

# WONDERGLAS G.C.

GEL COATED POLYESTER SHEETING

# UNSURPASSED PROVEN PERFORMANCE



**Quality  
Endorsed  
Company**  
AS/NZS ISO  
9001  
QEC 4787

Ampelite is a wholly Australian owned company. All Ampelite fibreglass roofing products sold in Australia are Australian made. Profits remain in Australia, taxes paid in Australia benefit our community.

# AMPELITE

World Class Fibreglass technology



- Surface erosion (fibre show) is eliminated.
- Superior resistance to yellowing and hazing.
- Minimal loss of light transmission over life.
- Long Warranty – your protection for 25 years.
- 99% protection from UV rays.
- More cost effective over life of building.



**AMPELITE**, Australia's most experienced and largest manufacturer of fibreglass roofing introduced 'Wonderglas GC' gel coated sheeting to Australia in 1994, adapting the process originally developed by BP chemicals in the United States, to expressly combat Australia's very harsh environment.

**WONDERGLAS GC RETAINS STRENGTH AND FLEXIBILITY.** Over the life of the sheet strength and flexibility is retained, it does not lose its tensile strength or become brittle as happens with film surface coated and polycarbonate materials. Generally speaking, film coated fibreglass reinforced polyester sheeting has a history of failure under Australian conditions. While it has been a means of delivering natural light, the shortcomings of erosion, combined with loss of light transmission, discolouration and water penetration, have called for a decided improvement. Wonderglas GC, with a UV resistant Gel Coat of 100 microns in thickness, replacing surface film of just 20 microns, has provided this improvement.

Since then Wonderglas GC has been proven in many thousands of installations throughout Australia and New Zealand, and in many Asian regions. Ampelite's policy of continual product improvement, as new technology and materials are available, ensures product leadership. The highly UV resistant resins used in the manufacture of Wonderglas GC provide the ultimate in protection – ahead of even the latest surface film technology. The 100 micron thick gel coat is integral with the sheet, (chemically cross bonded), and no delamination is possible. The gel coated sheet surface becomes an almost impenetrable barrier that reduces surface erosion and loss of light transmission to negligible proportions. The proven performance of Wonderglas GC remains unsurpassed and puts this Australian made product at the cutting edge of world resin technology.

**CHEMICAL RESISTANCE.** In addition to exceptional performance, even under adverse conditions, Wonderglas GC has very high resistance to a range of common chemicals. So much so, that entire industrial plants are clad with gel coated woven mat reinforced fibreglass ('Webglas GC' also an Ampelite product) to eliminate corrosion.

**SPECIAL PURPOSE VARIATIONS OF WONDERGLAS GC.** The benefits of Ampelite's 'Cool-lite' Heat Reduction sheeting, or 'SR76' Fire Retardant sheeting can be incorporated into Wonderglas GC. Many installations utilise these options, sometimes combining them.

**AMPELITE QUALITY.** Australian made Wonderglas GC premium grade glass reinforced gel coated polyester sheeting is manufactured to AS/NZS 4256.3 1994 under Licence 986. Ampelite is a Quality Endorsed Company complying with AS/NZS ISO 9001:1994, Licence QEC 4787.



**Quality Endorsed Company**

AS/NZS ISO 9001 QEC 4787

*The gel coat process in which the coating and the base sheet are brought together at the optimal point of saturation highlights the superiority of Ampelite's fully automated production line. This provides precise control of every operational phase including sheet curing. Tests by CRC (an independent Govt. body) showed that highly cured sheet such as Wonderglas GC experienced far less degradation in use.*