



# marlon st<sup>®</sup>

LONGLIFE

## 16mm Triplewall

**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
Bronze (B)	18%
Clear (S)	77%
Opal (V)	42%

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

Standard sheet sizes:	
Maximum Width:	2100mm
Length:	6 & 7 m (and as required)
Thickness:	16 mm

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

**Nominal Sheet Weight:** 2.7 kg/m<sup>2</sup>  
**U-value:** 2.4 W/m<sup>2</sup> °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 2800 mm.

### Fire Performance

The fire performance of MARLON ST 16 mm Triplewall has been independently tested. For the most up to date certifications please contact the Technical department.