



# Marlon

# **BioPlus**

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A new generation of sustainable  
Polycarbonate Sheet

# Next level sustainability, available now



Specify the Marlon BioPlus option to reduce the embodied carbon in your project.

By switching from fossil based PC to resins certified as being produced from 89% bio-circular attributed material via mass balancing, we can offer Polycarbonate sheets with dramatically reduced impact on the environment.

The effect of using climate neutral resins in sheet manufactured with 100% renewable energy significantly reduces the embodied carbon associated with these sheets.



ISCC PLUS certified.  
Climate neutral, bio-circular attributed resin.

89%

Replacement of fossil based raw material.\*

100%

Renewable energy in resin and sheet production.

# 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.



### Feedstock

**100t**  
Recycled  
bio material

+

**900t**  
Fossil material

=

### Resin

**100t**  
Bio-circular  
attributed resin

+

**900t**  
Standard resin

=

### Sheet

**100t**  
Bio-circular attributed  
Marlon BioPlus sheet

+

**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

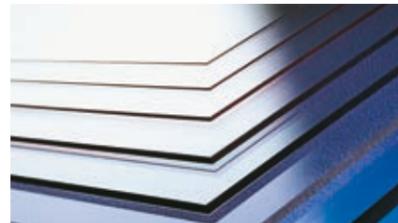


### Marlon FS BioPlus

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

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

#### TYPICAL APPLICATIONS

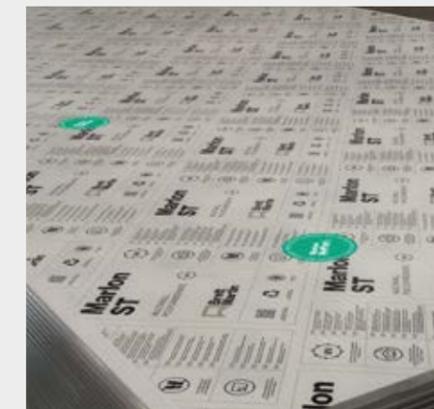
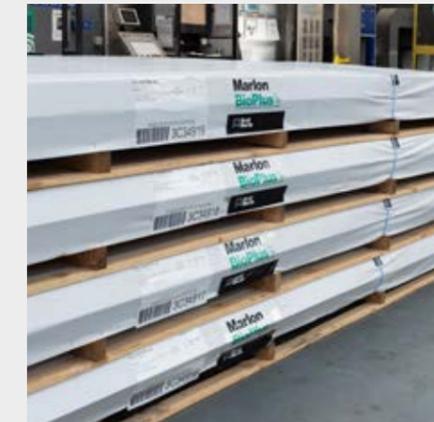
- Vertical facades
- Rooflights
- Canopies



### Marlon Toploc BioPlus

## 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.






### Sustainability Declaration According to ISCC PLUS

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

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Unique number of Sustainability Declaration: \_\_\_\_\_  
Date of Issuance: \_\_\_\_\_

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

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#### 1. GENERAL INFORMATION

Type of Product: \_\_\_\_\_  
Product Name: \_\_\_\_\_

Raw material category:  Circle  Bio-Circle  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  m<sup>2</sup>

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#### 2. CHAIN OF CUSTODY

Chain of custody option:  Mass Balance  Physical Segregation

Mass balance option: \_\_\_\_\_  
Multi-site credit transfer:  Yes  No

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#### 3. SUSTAINABILITY CRITERIA

The raw material (circulation-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](http://www.iscc-system.org)

## Head Office & Global Sales

Brett Martin Ltd  
24 Roughfort Road  
Newtownabbey, Co. Antrim  
Northern Ireland, BT36 4RB

2429/0623

t: +44 (0) 28 9084 9999  
f: +44 (0) 28 9083 6666  
e: [technical@brettmartin.com](mailto:technical@brettmartin.com)  
[commercial@brettmartin.com](mailto:commercial@brettmartin.com)

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For the latest information visit  
**[brettmartin.com](http://brettmartin.com)**



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