MATERIAL SOLUTIONS

Let’s Create Something Great Together
WE ARE BRETT MARTIN

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 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.

CERTIFICATIONS & APPROVALS

Our products undergo rigorous testing in accordance to specific market and end use requirements. Please contact us for further information on test certification.

PRODUCT WARRANTIES

Standard and Enhanced warranties are available throughout our product ranges. Details available on request.
_MULTIWALL POLYCARBONATE

Marlon ST Longlife 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
- Longlife 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**

Clear, Pearlescent, Opal, Bronze, Bronze Opal, Heatguard Opal, IR Blue, Solar Gold, Solar Pearl

**OPTIONS**

Dual sided UV protection / Condensation control

**NEW ACCESSORIES**

- H Profile 4mm-16mm
- U Profile 4mm-16mm
- Cap & Base 6mm-10mm
**MULTIWALL SYSTEMS**

**marlonClickfix 1040**

**INPLANE POLYCARBONATE GLAZING SYSTEM**

Marlon Clickfix is a complete architectural glazing system providing quality natural light, superior thermal insulation, weatherability and structural strength in cladding and roofing applications.

- Simple click and fix installation
- High light transmission
- Thermally insulating
- Excellent structural durability
- Lightweight and easy to handle
- Weatherable and UV resistant
- Glazing systems for cladding and rooflights

**RANGE**

Tenwall 40mm
Dimensions: 500mm wide

**COLOURS**

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

**OPTIONS**

Dual Sided UV protection

**GLAZING SYSTEMS**

VF55mm (facades & cladding up to 6m)
VF90mm (facades & cladding 6m-12m)
RL80mm (rooflights & canopies)

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**marlonClickloc**

**EASY-FIT POLYCARBONATE PANEL**

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.

- Easy to handle
- Light in weight
- Speedy assembly
- Very strong
- Impact resistant
- UV protection

**RANGE**

Xwall 16mm
Dimensions: 500mm wide

**COLOURS**

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

**INTERLOCK DETAIL**

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**marlonToploc**

**STANDING SEAM POLYCARBONATE PANEL**

Marlon Toploc is a versatile panel system suitable for both flat or curved roofing and cladding applications. Featuring 16mm 7 wall profile standing seam design, the system is lightweight, fast to install and leak proof.

- High loading capability
- Fast, easy installation
- Suitable for curving
- UV protection
- Solar controlling tints

**RANGE**

16mm 7 wall
Dimensions: 600mm and 1000mm wide

**COLOURS**

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

**INTERLOCK DETAIL**

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* g = glass effect
**CORRUGATED SHEET**

**CORRUGATED POLYCARBONATE**

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%
- Longlife UV protection
- Chemical resistance
- Anti-drip option
- Extensive profile range

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**FACTORY ASSEMBLED TRAPEZOIDAL POLYCARBONATE ROOFLIGHT**

Thermally efficient double skin trapezoidal polycarbonate rooflights which seamlessly integrate with composite panel roofing systems in wide span metal frame building applications.

- Fully factory assembled rooflight
- Thermally insulating
- Excellent quality natural light transmission
- Compatible with standard composite roof panels
- Achieves non-fragility and fire performance requirements
- Rapid fit and fix installation
- Longlife UV protection

**OPTIONS**

- Thicknesses: Specified to suit the composite roofing panel thickness.
- Lengths: 1200mm - 4500mm
- Weathersheet: Specified to match roof profile
- Liner: 16mm 7wall (other options are available)

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**DIAMOND EMBOSSED POLYCARBONATE**

Marlon CS Diamond is a super tough, super strong and super resilient corrugated polycarbonate sheet with an attractive diamond embossed pattern.

- Exceptional hail resistance
- Light in weight
- High levels of light transmission
- Excellent fire performance
- Longlife UV protection

**OPTIONS**

- Thickness: 2.6mm and 2.8mm
- Colours: Clear, Bronze
- Specials: Available on request
Corrugated Multiwall Polycarbonate

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, Iron 2.5mm Twinwall

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

Options
- Dual Sided UV Protection
- Finishing: Mitred Corners, Heat Sealed Edges

Corrugated PVC

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
- Thicknesses: 0.7mm-1.5mm
- Profiles: wide and growing profile range
- Sheet sizes: 1000-1500mm

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

Product Range
- Marvec CS Premium: 10 year warranty
- Marvec CS High Impact: Impact protection and 10 year warranty
- Marvec CS Standard: Limited warranty

Agricultural Lining

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
- Thicknesses: 0.7mm-1.3mm

Colours
- Standard Colours: White, Light Grey, Mushroom

Options
- Dual sided UV protection

* g = glass effect
**TRANSPARENT FLAT SHEET**

**marlon fs**

**FLAT POLYCARBONATE**

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
- Excellent fire performance

**RANGE**

Thicknesses: 0.75mm-15mm
Sheet Sizes: Widths up to 2050mm

**COLOURS**

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

**FINISH**

Gloss / Embossed

**OPTIONS**

- Single sided UV protection
- Strong Adhesion Film
- Anti-reflective

**marlon fsx**

**UV PROTECTED POLYCARBONATE SHEET**

Marlon FSX Longlife 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 natural light transmission
- Suitable for cold curving
- Lightweight and easy to handle
- Excellent fire performance

**RANGE**

Thicknesses: 0.75mm-15mm
Sheet Sizes: Widths up to 2050mm

**COLOURS**

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

**FINISH**

Gloss / Embossed

**OPTIONS**

- Single sided UV protection
- Strong Adhesion Film

**marlon fs**

**ABRASION RESISTANT POLYCARBONATE SHEET**

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 and scratch resistance
- Double sided UV protection as standard

**RANGE**

Thicknesses: 3mm-15mm
Sheet Sizes: Widths up to 2050mm

**COLOURS**

Standard Colours: Clear
Specials: Available on request

**FINISH**

Gloss
**PET**

PETg FLAT SHEET

Ease of workability and thermoformability at low temperatures make Marpet-g FS PETg a popular choice for fabrication in print and display applications.

- Optically clear and transparent
- Excellent thermoforming properties
- Easily machined and fabricated
- Superior chemical resistance
- Fire performance
- 100% recyclable

**ACRYLIC**

FLAT ACRYLIC

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

- Easily fabricate
- Glass-like optical clarity
- Excellent thermoforming capabilities
- Outstanding weatherability
- Ability to flame polish edges

**PVC**

FLAT PVC

Combining weatherability, fire performance and chemical resistance in easily workable gloss and matt surfaces, clear and white, Marvec FS is suitable for a range of glazing and cladding applications.

- Low maintenance
- Chemical resistance
- Lightweight
- Corrosion free
- Excellent fire performance
- Economical
OPAQUE FLAT SHEET

marvecfs ultra

PVC CLADDING
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
Thicknesses: 3mm

COLOURS
Standard Colours: White
Specials: Available on request

CO-excell

HYGIENIC CLADDING SHEET & ACCESSORIES
The antibacterial active ingredient in Marvec FS Bio 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
Thicknesses: 0.9mm-2.7mm

FINISH
Satin / Gloss / Embossed Gloss

COLOURS
Standard Colours: White
Specials: Available on request

NEW ACCESSORIES

CO-ex FOAM PVC

Coexcell is a waterproof construction board used in cladding and fabrication applications. Comprising a co-extruded solid PVC skin and foamed PVC core it combines excellent strength and rigidity, with ease of workability and is a strong resilient material.

- Smooth premium matt surface
- Closed cell structure - easy to fabricate
- Suitable for internal and external use
- UV and weather stability
- Lightweight and easy to handle

RANGE
Thicknesses: 3mm-10mm

COLOURS
Standard Colours: White (with white core)

OPTIONS
Anti Microbial
UV Protection

CONSTRUCTION

FABRICATION
OPAQUE FLAT SHEET

MULTIPURPOSE PVC BUILDING BOARD

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.

- Premium silky smooth hard surface
- Suitable for internal and external use
- Extremely lightweight and easy to handle
- Strong and durable rigid board
- Moisture and mould resilient
- Insect and pest resistant
- Fire performance

CALIBRATED PVC

<table>
<thead>
<tr>
<th>RANGE</th>
<th>Thicknesses: 10mm-30mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>COLOURS</td>
<td>Standard Colours: White</td>
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<tr>
<td>OPTIONS</td>
<td>UV protection</td>
</tr>
</tbody>
</table>

FREE FOAM PVC

COLOURED FOAM PVC

Available in a choice of 15 colours as standard, 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

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<thead>
<tr>
<th>RANGE</th>
<th>Thicknesses: 3mm &amp; 5mm</th>
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</thead>
<tbody>
<tr>
<td>COLOURS</td>
<td>Standard Colours: Red, Orange, Sunburst Yellow, Yellow, Ivory, Green, Blue, Light Blue, Black, Grey</td>
</tr>
<tr>
<td>OPTIONS</td>
<td>Neon Pink, Neon Green, Raspberry, Black Sparkle</td>
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</tbody>
</table>

BRIGHT WHITE FOAM PVC

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

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<thead>
<tr>
<th>RANGE</th>
<th>Thicknesses: 1mm-24mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>COLOURS</td>
<td>Standard Colours: White</td>
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</tbody>
</table>

*Minimum order quantities may apply.
OPAQUE FLAT SHEET

DIGITAL PRINT FOAM PVC
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.
- UV stable colour formulation
- Outstanding print quality
- Flat even printing surface
- Direct to print
- Fire performance

FREE FOAM PVC
RANGE
Thicknesses: 2mm-10mm

COLOURS
Standard Colours: White

RECYCLED FOAM PVC
Containing up to 80% recycled foam PVC recovered from production and post consumer signage waste, Foamalux Xtra Foam PVC is the green alternative. Foamalux Xtra comprises a recycled black core, sandwiched between one or two surfaces of premium quality virgin white PVC.
- Recycled black core
- Bright white surface
- Direct to print
- Quality vinyl adhesion
- Easily fabricated, cut, engraved and routered
- Fire performance

RANGE
Thicknesses: 3mm-19mm

OPTIONS
Single and double sided surface

COLOURS
Standard Colours: White

GLOSS FOAM PVC
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
Thicknesses: 3mm & 5mm

COLOURS
Standard Colours: Red, Yellow, Green, Blue, White, Grey, Black
Plastic Sheets

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