



WARRANTY

AMPELITE
World Class Fibreglass technology

WonderGLAS GC

GEL COATED POLYESTER SHEETING



BEST IN MARKET

**UNSURPASSED
PROVEN
PERFORMANCE**



ROUDLY AUSTRALIAN OWNED

Specifications



Wonderglas GC has excellent stability

Materials Expansion Comparison. 0°C to 40°C temperature variation.
Sheet length 12 metres.

	Fibreglass	Polycarbonate	Steel	Aluminium
Thermal expansion	14.4 mm	32.4 mm	5.8 mm	11.5 mm
Thermal co-efficient	3.0 x 10 ⁻⁵ cm/cm °C	6.75 x 10 ⁻⁵ cm/cm °C	1.2 x 10 ⁻⁵ cm/cm °C	2.4 x 10 ⁻⁵ cm/cm °C

Spanning / Grades

Series - gsm	2400	3050	3660	4270	4880
Grades - kg/m ²	2.4	3.05	3.66	4.27	4.88
Corrugated	1200	1500	1700	-	-
5 rib	1500	1700	2000	2300	-
Spandek	1600	2000	2300	2600	2800
500 Decking	1400	1700	2000	2300	2600
Kliplok 700	1400	1700	2000	2300	2600

Physical Properties

Tensile strength	(Min. requirement 50 MPa)	80 MPa
Impact strength		8 Joules
Shear Strength		90 MPa
Modulus of elasticity		5500 MPa
Compressive strength		135 MPa
Flexural strength		150 MPa
Specific gravity		1.45
Thermal expansion		3.0 x 10 ⁻⁵ cm/°C
Thermal conductivity		158 watt/m°C
Water absorption		.2% in 24 hours/26°C
Curved roof radius - Corrugated & 5 rib	2400g/m ² minimum radius: 4.0 metres	
Recommended service temperature:	range -20°C to +96°C	

Screw Patterns

Profiles	Pattern
Corrugated	1, 4, 7, 10, 12
5-Rib	All, 1, 2, 3, 4, 5
700 Deck	All, 1, 2, 3, 4
Hardies	1, 3, 5, 7

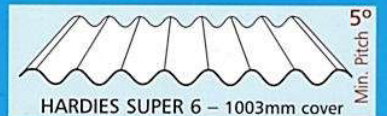
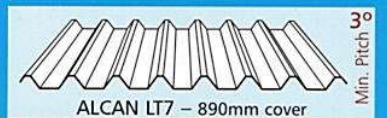
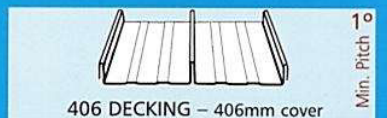
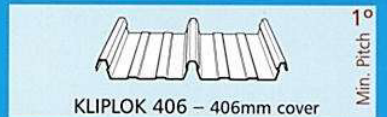
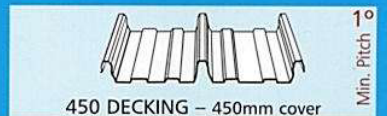
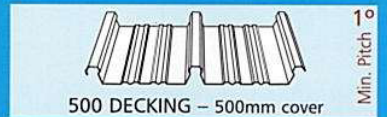
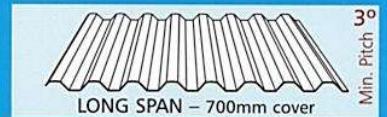
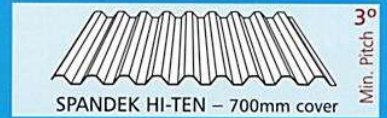
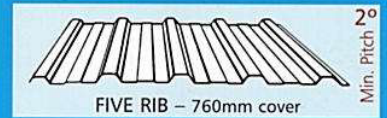
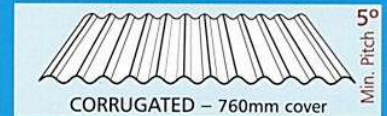
Light & Heat

Colour	Series	Light	Heat
Ice Clear	2400	74%	68%
Opal	2400	72%	64%
CoolLite	2400	38%	23.5%



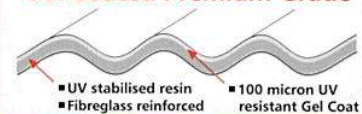
Standard Profiles

Plus many more, ask us for more information.



In addition, most current and superseded profiles can be supplied. Plus custom profiles as required.

Gel Coated Premium Grade



The Wonderglas GC 100 micron gel coat provides unsurpassed performance. In comparison, surface film is just 20 microns in thickness.