



# marlon st<sup>®</sup>

LONGLIFE

## 16 W-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.

### 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 16mm W-wall sheet is 3200 mm.

### Fire Performance

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

| Colours:         | Light Transmission: |
|------------------|---------------------|
|                  | DIN 5036            |
| Clear (S)        | 72%                 |
| Pearlescent (PW) | 68%                 |

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

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

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

**Nominal Sheet Weight:** 2.2 kg/m<sup>2</sup>  
**U-value:** 2.4 W/m<sup>2</sup> °K