



# marlon st<sup>®</sup>

LONGLIFE

## 20mm Seven Xwall

**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.

**PROVISIONAL LIGHT TRANSMISSIONS**

Colours:	Light Transmission:
	DIN 5036
Clear (S)	62%
Opal (V)	28%
Bronze/Opal (B/TU)	8%
Heatguard/Opal (EG/TU)	7%

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

Standard sheet sizes:	
Maximum Width:	2100 mm
Length:	6 & 7m (and as required)
Thickness:	20 mm

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

**Nominal Sheet Weight:** 2.8 kg/m<sup>2</sup>  
**U-value:** 1.6 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. 20mm multiwall sheet is not recommended for curved applications.

**Fire Performance**

The fire performance of MARLON ST 20 mm Seven Xwall is being independently tested. For the most up to date certifications please contact the Technical department.