Brett Martin

Introducing...

Marlon BioPlus

A new generation of sustainable Polycarbonate Sheet

Marlon BioPlus

Next level sustainability, available now

Marlon BioPlus is a quantum step forward towards carbon neutral Polycarbonate sheet.

By switching from fossil based PC to resins certified as being produced from 71% bio-circular attributed material via mass balancing, we can offer Polycarbonate sheets with dramatically reduced impact on the environment.

The use of renewable energy reduces carbon emissions by 84% during resin production and the sheet is also produced with 100% renewable energy.

ISCC PLUS certified Bio-Circular attributed resin

71%

Replacement of fossil based raw material*

100%

Renewable energy used in sheet production

*See datasheets for details

Marlon BioPlus

Mass balancing explained

Mass Balancing is the plastic industry's innovative approach to deliver the next level of renewable resins.

It overcomes the practical production barriers to the substitution of fossil resources with bio-based recycled materials, e.g. used cooking oil, and accelerates the reduction in carbon emissions.

Mass balancing introduces measured amounts of bio-based materials early in the resin production process and allocates exactly the same amount to the finished resin. This allocation carries through to the Marlon sheet, which is identified and sold as a bio-circular attributed product.

Certified Sustainability
Each order of Marlon Bioplus is covered by our **ISCC plus certification** to confirm that the bio based material has been sourced sustainably and allocated via our mass balancing system.

ISCC
International Sustainability & Carbon Certification

Feedstock		Resin		Sheet
100t Recycled bio material	=	**100t** Bio-circular attributed resin	=	**100t** Bio-circular attributed Marlon BioPlus sheet
+		+		+
900t Fossil material		**900t** Standard resin		**900t** Standard Marlon sheet

BIO PLUS RANGE

Marlon BioPlus options are available across the Marlon Polycarbonate sheet range.

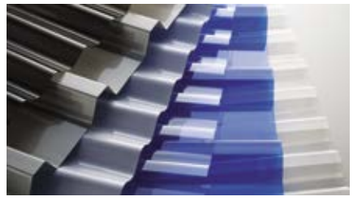
Contact Brett Martin for availability and order requirements.

Marlon CS BioPlus

Corrugated polycarbonate sheet, available in a range of profiles, combining strength, impact resistance and excellent optical properties.

TYPICAL APPLICATIONS

- Rooflights
- Sidelights
- Vertical glazing
- Composite rooflights

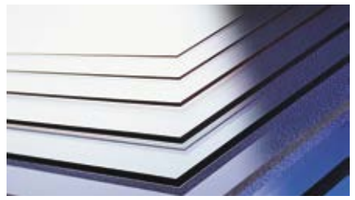


Marlon FS BioPlus

Flat polycarbonate sheet, 200 stronger but less than half the weight of glass with high light transmission and optical clarity.

TYPICAL APPLICATIONS

- Internal & external vertical glazing
- Safety & protective glazing
- Canopies, walkways & shelters
- Signage

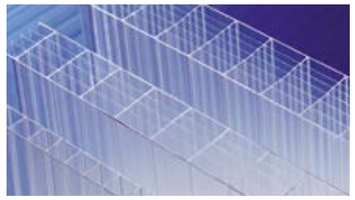


Marlon ST BioPlus

Multiwall polycarbonate sheet available in a range of lightweight, strong and insulating thicknesses and structures.

TYPICAL APPLICATIONS

- Rooflights
- Vertical glazing
- Canopies & walkways
- Conservatories & greenhouses

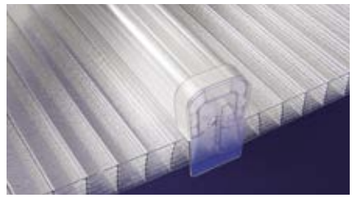


Marlon Clickfix BioPlus | Marlon Toploc BioPlus

Modular polycarbonate panel glazing systems for the complete architectural glazing solution.

TYPICAL APPLICATIONS

- Vertical facades
- Rooflights
- Canopies



CERTIFICATION

Each pallet of Marlon BioPlus sheet will be identified by BioPlus labelling and a Sustainability Declaration according to our ICSS PLUS certification will be issued for the sheets, confirming the bio circular content attributed via mass balancing.

ISCC International Sustainability & Carbon Certification

Brett Martin

ISCC

Sustainability Declaration According to ISCC PLUS

BM-QA-SUS-001 Rev 0 Date Approved 04/07/2022 | Approved by S.Murphy

Unique number of Sustainability Declaration

Date of Issuance

SUPPLIER	RECIPIENT
Name: Brett Martin Ltd	Name:
Address: 24 Roughfort Road	Address:
Newtownabbey	
BT36 4RB	
Certificate No: ISCC-PLUS-Cert-LV227-00000039	Contract Number:

1. GENERAL INFORMATION

Type of Product:

Product Name:

Raw material category: ☐ Circular ☐ Bio-Circular ☐ Bio ☐ Renewable

Recycling operation: ☐ Chemical ☐ Mechanical ☐ Not Applicable

Mandatory for circular materials: ☐ Post-Consumer ☐ Pre-Consumer ☐ Mixed/Unspecified

Raw material type (optional):

Sustainable share*:

*Molecular mass fraction of atoms in product molecule based on sustainable raw material

Country of origin (of raw material, optional):

Quantity: ☐ kg ☐ m²

2. CHAIN OF CUSTODY

Chain of custody option: ☐ Mass Balance ☐ Physical Segregation

Mass balance option:

Multi-site credit transfer: ☐ Yes ☐ No

3. SUSTAINABILITY CRITERIA

☐ The raw material (circular/bio-circular) meets the definition of wastes or residues, i.e. was not intentionally produced and modified, or contaminated, or discarded, to meet the definition of waste or residues (applicable to waste and residues and products produced)

☐ The raw material (bio) complies with the sustainability criteria according to the ISCC requirements as laid down in ISCC System Document(s) 202 "Sustainability Requirements".

☐ ISCC compliant

ISCC PLUS

Our ISCC PLUS certification can be viewed online at **www.iscc-system.org**

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