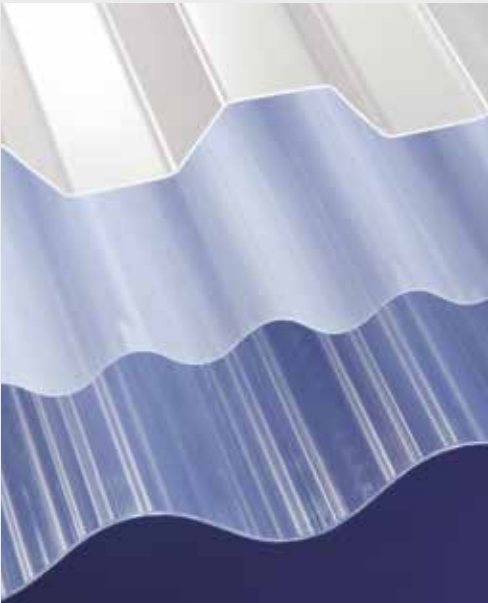# Brett Martin

Plastic Sheet Range

Products that perform

Welcome

We are a privately owned World Class, highly successful industry leader and manufacturer of specialist plastic products for construction, fabrication, print and display sectors.

For over sixty years we have been responsibly innovating and developing product ranges that deliver solutions worldwide. Across diverse applications and industry sectors, our products are proving their brilliance and their capability.
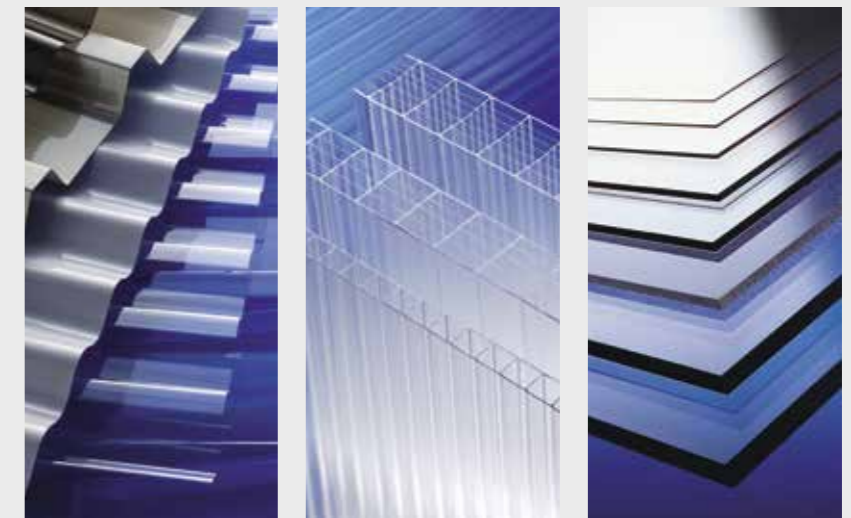
Contents

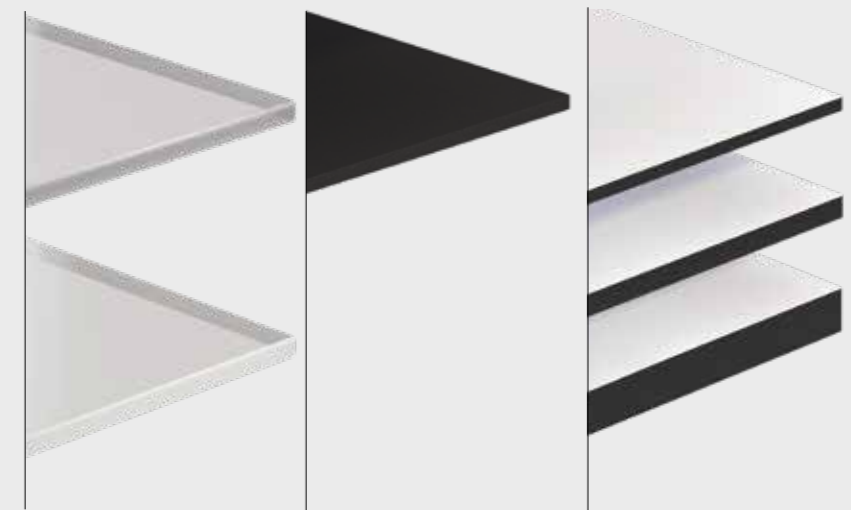## Brett Martin

What's New?

NEW

Marlon BioPlus

Marlon BioPlus is a quantum step towards carbon neutral polycarbonate sheet. Made with 71% bio-circular attributed resin, this is a new option available across the entire Marlon product range.

Eco Range

Our Eco Range comprises of four semi-finished flat sheet products each containing post-production regrind. Choose from our eco range of acrylic and PETg transparent flat or our eco range of foam PVC.

Marpet-g FS Eco **Marcryl FS** Eco

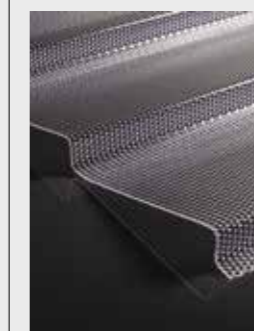**Foamalux** Eco **Foamalux** Xtra

New Options in Roofing

Our new options in roofing products include Marlon CS Ztop canopy glazing, the new Marlon Toploc Mullion System for a flush surface finish and the Marlon Instalite E40 extruded trapezoidal polycarbonate rooflight.

Marlon CS Ztop
Polycarbonate Canopy Glazing.

Marlon Toploc
New mullion installation system for a flush surface finish.

Marlon Instalite E40
Polycarbonate trapezoidal extruded panel.

Our Sustainable Future

At Brett Martin we are committed to a lower carbon future.

We are at the forefront of the drive to reduce embodied carbon through efficient manufacturing and the lowering of operational carbon in buildings through the design of energy saving roofing products.

Our policy to Reduce, Reuse and Recycle is lessening our impact on the environment with innovative investments in renewable energy, recycled resources and bio-based materials, across our business.

Partnering with Brett Martin is an effective way to introduce intelligent carbon solutions to your next development project.

Brett Martin HQ
Mallusk, Co. Antrim

PlanetMark

Our membership of Planet Mark's Net Zero Programme represents the way we measure and reduce our carbon use as we work to build a sustainable brighter future for us and our planet.

Our dedicated 6.42 MWp solar farm provides clean energy and saves 900 tonnes of CO_2 each year.

Our 2.3MWp wind turbine towers 99.5m above our site and saves 832 tonnes of CO_2 each year.

Our Marlon BioPlus polycarbonate is manufactured from 71% bio-circular attributed resin and is produced with 100% renewable energy.
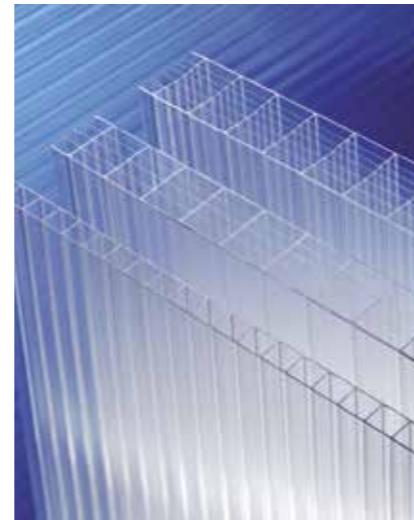
Our Products

MULTIWALL SHEET

Multiwall Polycarbonate
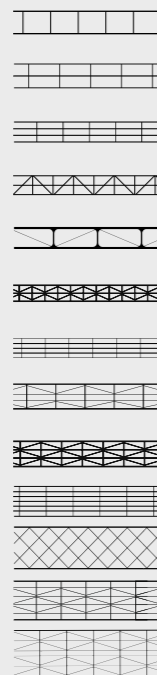Polycarbonate

Marlon ST

Marlon ST is a lightweight roofing, cladding and glazing material with exceptional insulating properties and high impact resistance. Combining the option of co-extruded UV protection this is a weatherable and durable solution for the most challenging of applications.

- Thermally insulating
- Light in weight
- High optical clarity
- Damage and impact resistant
- Co-extruded UV protection
- Excellent fire performance

RANGE

Twinwall: 4, 6, 8, 10 & 30mm

Triplewall: 16mm

Fourwall: 8, 10mm

M Wall: 16mm

16 x 32mm M Wall: 16mm

X Wall: 16mm

Fivewall: 16, 25mm

Sixwall: 10mm

7X Wall: 20, 25mm

Sevenwall: 16, 32, 35mm

XXwall: 32, 35mm

Ninewall: 32mm

Tenwall: 35, 40, 55mm

COLOURS
Standard: Clear, Pearlescent, Bronze, Opal
Dual: Bronze/Opal, Heatguard/Opal
Solar: IR Blue, Solar Gold, Heatguard
Opaque Reflective: White/Black/White

OPTIONS
Dual sided UV protection / Anti-drip

POLYCARBONATE PROFILES
H Profile 4mm-16mm

U Profile 4mm-16mm

Cap & Base 6mm-10mm

Available in
Marlon BioPlus

MULTIWALL SYSTEMS

Polycarbonate Panel Glazing (Interlocking)
Polycarbonate

Marlon Clickfix

Marlon Clickfix is a complete architectural glazing system comprising 40mm 10wall interlocking modular polycarbonate panels. The panels are thermally insulating with a U-value of 0.99 and ideal for creating dramatic seamless vertical facades.

- 40mm 10wall interlocking panels
- Simple click and fix installation
- Create seamless vertical facades up to 12 metres high
- U-value 0.99W/m²K
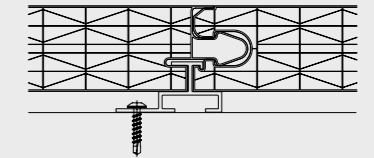- Superb spanning capabilities
- Co-extruded UV protection

RANGE
Tenwall 40mm
Dimensions: 500mm wide

COLOURS
Standard Colours: Clear (g*)
Specials: Available on request

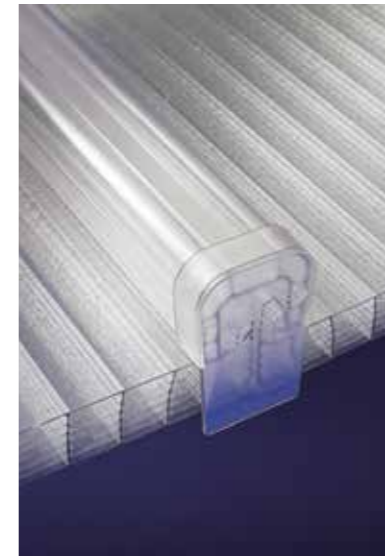### INTERLOCK DETAIL

Available in
Marlon BioPlus

Polycarbonate Panel Glazing (Upright Connection)
Polycarbonate

Marlon Toploc

Marlon Toploc is a versatile panel glazing system comprising multiwall panels extruded with an upright connection profile. Install with a standing seam or flush surface finish in vertical facades, rooflights and canopies.

- Multiwall panels with upright connecting profile
- Highly versatile system can be installed in a number of configurations
- Suitable for cold curving
- Thermally insulating
- Reversable system, install for seamed or flat surface finish
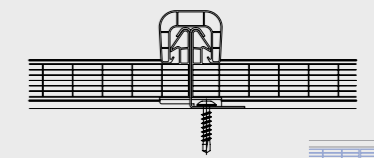- Dual sided UV protection

RANGE
8mm 4wall, 10mm 4wall, 16mm 7wall
Dimensions: 600mm wide

COLOURS
Standard Colours: Clear (g*)
Specials: Available on request

INTERLOCK DETAIL

Available in
Marlon BioPlus

Easy-fit Polycarbonate Roofing Panel
Polycarbonate

Marlon Clickloc

Marlon Clickloc is an easy-fit roofing panel which provides the ideal DIY roofing solution for Verandas, Canopies or Car Ports. Requiring no glazing bars, the easy-fit panels simply click and lock together to provide an instant roof.

- 16mm Xwall interlocking panels
- Simple click and lock installation
- No glazing bars required
- Install with standard DIY tools
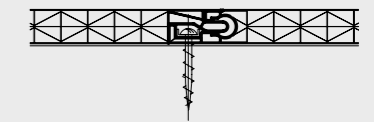- Complete DIY roofing solution
- Co-extruded UV protection

RANGE
Xwall 16mm
Dimensions: 500mm wide

COLOURS
Standard Colours: Clear (g*)
Specials: Available on request
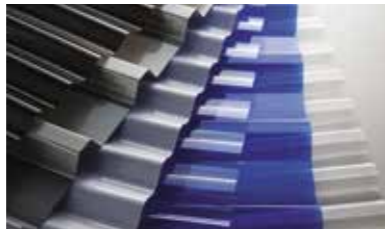
INTERLOCK DETAIL

Available in
Marlon BioPlus

Corrugated Polycarbonate
Polycarbonate

Marlon CS

Engineered for use in rooflight and side-light applications, this high performance rooflight material combines strength and impact resistance with high optical clarity and light transmission.

- Strength and impact resistance
- Weather resistance
- Light transmission up to 90%
- Co-extruded UV protection
- Chemical resistance
- Anti-drip option
- Extensive profile range

RANGE
Thickness: 0.8mm-2.8mm
Profiles: Industrial, Agricultural, Horticultural, Stadia, DIY

COLOURS
Standard Colours: Clear, Bronze, Opal, Heatguard, Opal Diffuser
Specials: Available on request

FINISH
Smooth, Embossed, Diamond Embossed

OPTIONS
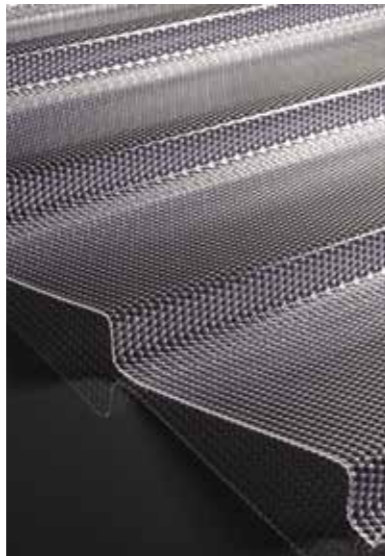Dual sided UV protection, Anti-drip

Available in
Marlon BioPlus

Canopy Glazing Sheet
Polycarbonate

Marlon CS Ztop

Designed to be installed horizontally across the roof structure for quick and easy canopy glazing. This diamond embossed corrugated polycarbonate sheet is ideal for creating stylish and contemporary canopies and can be used to refit onto structures which previously had a tiled roof.

- Unique tile like profile
- Install horizontally
- Superior impact resistance
- Light in weight
- High levels of light transmission
- Co-extruded UV protection

RANGE
Thickness: 2.8mm
Profiles: PX2030

COLOURS
Standard Colours: Clear, Bronze, Grey

FINISH
Diamond embossed

OPTIONS
Dual sided

Available in
Marlon BioPlus

NEW

Trapezoidal Polycarbonate Rooflights
Polycarbonate FAIR

Marlon Instalite

Thermally efficient trapezoidal polycarbonate rooflights. Seamlessly integrate with composite panel roofing systems in wide span metal frame building applications.

- Thermally insulating
- Excellent quality natural light
- Compatible with standard composite roof panels
- Achieves non-fragility and fire performance requirements
- Rapid fit and fix installation
- Co-extruded UV protection

RANGE

NEW

Marlon Instalite E40
Extruded panel
Thickness: 40mm

Marlon Instalite A30-200
Fully factory assembled rooflight
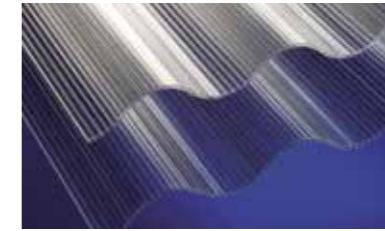Thicknesses: 30-200mm

Available in
Marlon BioPlus

Corrugated Multiwall Polycarbonate
Polycarbonate

Marlon CST

Marlon CST combines the durability and impact resistance of corrugated polycarbonate sheet with the added insulation of a multiwall structure.

- High light transmission
- Damage and impact resistant
- Thermally insulating
- Lightweight and easy to handle
- Weatherable and UV resistant
- Excellent fire performance

RANGE
Profiles:
177/51 6mm Triplewall
Big 6 6mm Triplewall
Iron 2.5mm Twinwall

COLOURS
Standard Colours: Clear, Clear (g*), Pearlescent, Heatguard
Specials: Available on request

OPTIONS
Dual Sided UV Protection
Finishing: Mitred Corners,

Available in
Marlon BioPlus

Corrugated PVC
PVC

Marvec CS

A range of quality corrugated PVC sheets offering superior weather resistance, exceptional light transmission, fire performance and excellent durability.

- UV protection
- Low maintenance
- Excellent fire performance
- High optical clarity
- Strong and durable
- Economical

RANGE
Thickness: 0.7mm-2.5mm
Profiles: wide and growing profile range

COLOURS
Standard Colours: Clear, Bronze, Opal
Specials: Available on request

FINISH
Smooth, Embossed, Diamond Embossed

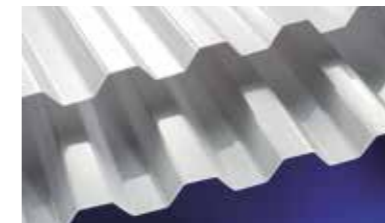## Agricultural PVC Liner
PVC

Marvec CS Agri

A chemically resistant and durable covering for the interior walls and ceilings of agricultural buildings.

- Weatherable and durable
- Lightweight and easy to handle
- Low maintenance
- Chemical resistance
- Corrosion free
- Excellent fire performance
- Economical

RANGE
Thickness: 0.7mm-1.3mm

COLOURS
Standard Colours:
White, Light Grey, Mushroom

Polycarbonate Flat Sheet

Polycarbonate

Marlon FS

A superior solution for secondary fabrication or internal applications, particularly when strength and impact resistance is of vital performance

- High impact resistance
- Design flexibility
- Suitable for thermoforming and cold curving
- Light in weight
- Optically clear with high light transmission
- Excellent fire performance

RANGE
Thickness: 0.5, 0.75, 1, 1.5, 2, 3, 4, 5, 6, 8, 10, 12 & 15mm
Sheet Sizes: Widths up to 2050mm

COLOURS
Standard Colours: Clear, Opal, Bronze
Specials: Available on request

FINISH
Gloss, Embossed

OPTIONS
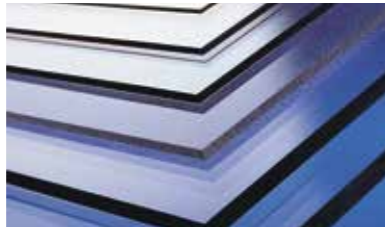Strong Adhesion Film

Available in
Marlon BioPlus

UV Protected Polycarbonate Flat Sheet

Polycarbonate

Marlon FSX

Marlon FSX features dual sided UV protection which prevents 98% of damaging UV radiation from penetrating the sheet in glazing applications.

- Weatherable and UV resistant
- Half the weight of glass
- High impact resistance
- High natural light transmission
- Suitable for cold curving
- Lightweight and easy to handle
- Excellent fire performance

RANGE
Thickness: 2, 3, 4, 5, 6, 8, 10, 12 & 15mm

COLOURS
Clear, Opal, Bronze

FINISH
Gloss, Embossed

OPTIONS
Single sided UV protection Strong Adhesion Film
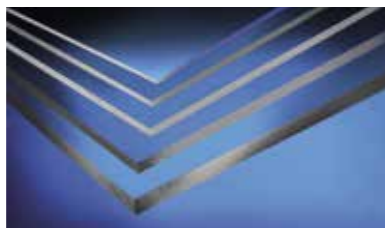
Available in
Marlon BioPlus

Abrasion Resistant Polycarbonate Flat Sheet

Polycarbonate

Marlon FS Hard

Marlon FS Hard with advanced abrasion resistance against marks, scratches, vandalism and graffiti is ideal for the toughest glazing environments.

- Advanced abrasion resistance
- Enhanced chemical resistance
- Protection against vandalism and graffiti
- High impact resistance
- Double sided UV protection as standard

RANGE
Thicknesses: 3, 4, 5, 6, 8, 10, 12 & 15mm
Sheet sizes: Widths up to 2000mm

COLOURS
Standard Colours: Clear
Specials: Available on request

FINISH
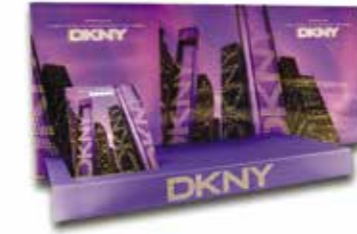Gloss

Available in
Marlon BioPlus

Brett Martin

PETg Flat Sheet

PETg

Marpet-g FS

Ease of workability and thermoformability at low temperatures with no pre-drying make Marpet-g FS PETg a popular choice for fabrication, print and display applications.

- Excellent thermoforming properties
- Easily machined and fabricated
- Easy to digitally print
- Optically clear and transparent
- Superior chemical resistance
- Suitable for POS, print and display
- Suitable for prosthetic applications
- Fire performance

RANGE
Thickness: 0.5, 0.75, 1, 1.5, 2, 3, 4, 5, 6, 8, 10, 12 & 15mm
Sheet sizes: Widths up to 2050mm

COLOURS
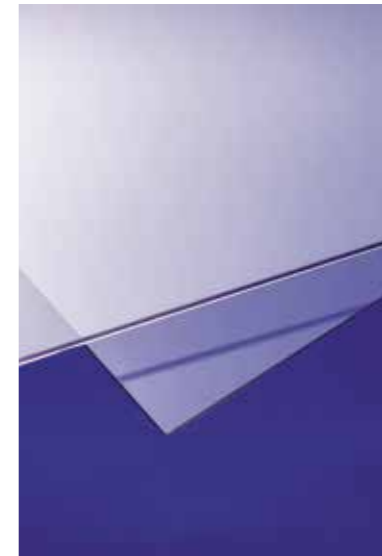Standard Colours: Clear
Specials: Available on request

Reclaimed PETg Flat Sheet

PETg

Marpet-g FS Eco

Marpet-g FS Eco is an environmentally friendly clear copolyester PET sheet made with at least 50% PETg regrind, thus reducing the amount of PETg that goes to landfill. The regrind is produced on-site under closely monitored conditions to ensure consistent quality.

- Contains at least 50% PETg regrind
- Can be processed in the same way as standard Marpet-g FS
- Excellent thermoforming properties - no pre-drying required
- Easily machined and fabricated
- Suitable for digital and screen printing
- Durable and chemically resistant
- Fire performance

RANGE
Thickness: 0.5, 0.75, 1, 1.5, 2 & 3mm
Sheet Sizes: Widths up to 2050mm

COLOURS
Standard Colours: Clear

*Please note the Eco product is available in limited quantities only.

NEW

aPET Flat Sheet

aPET

Marpet-a FS

Clarity, strength, chemical resistance and its ability to cost effectively machine and cold bend lends Marpet-a FS particularly well to fabrication of items for the visual communications sector.

- High optical grade material
- Good scratch and scuff resistance
- Suitable for cold bending
- Temperature range -20°C to + 60°C

RANGE
Thickness: 0.5, 0.75, 1, 1.5 & 2mm
Sheet sizes: Widths up to 1250mm

COLOURS
Standard Colours: Clear

OPTIONS
Anti-reflective surface

Acrylic Flat Sheet
Acrylic

Marcryl FS

Marcryl FS is a quality extruded acrylic sheet with high gloss finish, good optical clarity and excellent weatherability.

- Glass-like optical clarity
- Easily fabricated
- Suitable for thermoforming
- Outstanding weatherability
- Ability to flame polish edges

RANGE
Thickness: 2, 3, 4, 5, 6, 8 & 10mm
Sheet sizes: widths up to 2050mm

COLOURS
Standard Colours: Clear, Opal
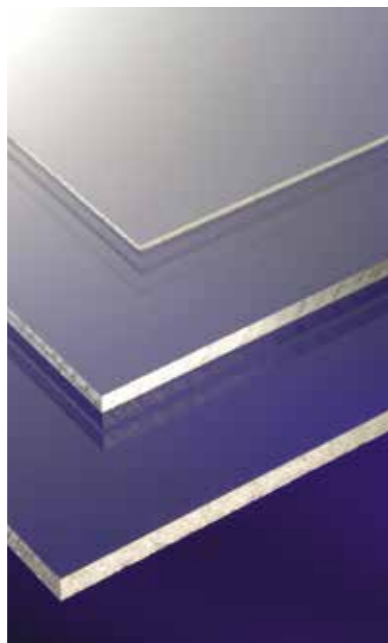Specials: Silica Green

FINISH
Gloss

Reclaimed Acrylic Flat Sheet
Acrylic

Marcryl FS Eco

Marcryl FS Eco is a flat extruded acrylic sheet made with at least 50% regrind. Perfect for DIY applications, this product reduces the amount of acrylic that goes to landfill. The regrind is produced on-site under closely monitored conditions to ensure consistent quality. Marcryl FS Eco can be processed like our standard Marcryl FS product.

- Contains at least 50% acrylic regrind
- Easily fabricated and edge polished
- Glass-like light transmission
- Weight savings over glass
- Good scratch resistance – polishing removes scratches easily
- Suitable for thermoforming
- UV resistant and outstanding weatherability

RANGE
Thickness: 1.9 & 3.8mm
Sheet size: Widths up to 2050mm

COLOURS
Standard Colours: Clear

*Please note the Eco product is available in limited quantities only.

NEW

PVC Cladding
PVC

Marvec FS

Excellent resistance to flame and chemical environments, Marvec FS is ideal for a wide range of indoor applications, such as glazing for the clear product and cladding for the opaque product.

- Low maintenance
- Chemical resistance
- Lightweight
- Corrosion free
- Economical

RANGE
Thickness: 1 & 3mm
Sheet sizes: Widths up to 1220mm

STANDARD COLOURS
Clear, Opaque White
Specials available on request

FINISH
Gloss - Clear
Satin - White
Embossed - White

ACCESSORIES
White accessories available

Gloss PVC Cladding
PVC

Marvec FS Ultra

A durable rigid foam PVC flat sheet with a premium high gloss PVC finish suitable for a range of interior cladding applications.

- Premium gloss surface
- Lightweight and easy to handle
- Low maintenance
- Chemical resistance
- Impact resistance
- Excellent fire performance

RANGE
Thickness: 3mm & 5mm
Sheet sizes: Widths up to 1220mm

COLOURS
Standard Colours: White
Specials: Available on request

Hygienic PVC Cladding
PVC

Marvec FS AM

The anti-microbial active ingredient in Marvec FS AM cladding and accessories provides dual biostatic and biocidal action which stops bacterial growth and kills the bacteria on the sheet.

- Safe active ingredient
- Anti-Microbial Efficacy tested to ISO 22196
- Chemical resistance
- Excellent fire performance
- Easily bonded
- Easy to install and maintain

RANGE
Thickness: 1mm & 3mm
Sheet sizes: Widths up to 1220mm

STANDARD COLOURS
Standard Colours: White
Specials: Available on request

FINISH
Satin, Embossed

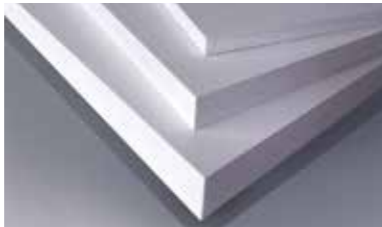**ACCESSORIES**
Matching anti-microbial accessories available

Foam PVC Construction Board
Foam PVC

Foamalux
Calibre

Combining an exceptionally light weight core with a hard flat durable surface, Foamalux Calibre is a superb all round PVC board which provides a cost effective alternative to traditional wood based construction materials.

- Dimensional stability
- Strong and durable rigid board
- Premium silky smooth hard surface
- Suitable for internal and external use
- Extremely lightweight and easy to handle
- Resistant to moisture, mould, chemicals, insects and pests

RANGE
Thickness: 10, 19, 24, 30mm
Sheet sizes: Widths up to 1220mm

COLOURS
Standard Colours: White

Bright White Foam PVC
Foam PVC

Foamalux
White

Foamalux White is a premium foam PVC sheet with a harder bright white surface. Its higher density provides greater stiffness for cutting, routing and finishing processes, particularly in signage and fabrication applications.

- Bright white colour formulation
- Consistent surface
- Hard flat rigid sheet
- Easily fabricated, cut and routered
- Direct to print
- Fire performance

RANGE
Thickness: 1, 2, 3, 4, 5, 6, 8, 10, 13, 19 & 24mm
Sheet sizes: Widths up to 2050mm

COLOURS
Standard Colours: White

Digital Print Foam PVC
Foam PVC

Foamalux
Light

Foamalux Light provides the ultimate surface for printing. Its bright white colour combined with a flat even surface optimises print quality and clarity for outstanding results.

- Lighter weight for easy handling
- UV stable colour formulation
- Outstanding print quality
- Flat even printing surface
- Direct to print
- Fire performance

RANGE
Thickness: 2, 3, 4, 5, 6, 8 & 10mm
Sheet sizes: Widths up to 2050mm

COLOURS
Standard Colours: White

Coloured Foam PVC
Foam PVC

Foamalux
Colour

Available in a range of vibrant colours, Foamalux Colour provides the ultimate palette available for sign, print and display.

- Consistent surface
- Vibrant colours
- Direct to print
- Quality vinyl adhesion
- Easily fabricated, cut and routered
- Fire performance

RANGE
Thickness: 3mm & 5mm
Sheet sizes: Widths up to 2050mm

COLOURS
Red, yellow, green, blue, grey and black

Gloss Foam PVC
Foam PVC

Foamalux
Ultra

Foamalux Ultra is a strong and durable rigid foam PVC sheet with a high gloss finish, giving it a high end appeal.

- Quality gloss surface
- Vibrant colours
- Direct to print
- Quality vinyl adhesion
- Easily fabricated, cut and routered

RANGE
Thickness: 3mm & 5mm
Sheet sizes: Widths up to 1220mm

STANDARD COLOUR
Blue, Black, Gray, Green, Yellow, Red, White

FINISH
Gloss

Black Core Foam PVC
Foam PVC

Foamalux
Xtra

Containing up to 80% reclaimed foam PVC content, Foamalux Xtra foam PVC is the green alternative. The product comprises a reclaimed black core sandwiched between one or two surfaces of premium quality virgin white PVC.

- Environmentally friendlier black core
- Bright white surface
- Direct to print
- Quality vinyl adhesion
- Easily fabricated, cut, engraved and routered
- Fire performance

RANGE
Thickness: 3, 5, 6 & 10mm
Sheet sizes: Widths up to 1560mm

OPTIONS
Single and double sided surface

COLOURS
White surface with black core

Reclaimed Foam PVC
Foam PVC

Foamalux
Eco

Foamalux Eco contains up to 80% reclaimed foam PVC, reducing landfill and making it our greenest choice of foam PVC.

- Lightweight and easy to handle
- Direct to print
- Suitable for 3D displays
- Easy to cut, fabricate and bond

RANGE
Thickness: 3, 5, 6 & 10mm
Sheet size: Widths up to 1220mm

COLOURS
Black

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   commercial@brettmartin.com

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bsi.

ISO
9001
Quality
Management

Q09125