



# marlon st

LONGLIFE

**10mm Fourwall**

**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.

### 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. 10mm multiwall sheet can be cold curved to a minimum of 1.75m.

### Fire Performance

For the most up to date certifications please contact the Technical department.

Colours:	Light Transmission:
	DIN 5036
Clear (S)	74%
Bronze (B)	30%
Opal (V)	34%

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

Sheet size:	
Width:	<1250mm ≥1250mm
Length:	<6m ≥6m (and as required)
Thickness:	10mm

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

**Nominal Sheet Weight:** 1.7kg/m<sup>2</sup>  
**U-value:** 2.5 W/m<sup>2</sup> °K