze fixings. Fix from one end of PolyGlaze profile to the other. Repeat for all PolyGlaze sheets.



Follow steps: 4 + 5 + 6 as per Rafter Layout.

Sheet Trimming

Use a circular saw with a fine-tooth blade to cut to required sizing/width. Apply the "lap seal tape" to the top of the sheet and insert to F channel. Fix F Channel using appropriate screw.

