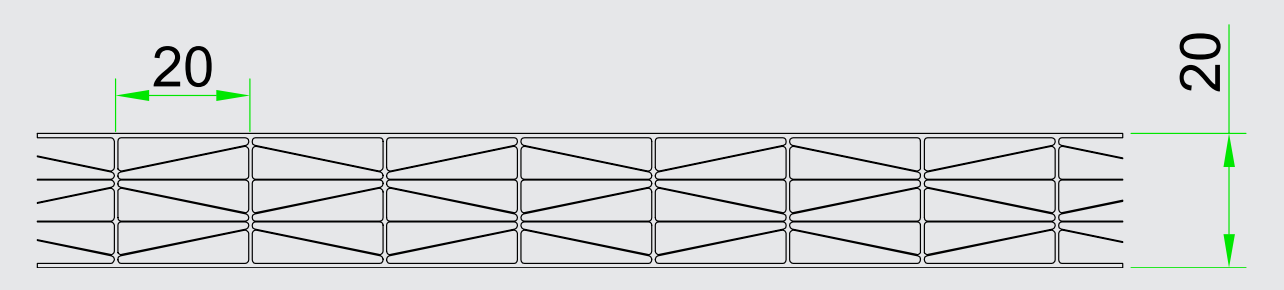
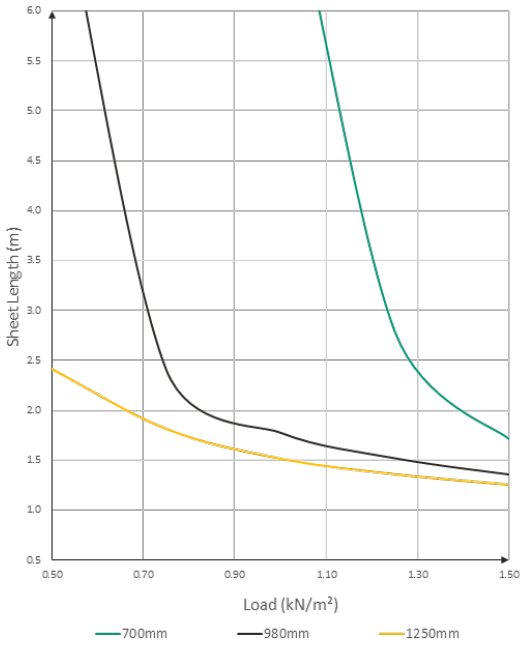
Marlon ST

Structured Sheet
Polycarbonate 20mm 7X-Wall 2.8kg/m²



Load (kN/m²)	Sheet Width 700mm	980mm	1250mm
0.50			2.42
0.75		2.41	1.82
1.00		1.78	1.51
1.25	2.79	1.52	1.36
1.50	1.71	1.36	1.25

Safe span figures are based on 20mm edge engagement plus a safety factor of 1.2.



Transmission		
Colour	Light	Solar
Clear (S)	62%	39%
Opal (V)	28%	43%

Non-standard colours and sheet sizes are available subject to minimum order quantities.

Product Characteristics		Tolerances
Width	2100mm	-0/ +8mm
Length	Up to 5m	-0/+10mm
	Over 5m	-0/+25mm
Thickness	20mm	+/- 0.5mm
Sheet Weight	2.8kg/m²	
U Value	1.60W/m²K	
Min Curve Radius	5.1m	

PLASTIC SHEETS

PLASTIC SHEETS

Brett Martin

brettmartin.com

This information is given in good faith & is believed by Brett Martin Ltd to be accurate & reliable. Since the use of this information is not within Brett Martins control, no warranty, expressed or implied is given. It is the users' responsibility to determine whether the product is appropriate for their purpose. Brett Martin Ltd. pursues a policy of continuous product development and reserves the right to amend specification without notice. Brett Martin Ltd., 24 Roughfort Road, Mallusk, Co. Antrim, N.Ireland, BT36 4RB.
Tel: +44 (0)28 9084 9999 Fax: +44 (0)28 9083 6666 E-mail: technical@brettmartin.com

Marlon ST

Structured Sheet
Polycarbonate 20mm 7X-Wall 2.8kg/m²

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 has a coextruded UV protection layer on one side.

Warranty
There is a limited warranty available for this product, a copy of which is available on request.

Quality
Manufactured under ISO 9001:2015 to EN 16153:2013+A1:2015.

Handling & Safety
Do not step directly on the rooflight. Use stepping boards. Work according to local safety regulations.

Storage
Store in a shaded place, protect from direct sunlight and rain prior to installation. Avoid covering the sheets with heat absorbing materials. Avoid contact with chemicals. Protect the sheets from physical damage. Pallets should be stacked no more than three pallets high.

Installation
Make adequate allowance for thermal movement, nominally 3.5mm per metre. Holes drilled for fixings must be oversized. Sheet lengths must be limited to ensure there is no excessive movement at the end laps.

Service Temperature
Marlon ST mechanical performance is known to remain stable for prolonged service in temperatures ranging from –20 to +100°C (Short term unstressed -40 to +130°C).

Maintenance
In order to maintain this product in good condition it should be cleaned periodically using suitable detergent cleaning agents. Do not use solvent cleaners. Do not scrub with brushes or sharp implements. Avoid cleaning in hot sun or high temperatures.

Recycling
Marlon ST is 100% recyclable and reusable if separated from other materials at the end of its life cycle - contact your local recycling centre for more information.

Additional Information
Separate datasheets are available; please contact the Technical Department for the most current information.

PLASTIC SHEETS

This information is given in good faith & is believed by Brett Martin Ltd to be accurate & reliable. Since the use of this information is not within Brett Martins control, no warranty, expressed or implied is given. It is the users' responsibility to determine whether the product is appropriate for their purpose. Brett Martin Ltd. pursues a policy of continuous product development and reserves the right to amend specification without notice. Brett Martin Ltd., 24 Roughfort Road, Mallusk, Co. Antrim, N.Ireland, BT36 4RB.
Tel: +44 (0)28 9084 9999 Fax: +44 (0)28 9083 6666 E-mail: technical@brettmartin.com