



Industrial Fibreglass

Industrial Fibreglass is a quality general purpose Glass Reinforced Polyester sheet manufactured using only the highest quality raw materials.



Industrial Fibreglass manufactured by Ampelite has unparalleled performance over a long period.

Industrial Fibreglass is Ampelite's entry level commercial and industrial skylight, and is used extensively to allow naturally diffused daylight into a wide range of applications from warehouses to DIY projects. Available in all current and superseded metal profiles in standard Ice-clear and Opal tints. In Australia's harsh climate it is important to choose a product that blocks 99.9% of UV. All Ampelite products do just that, so you can rest assured your skin or delicate materials will not suffer or degrade.



TOUGH & DURABLE



EASY TO INSTALL



LOW MAINTENANCE



OPTIMAL LIGHT TRANSMISSION



EXCELLENT UV PROTECTION

Ampelite the global leader in Glass Rein



Spanning / Grades

Series - gsm	2400	3050	3660	4270	4880
Corrugated	1200	1500	1700	-	-
5 rib	1500	1700	2000	2300	-
Spandek	1600	2000	2300	2600	2800
Kliplok 406	1400	1700	2000	2300	2600
Kliplok 700	1400	1700	2000	2300	2600
500 Decking	1400	1700	2000	2300	2600

Light & Heat

Colour	Series	Light	Heat
Ice Clear	2400	74%	68%
Opal	2400	72%	64%

Specification

Industrial Fibreglass

The Translucent Sheeting shall be Ampelite industrial fibreglass sheeting as manufactured by Ampelite Australia Pty. Ltd. to comply with AS/NZS4256.3:1994. The weight of the sheet shall be *2400 g/m² and be manufactured to conform to the nominated profile and colour. Sheeting shall be installed in accordance with Ampelite fixing instructions and with AS/NZS1562.3:1996 Design and installation of sheet roof and wall cladding, Part 3:Plastic.

*choose applicable grade.

Grade

Series	Weight (Kg/m ²)
2400	2.4
3050	3.05
3660	3.66
4270	4.27
4880	4.88

Delivery and Handling

Fibreglass is usually delivered in packs, facilitating unloading and handling. If forklifts are used to lift a pack, care must be taken to avoid damage; use of a separate, sacrificial support sheet may be necessary. Handling rooflights in windy conditions should be avoided.

Storage

Rooflights should not be exposed to weather before installation. They should be stored indoors if possible, or covered to prevent damage from rain or sun. They must be stored on flat ground, on 100mm battens (free from nails and debris) and tied down (never weighted) to secure against wind.

Maintenance

Maintenance involves cleaning and inspection every 12 to 18 months. The general condition of the Fibreglass rooflights, and the security of the fixings and sealant should be checked periodically as part of the overall maintenance program for the structure into which they are incorporated. If a rooflight is found to be damaged it must be replaced in accordance with the original specification.

Reinforced Polyester sheeting

Drilling

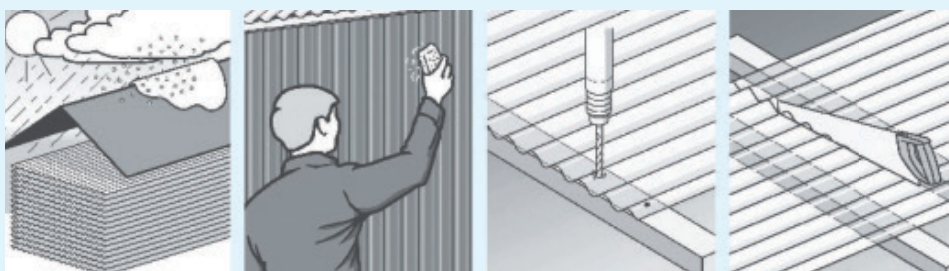
Holes for fixings must not be punched through Fibreglass sheets. Hand and power drills are suitable. Drill holes at the slow speed when using power drill. Use a metal bit to support the sheet underneath the hole position. Holes for fixings should be at least 50mm from the end of the sheet. The use of Fibreglass Tek Screws with a self oversizing hole cutter is preferable.

Cutting

Fibreglass sheets can be cut with hand or power tools. Hand saws with fine tooth blades eg. Metal cutting blades, are suitable. Support the sheet close to the saw and cut at a shallow angle with slow steady strokes.

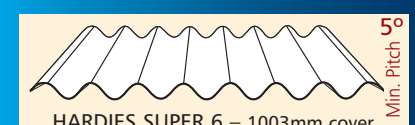
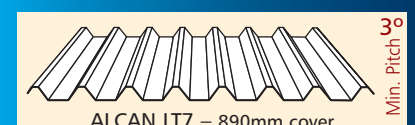
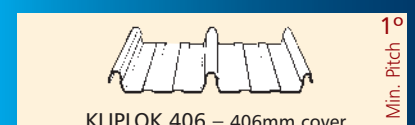
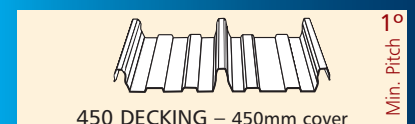
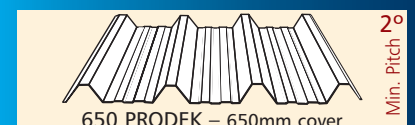
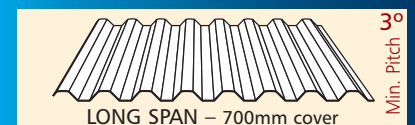
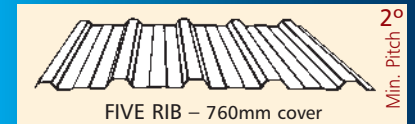
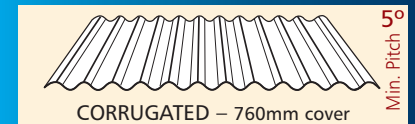
Installation

Where wire safety mesh is incorporated under the Fibreglass sheeting and over a purlin, a protective purlin strip (PPS) must be installed to prevent fracturing. In roofing application fixings shall be fitted through the crest of any profile. Oversize screw holes from 10mm up to 15mm must be made at all points of fixing. Only 32mm 'Weatherlok' seals should be used as the washer. When fibreglass sheets are end lapped, two lines of Lapseal Tape shall be placed across the full width of the sheet. Each strip is placed approximately 150mm apart with one line located 25mm from the end of the fibreglass sheet. (Comprehensive installation instructions can be found at www.ampelite.com.au or at any Ampelite state office)



Standard Profiles

Plus many more, ask us for more information.



In addition, most current and superseded profiles can be supplied. Custom profiles are also available on demand.

Industrial Fibreglass is a versatile range of rooflight and vertical glazing sheets offering ideal daylighting solutions in a wide range of applications

Construction

Available to match over 500 metal and fibre cement roofing profiles, Fibreglass is available in a range of thicknesses and can be colour tinted to achieve dramatic effects. Fibreglass can be found in a wide range of construction applications including stadia canopies, composite rooflights and vertical glazing.

- Stadia
- Factories
- Warehouses
- Retail stores
- Schools
- Leisure & sports facilities
- Road, rail and airport terminals

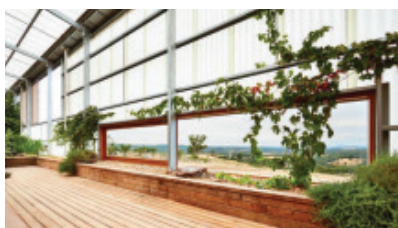


Agricultural & Horticultural

Used extensively in agricultural and horticultural buildings, Ampelite brings in the right level of daylight to encourage healthier, more disease resistant crops and livestock and provides a better working environment for farm workers, resulting in improved productivity all round.

Ampelite Industrial Fibreglass offers quality light transmission combined with excellent safety levels making it a very cost effective daylighting product.

- Storage sheds and barns
- Livestock stables and sheds
- Milking shed
- Equine centres
- Propagation sheds
- Plant houses



About Ampelite

Established in 1969, Ampelite Australia Pty. Ltd. has grown to become a leading manufacturer of GRP roofing. The modern factory is equipped with fully automatic equipment to ensure uniform quality. The process includes a facility for the integration of a gel coat surface.

The premium product is marketed as 'Wonderglas GC' and offers longer life with negligible loss of light transmission. The best materials and the world's latest resin technology are used to manufacture Ampelite fibreglass sheeting.

Management and key production staff have long and continuous involvement in the industry, this is your assurance of quality and informed product support.

For more information on new products or installation instructions, please visit our website at www.ampelite.com.au

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, 2014 & 2016



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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	



Warranty

AMPELITE INDUSTRIAL QUALITY FIBREGLASS SHEETING

The following benefits are in addition to any rights and remedies conveyed by The Australian Consumer Law.

Ampelite Australia Pty Ltd warrants industrial glass reinforced polyester sheeting over:

1. A period of 10 years (pro-rata cover) for the following:
 - The product will not allow water penetration through the actual sheet.
2. A period of 3 years (pro-rata cover) for the following:
 - The product will not de-laminate or allow protrusion of reinforcing fibres through the sheet surface.
 - The product will remain structurally sound and shatter resistant under normal conditions. This includes fracturing of sheet by hailstones up to 20mm in diameter accompanied by winds up to 100 km/hr. Hairline fractures or crazing due to hailstone damage are not covered by this warranty.

Warranty Conditions:

- The product must be installed strictly in accordance with the Design and Installation of Sheet Roof and Wall Cladding Part 3: Plastic AS/NZS 1562-3, 2006 and Ampelite's (the manufacturer) recommendations and specifications.
- The product must not be affected by failure to remove debris, or failure to keep the surface clean or to provide free drainage of water from the products surfaces.
- The sheet shall not be directly exposed to the range of chemicals known to cause deterioration of polyester materials.
- Sheet failure or damage due to vandalism, fire or natural disasters, improper transport, storage or installation is not covered.
- The warranty is non-transferable and requires a proof of purchase.
- This document supersedes all other Ampelite representations inferred or implied.

Replacement or Refinishing

During the applicable warranty period, Ampelite Australia Pty Ltd will, upon verification and acceptance of a claim, supply a replacement panel at a cost to the user calculated as follows: 1/120th warranted for 10 years of the original price paid for each month of service obtained prior to the submission of the claim, or refinish the defective panel to restore minimum surface integrity. This warranty is made expressly in terms of replacement or refinishing and does not cover;

- Contingent liability such as transport, hoisting or labour to remove and or install replacement end product.
- Injury to persons, damage to property, loss of income, profit or business, or any other indirect loss arising from or caused in any way by the defective end product.