DECLARATION OF PERFORMANCE : (EU) No 305/2011
Structured Polycarbonate Sheet

Marlon ST, 10mm, Twin-wall, 1500g/m²
CE-PCMW-000013-21

1. **Marlon ST**
   PCMW-000013 - unique identification code of the product type

2. **Intended use or uses of the construction product, in accordance with the relevant harmonised technical specification, as foreseen by the manufacturer :**
   Light transmitting flat multiwall polycarbonate sheets for external and internal use in walls, roofs and ceilings of all building types.

3. **Name, registered trade name or registered trade mark and contact address of manufacturer as required pursuant to Article 11(5): Regulation (EU) No. 305/2011**
   Brett Martin Plastic Sheets,
   24 Roughfort Road, Newtownabbey, Co. Antrim, BT36 4RB, United Kingdom.

4. **Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2) ; Regulation (EU) 305/2011 :**
   Not relevant.

5. **Number of the applicable system of assessment and verification of constancy of performance of the product as set out in Annexe V ; Regulation (EU) 305/2011 :**
   System 3.

6. **In the case of a declaration of performance concerning a construction product covered by a harmonised standard:**
   Number of harmonised standard :
   EN16153:2013 +A1:2015
   Name and identification number of the notified body :
   #N/A

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7. Declared performance:

CE

1812

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EN16153:2013 +A1:2015

Light transmitting flat multiwall polycarbonate (PC) sheets for internal and external use in roofs, walls and ceilings – requirements and test methods.

Essential characteristics	Performance	Harmonised technical specification
External fire performance	F_{roof} (NPD)	EN 16153
Reaction to fire	B-s1,d0	
Resistance to fire	NPD	
Water vapour permeability	$3{,}8 \times 10^{-5}$ mg/m·h·Pa	
Water / air tightness	Pass	
Release of dangerous substances	NPD	
Dimensional tolerances	Pass	
Shatter properties (safe breakability) as:		
- Small hard body	Pass	
- Large soft body (assembly)	NPD	
Mechanical resistance	NPD	
Direct airborne sound insulation	NPD	
Thermal transmittance	3.2 W/m²K	
Resistance to fixings	Principles of fixing are available on the Brett Martin website.	
Durability, as variation (after ageing):		
- of yellowness index	(ΔA)	
- of light transmission	(ΔA)	
- of deformation flexural modulus	Cu 1	
- of tensile strength	Ku 1	

8. The performance of the products identified in points 1 and 2 is in conformity with the declared performance in point 7. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.

Signed for and on behalf of the manufacturer by :

Name: Stephen Keys

Function: Technical Service Manager

Place of Issue: Brett Martin Plastic Sheets

24 Roughfort Road, Newtownabbey, Co. Antrim, BT36 4RB, United Kingdom.

Date of Issue: 11 September 2025

Signature:

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