

PRODUCT DATA SHEET PC10 10MM TWINWALL POLYCARBONATE



GENERAL DESCRIPTION

10mm Twinwall Polycarbonate is characterised by high optical clarity, light transmission, impact resistance and durability. It is available in a range of standard sizes in clear, bronze and opal. 10mm Twinwall Polycarbonate has a coextruded UV protection layer on one side.

Colours	Light Transmission
Clear (PC10-C)	82%
Bronze (PC10-B)	33%
Opal (PC10-O)	40%

Load (kN/m ²)	Sheet Width		
	700mm	980mm	1250mm
0.4		2.19	1.56
0.5	6.00	1.97	1.44
0.6	4.16	1.80	1.35
0.7	3.48	1.67	1.27
0.8	3.08	1.57	1.21

Standard Sheet Sizes	
Maximum Width:	2100mm
Length:	6 & 7m (and CTS)
Thickness:	10mm

Nominal Sheet Weight:	1.7 kg/m ²
U-value	3.2 W/m ² °K
Mini Curve Radius	1500mm

SERVICE TEMPERATURE

For stable prolonged service ranging from -20°C to 100°C.

Fire Rating: Class 1Y

INSTALLATION

Make adequate allowance for thermal movement, nominally 3.5mm per metre. Holes drilled for fixings must be oversized. Sheet lengths must be limited to ensure there is no excessive movement at the end laps.

MAINTENANCE

In order to maintain this product in good condition it should be cleaned periodically using suitable detergent cleaning agents. Do not use solvent cleaners. Do not scrub with brushes or sharp implements. Avoid cleaning in hot sun or high temperatures.

WARRANTY

There is a 10 year limited warranty against loss of light transmission, yellowing and weather impact available with this product.