

Foamalux Light Bio

A new generation of sustainable Foam PVC Sheet





Choosethe new sustainable Foam PVC option

Foamalux Light Bio represents an important shift in sustainable PVC sheet manufacturing. A lower carbon alternative to traditional foam substrates.

Foamalux Light Bio is produced with 25% bio-attributed PVC derived wood based residue via mass balancing. Alongside our 100% renewable energy allocated to production, Foamalux Light Bio represents a 20% carbon footprint reduction.



Bio-attributed PVC

Bio-attributed material used in production

Brett Martin



25% | 100%

Renewable energy used in sheet production



Reduction in carbon footprint



Growing demand for low carbon PVC

As Brett Martin continues to evolve towards carbon neutrality it's increasingly important that we invest in innovative methods for manufacturing low carbon plastic products.

Our approach overcomes production barriers and accelerates the reduction in carbon emissions by using bio-sourced material derived from wood based residue.

Mass balancing is then used to incorporate precise measurements of bio-attributed material in the earliest stage of production. This ensures that the same amount of bio-attributed material is allocated to the finished polymer, and carries through to the Foamalux Light Bio sheet. Certified Sustainability Each order of Foamalux Light Bio is covered by our ISCC plus certification to confirm that the bioattributed material has been sourced sustainably and allocated via mass balancing system.







Make a sustainable choice for your substrates

Foamalux Light Bio is made using 25% bio-attributed PVC derived from wood based residue, tall oil from the sustainable forestry industry, achieving a 20% reduction in carbon emissions.

Tall oil is a residue of the the pulp making process for paper manufacturing. It's removal is essential and it can therefore be redistributed into the creation of bio-attributed PVC.





Sustainability explained

The drive for sustainability in plastics is driven by a process called "mass balancing" which enables the increasing use of non-fossil, bio-based feed stocks in the production of polymers.

Foamalux **Light** Bio

25% bio - attributed PVC

BIO

PVC

100% **ENERGY**

SUSTAINABLE FORESTS

Sustainable forests are non-competitive with food production.

PULPING PROCESS

> Tall oil is a by-product of wood pulping and is used to produce bio-PVC

CONVENTIONAL PVC

75% conventional PVC

20% REDUCED CARBON FOOTPRINT

RENEWABLE

100% renewable energy is attributed to the Foamalux Light **Bio production**

MASS BALANCING

Brett Martin mass balanced extrusion certified by ISSC plus



Foamalux Light Bio

A sustainable solution for digital printing

Practical, versatile and ISSC plus certified Foamalux Light Bio allows printers, routers and finishers to make more sustainable choices without compromising on quality.

With a 20% reduction in carbon footprint, it's bright white colour combined with a flat even surface optimises print quality and clarity for optimum results every time. Lighter and easier to handle Foamalux Light Bio can be easily cut, routered and finished. A perfect, sustainable solution for all signage and display applications.

Sheet Size (mm)	Thickness (mm)
1220 x 2440	2, 3, 4, 5, 6, 8 & 10
1560 x 3050	2, 3, 4, 5, 6, 8 & 10
2050 x 3050	2, 3, 4, 5, 6, 8 & 10

Applications

Signage, Digital and screen printing, Vinyl application, POS and 3D displays, Shop fitting, Exhibition stands, Fabrication, Pet and animal enclosures



Lighter weight for easy handling

Optimised for direct digital and screen printing

Good opacity even at thinner gauges

Bright white colour formulation

Flat smooth printing surface

Suitable for vinyl application

Suitable for fabrication, cutting and routering

Easy to clean

Indoor or short term outdoor use

100% recyclable

Made with 25% bio - attributed resin

Manufactured with 100% renewable energy

20% carbon footprint reduction



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