



marlon st[®]

LONGLIFE

16mm 'M' wall

MARLON ST is the multiwall polycarbonate sheet manufactured by Brett Martin. The sheet is characterised by high optical clarity, light transmission, impact resistance and durability. It is available in a range of standard sizes, clear and tinted. MARLON ST Longlife has a co-extruded UV protection layer on one side.

Colours:	Light Transmission:
	DIN 5036
Clear (S)	73%
Opal (V)	35%

*Non-standard colours are available subject to minimum order quantities.

Standard sheet sizes:	
Maximum Width:	1250mm
Length:	6 & 7 m (and as required)
Thickness:	16 mm

*Non-standard sizes are available subject to minimum order quantities.

Nominal Sheet Weight: 2.8 kg/m²
U-value: 2.2 W/m² °K

Service Temperature

MARLON ST can be installed in a diversity of applications, with varying temperatures. The material's mechanical performance is known to remain stable in prolonged service in temperatures ranging from -20 to +100 °C.

Installation

Applications of MARLON ST must make adequate allowance for thermal movement, nominally 3.5 mm per metre. The minimum curve radius for 16 mm Triplewall sheet is 12000 mm due to the high stresses that can be induced in the complex internal structure.

Fire Performance

The fire performance of MARLON ST 16 mm 'M' wall is currently undergoing independent testing. Please contact the technical department for the most up to date listing.