

Glazing Panels

Polycarbonate / Polyester

Accessories



POLYCARBONATE

These panels are made using a co-extrusion process of polycarbonate resin, giving them durability and resistance to environmental attacks.

This is a top-quality product with some unique features that give it excellent durability, while providing ideal solutions for maximising ambient light in the construction industry. Replacement costs are low, since its resistance and the capacity to maintain its original colour indefinitely give it a big advantage over other products. Two colours are available: Opal White (translucent white) and natural colourless (transparent).

This is a highly versatile and functional product, manufactured with the same shape as the MG-18/76, MG-23/220, MG-30/206, MG-30/209 and MG-40/250 panels, which ensures a perfect fit and easy installation. Its many properties include: excellent transparency, impact and warp resistant, UV ray protection; installation in curved mountings; high resistance to extremes of temperature.

POLYESTER

These panels are formed of glass-fibre reinforced polyester resin, giving them high resistance for all kinds of use. They also have a protective coating of "Gelcoat" on both sides which gives superior weather resistance, thus prolonging their durability, while providing an even transmission of light and a more attractive appearance.

Two colours are available: Opal White (translucent white) and Natural Colourless (transparent). This is a highly versatile and functional product, manufactured with the same shape as the MG-18/76, MG-23/220, MG-30/206, MG-30/209 and MG-40/250 panels, which ensures a perfect fit and easy installation.

Its many properties include: lightness (low weight), resistance (to cracking and weathering); protection (against ultra-violet rays); transparency (natural light passes through).

TECHNICAL FEATURES

- The maximum recommended length is 6 metres.
- Overhang should not exceed 200mm.
- Overlaps should face the wind direction.
- Do not step directly on the panels.

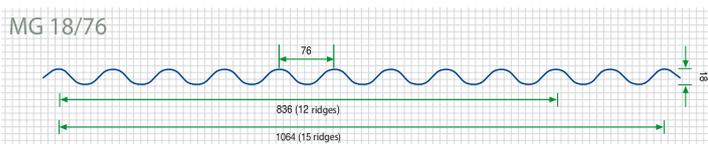
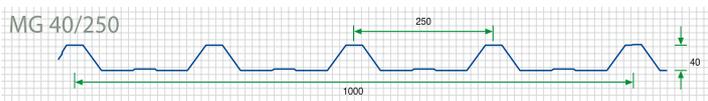
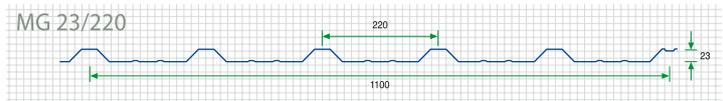
Average thickness	1 mm
Density	1.2 g/cm ³
Strength	70 N/mm ²
Extension to elastic limit	6-8 %
Flexion Limit	2500 N/mm ²
Thermal expansion coefficient	0.065 mm/m °C
Softening temperature	150 °C
Light transmission	Natural Colourless 90% Opal white 35 %

TECHNICAL FEATURES

- Projection length should not exceed 200mm.
- Overlaps should face the wind direction.
- Do not step directly on the panels.

Average thickness	Class I: 0.8 mm	Class II: 1 mm
Fibre content	290 g/m ²	500 g/m ²
Density	1.5 a 1.8 gr/cm ³	
Thermal conductivity	0.23 Wm °k	
Thermal expansion coefficient	0.0035 mm/m °C	
Softening temperature	140-150 °C	
	> 1530 Kg/cm ³	
	65 - 80 N/mm ²	

PROFILES



measurements in mm.