

Marlon FSX Longlife, UV-Protected Flat Sheet, 3mm Smooth

DECLARATION OF PERFORMANCE : (EU) No 305/2011 N° CE-PCFS-000113-01 -EN

- 1. Marlon FSX Longlife**
PCFS-000113 - 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 solid polycarbonate sheets for internal and external use in roofs, walls 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) 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 Annex 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 :
EN16240 : 2013
Name and identification number of the notified body :
Laboratoire National D'Essais - 0071

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7. Declared performance:

CE
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Brett Martin Plastic Sheets 24 Roughfort Road, Newtownabbey, Co Antrim, BT36 4RB, United Kingdom. 14
EN16240 : 2013 Light transmitting flat solid polycarbonate (PC) sheets for external and internal use in roofs, walls and ceilings – requirements and test methods.

Intended use	[EN16240:2013 Table ZA1.1]	Roof coverings for buildings
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Essential characteristics	Performance	Harmonised technical specification
Mechanical resistance	NPD	EN 16240
Reaction to fire	B-s1, d0	
External fire performance	E _{roof}	
Resistance to fire	NPD	
Water vapour permeability	3,8 x 10 ⁻⁵ mg/m·h·Pa	
Water / air tightness	Comply	
Release of dangerous substances	NPD	
Dimensional tolerances	Comply	
Small hard body impact resistance	Comply	
Large soft body impact resistance (assembly)	NPD	
Resistance to fixings	Principles of fixing are available on the Brett Martin website	
Direct airborne sound insulation	NPD	
Thermal Properties as:		
- Thermal transmittance	5.41 W/m²K	
Durability, as variation (after ageing):		
- of yellowness index	(ΔA)	
- of light transmission	(ΔA)	
- of flexural modulus and tensile strength	Cu 1 Ku1	

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EN16240 : 2013

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Intended use	[EN16240:2013 Table ZA1.2]	External wall and ceiling finishes
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Essential characteristics	Performance	Harmonised technical specification
Reaction to fire	B-s1, d0	EN 16240
Water vapour permeability	$3,8 \times 10^{-5}$ mg/m-h-Pa	
Water / air tightness	Comply	
Release of dangerous substances	NPD	
Shatter properties (safe breakability) as:		
- Small hard body impact resistance	Comply	
Flexural / tensile strength, as:		
- Flexural modulus	Mean value $\geq 2,200$ MPa Characteristic value $\geq 2,000$ MPa	
- Tensile strength at yield	Mean value ≥ 60 MPa Characteristic value ≥ 55 MPa	
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 flexural modulus and tensile strength	Cu 1 Ku1	

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Intended use	[EN16240:2013 Table ZA1.3]	Internal wall and ceiling finishes
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Essential characteristics	Performance	Harmonised technical specification
Reaction to fire	B-s1, d0	EN 16240
Water vapour permeability	$3,8 \times 10^{-5} \text{mg/m}\cdot\text{h}\cdot\text{Pa}$	
Water / air tightness	Pass	
Release of dangerous substances	NPD	
Shatter properties (safe breakability), as:		
- Small hard body impact resistance	Pass	
Resistance to fixings	Principles of fixing are available on the Brett Martin website	
Durability, as variation (after ageing):		
- impact resistance	Comply	

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: Michael Johnston
Function: Technical Services Manager
Place of Issue: Brett Martin Plastic Sheets
 24 Roughfort Road, Newtownabbey, Co.
 Antrim, BT36 4RB,
 United Kingdom.

Date of Issue: May 2019

Signature: 

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