



Marlon R Glaze

Roof Glazing Panel



**Marlon
R Glaze**

Space for:
relaxing
basking
stretching
reading
painting
eating
practicing



With so much of our lives spent indoors, getting outside is a great way to unwind and relax. By creating a covered space attached to your home or free standing in the garden, you can make the most of your time with protection from the sun or the rain.



**practicing
chilling
listening
playing
writing**



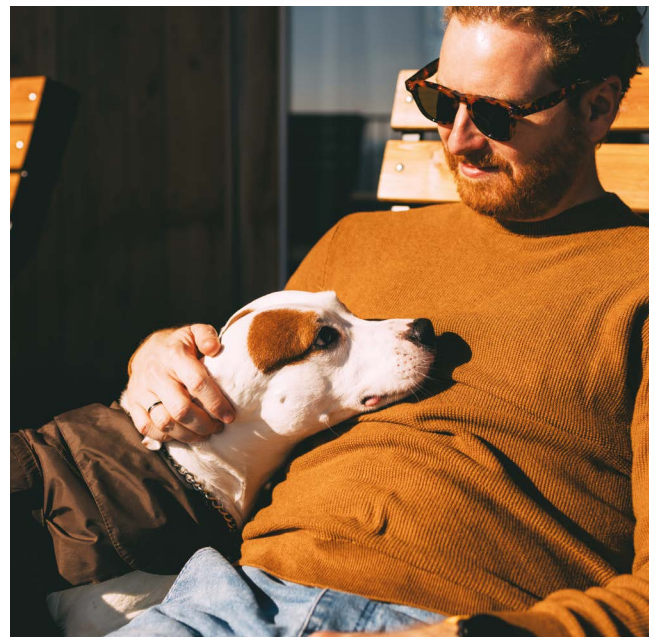
Marlon R Glaze polycarbonate roofing panels provide the ideal solution for covering a canopy or pergola, creating the ideal outdoor space for relaxing, entertaining, exercising or just spending time with friends and family.

The easy option for outdoor living

Marlon R Glaze is the next generation of transparent roof covering and combines a glass like appearance with the high-performance features of Polycarbonate. With both clear and tinted options, you can choose the amount of shade ideal for your location.

Designed to deliver maximum value to the homeowner, Marlon R Glaze brings a new, higher standard of appearance but remains easy to install and maintain.

The sleek glass like panels screw directly onto your structure's rafters without the need for expensive glazing bars, making the installation process quick and easy while providing a highly professional appearance.

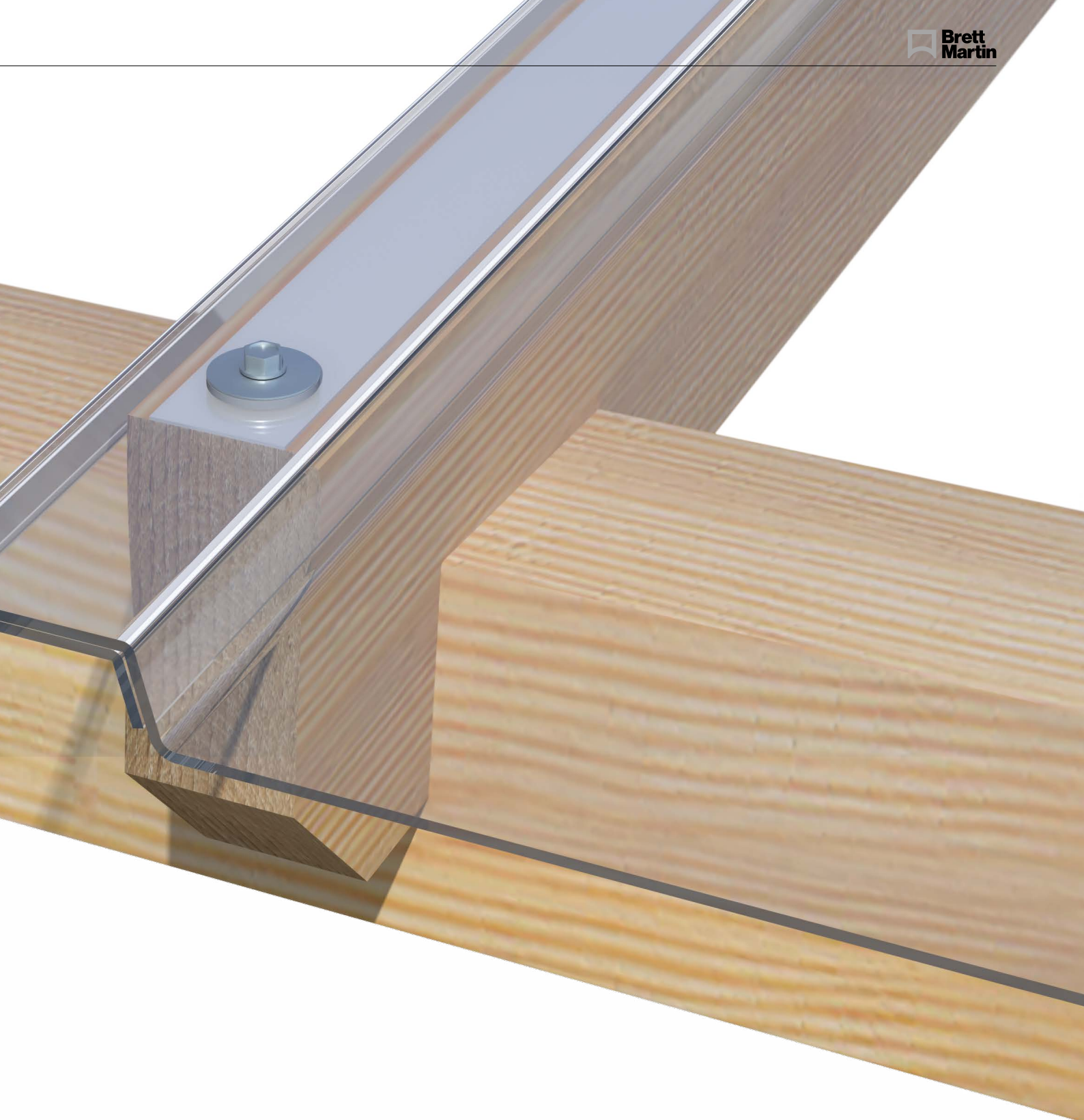






Marlon R Glaze

Simply construct your frame with rafters at 600mm centres and the Marlon R Glaze sheets are ready to lap across the roof in just minutes, providing a strong, weatherproof solution, much easier than traditional roof glazing sheets.



**Simple DIY
installation**



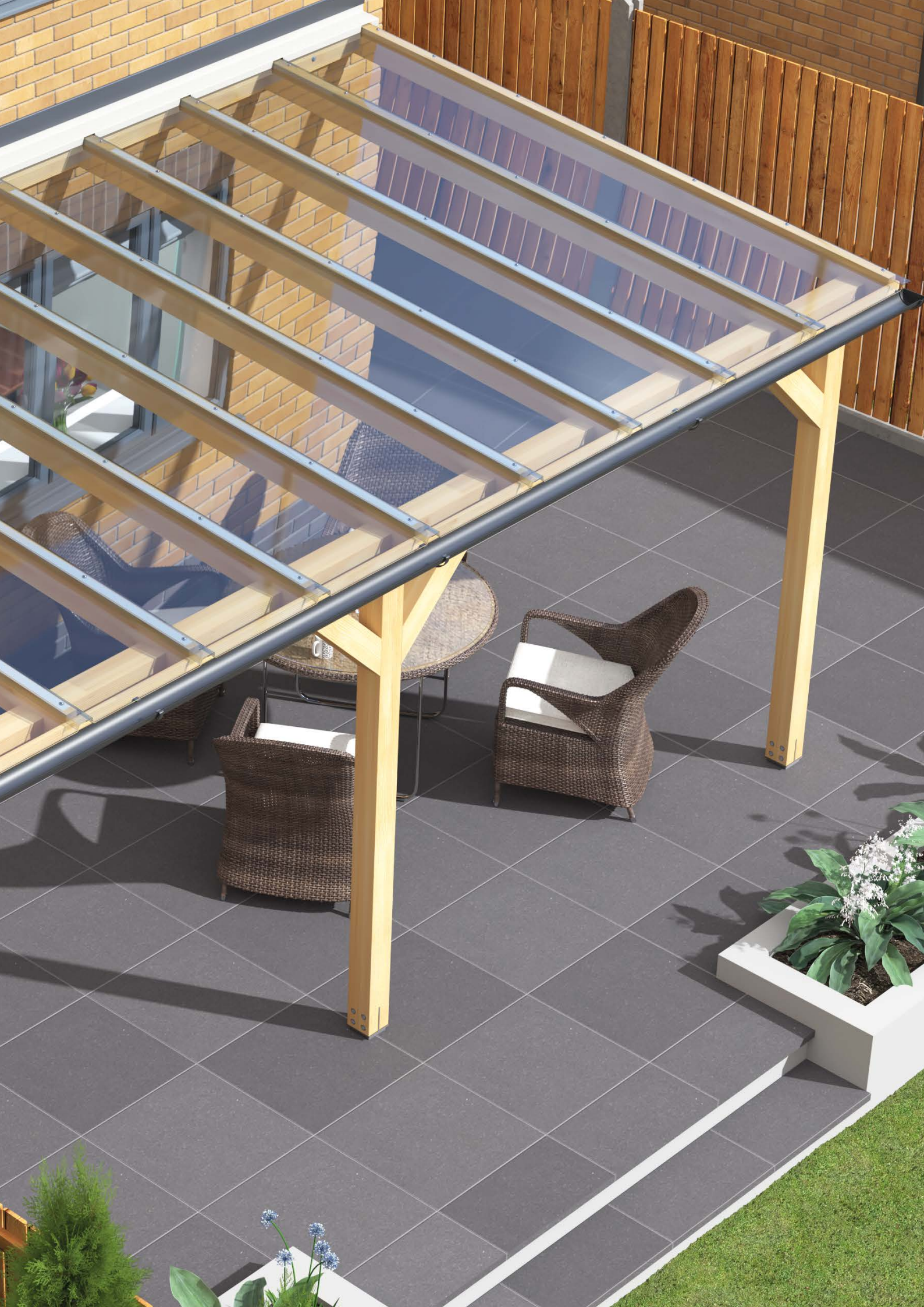
**UV Protection for
durable service**



**High impact
resistance**

Perfect for DIY use, only standard tools are required to install. Simply pre-drill fixing holes to suit the canopy structure and screw the panels into place. The panels are manufactured from impact resistant polycarbonate which is hardwearing, durable and long-lasting.

This super clear sheet has added UV protection so that you can enjoy the great outdoors whilst being protected from the harmful effects of the sun. A range of solar controlling and light diffusing tints are also available.



Marlon R Glaze

Sleek, glass like premium polycarbonate canopy glazing system

A premium canopy glazing system offering a sleek, glass like finish, minimal installation accessories and simple installation.

Marlon R Glaze 3mm thick polycarbonate panels screw directly to rafters without the additional cost of glazing bars. The installation process is quick and easy while providing a highly professional appearance.

Features

- Glass like appearance
- Easy to handle
- Light in weight
- Speedy assembly
- Very strong
- Impact resistant
- UV protected

Applications

- Canopies
- Pergolas
- Swimming Pool Covers
- Carports

Product Range

Thickness: 3mm

Profile: P2055

Lengths: Up to 5m, for longer panel lengths please contact the technical department

Tints



Clear



Grey



Diffuser





Marlon R Glaze Diamond

Attractive, diamond embossed premium polycarbonate canopy glazing system

A premium canopy glazing system with an attractive, diamond embossed finish providing privacy from above and diffused light underneath.

Marlon R Glaze Diamond 2.8mm thick polycarbonate panels screw directly to rafters without the additional cost of glazing bars. The installation process is quick and easy while providing a highly professional appearance.

Features

- Attractive diamond embossed surface on underside
- Provides privacy from above
- Diffused light underneath
- Lightweight & easy to handle
- Speedy assembly
- Very strong and impact resistant
- UV protected

Applications

- Canopies
- Pergolas
- Swimming Pool Covers
- Carports

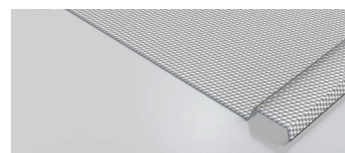
Product Range

Thickness: 2.8mm

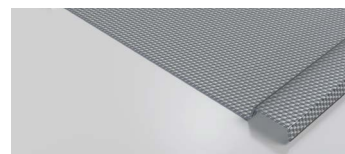
Profile: P2055

Lengths: Up to 5m, for longer panel lengths please contact the technical department

Tints



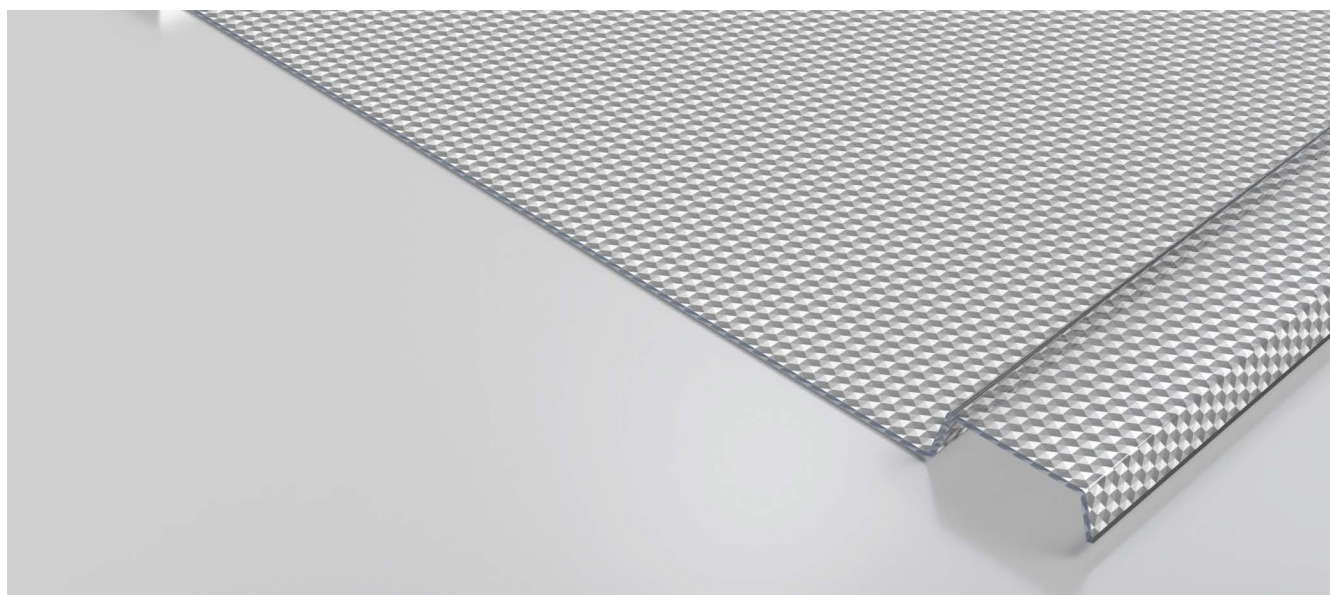
Clear Diamond



Grey Diamond



Bronze Diamond



Marlon R Glaze

Installation & Components



Marlon R Glaze
polycarbonate panel



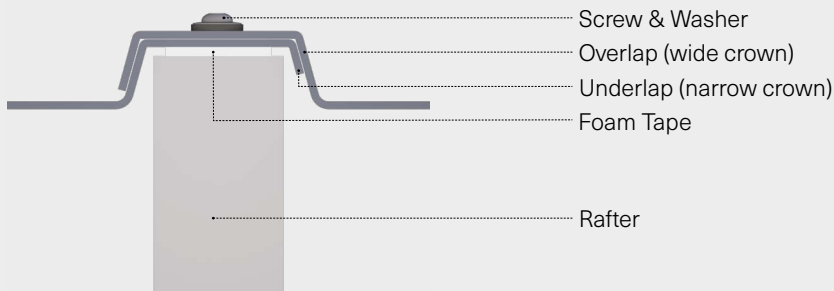
White EPDM
Foamed Tape



Screw &
washer



Flashing



🔍 Visit brettmartin.com/marlonglaze to view installation video.

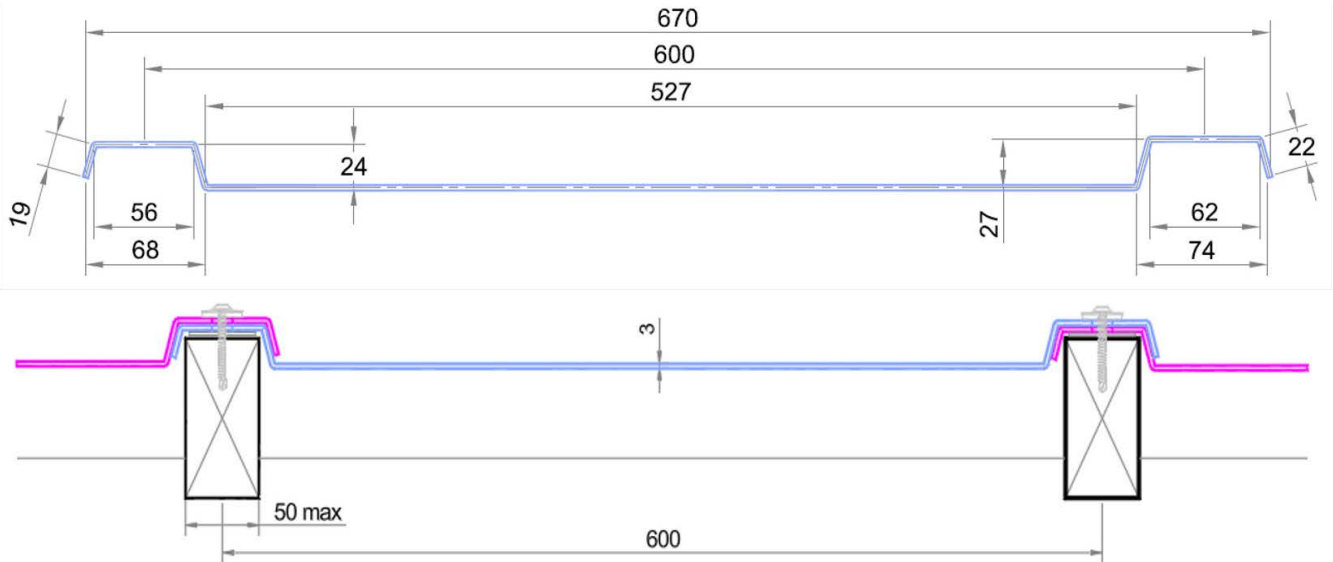
Panel Details

Panel Options

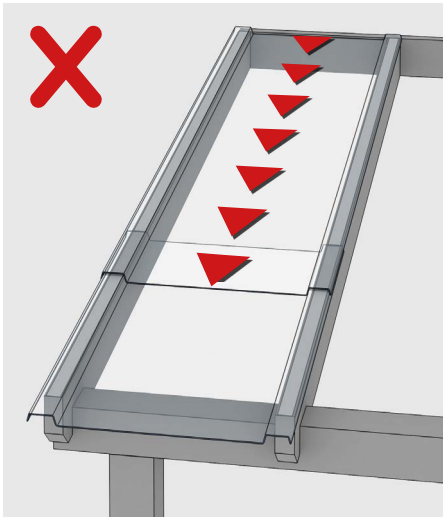
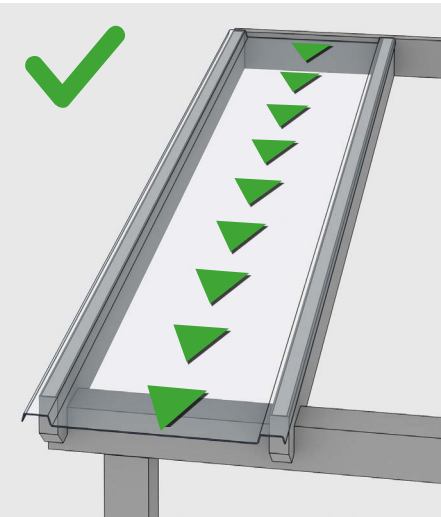
Thickness	Tints	Diamond Embossed	Panel length	Panel Width
3mm	Clear, Grey, Diffuser	Clear Diamond, Grey Diamond, Bronze Diamond	Up to 5m, for longer lengths contact Technical Dept.	670mm (nominal) (600mm cover width)

Other colours available, subject to minimum order quantities.

Profile



Panel Length



Select a panel length at least 50mm longer than the roof rafters to allow a slight overhang. Longer sheets can be trimmed to required length however, shorter panels cannot be lapped to cover a longer roof slope.

Scan QR
code for
more info:



Mechanical Properties

Properties

Cover Width	600mm
U-value	5.45 W/m ² k
Sheet Weight	3.97kg/m ²
UV protection	Single Sided

Light Transmission

Colour	Light	Solar
Clear (S)	84%	90%
Diffuser (US)	65%	51%
Grey (GA)	53%	70%
Clear Diamond	78%	52%
Grey Diamond	68%	46%
Bronze Diamond	46%	39%

Recommendations

Minimum roof slope 5°/Maximum sheet length 5m.

UV Protection

Marlon R Glaze has a co-extruded UV protection layer on one side.

Warranty

Marlon R Glaze is manufactured under Quality Management Systems registered to BS EN ISO 9001:2015. The panels carry a limited warranty. For full details please contact our Technical department.

Handling & Safety

Do not step directly on the rooflight. Use stepping boards. Work according to local safety regulations.

Storage

Store in a shaded place, protect from direct sunlight and rain prior to installation. Avoid covering the sheets with heat absorbing materials. Avoid contact with chemicals. Protect the sheets from physical damage. Pallets should be stacked no more than three pallets high.

Installation

Make adequate allowance for thermal movement, nominally 3.5mm per meter. Holes drilled for fixings must be oversized. 12mm diameter fixing holes should be adequate for sheets up to 5m. Fixing holes at both ends of the sheet (top and bottom) should be 30-50mm from the end of the rafter. Remaining fixing holes should be drilled every 500mm. Fixings should be 50mm x 5.5mm with a 29mm diameter sealing washer. Ensure fixings are suitable for structure substrate. Do not over tighten fixings. For sheet lengths longer than 5m please consult with the Technical Department as special consideration will have to be made for movement at the end laps and fixings. Remove protective film immediately after installation of each panel. White foamed EPDM barrier tape can be used on rafters to limit noise as a result of thermal movement. Please refer to Installation Video or Installation Leaflet for further details.

Not suitable for curved applications.

All installation accessories and sealants must be compatible with polycarbonate.

Service Temperature

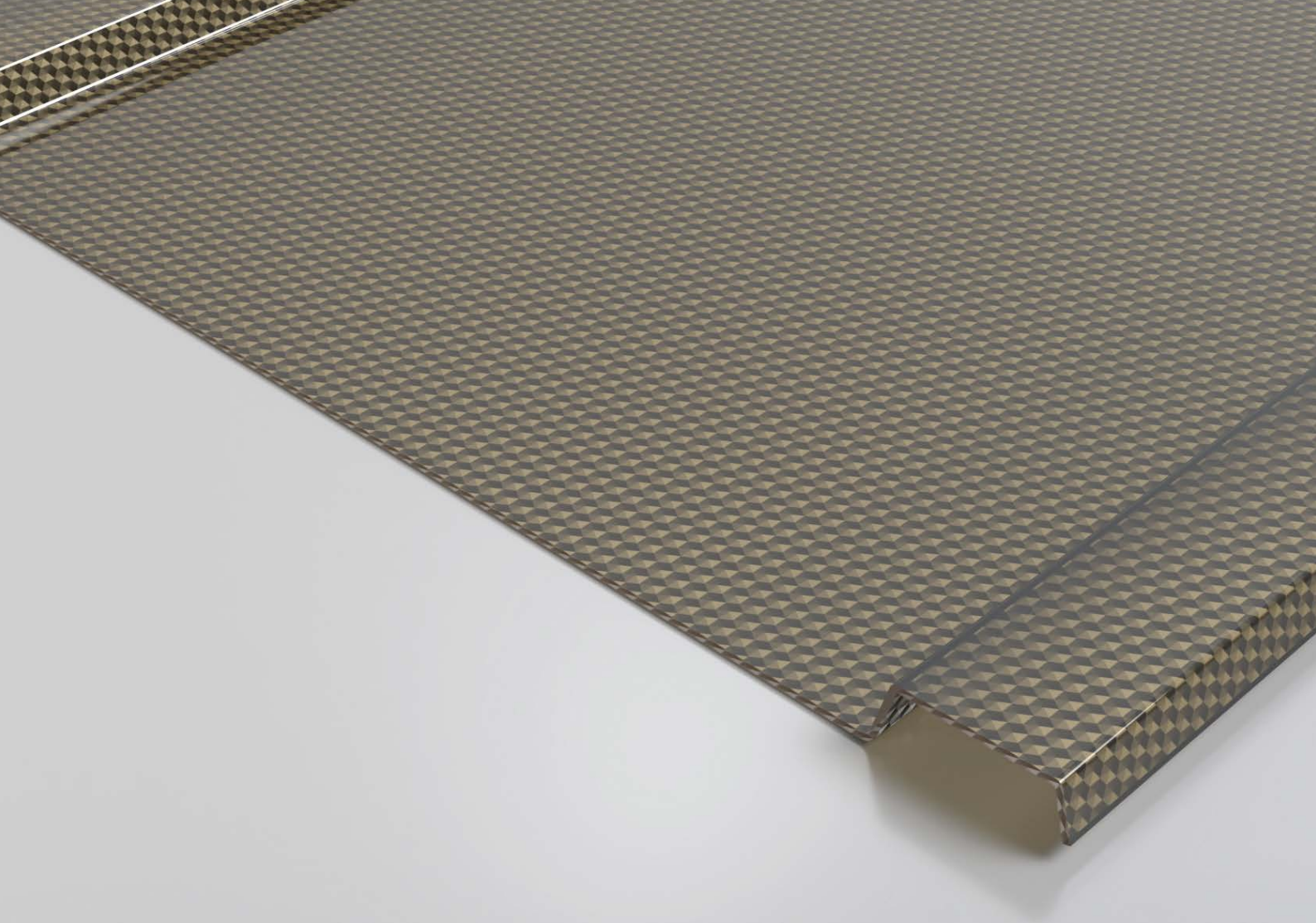
For stable prolonged service ranging from -20°C to 100°C. (Short term un-stressed -40°C to 130°C)

Fire Rating

For fire rating certificates please contact the Technical Department.

Maintenance

In order to maintain this product in good condition it should be cleaned periodically using suitable detergent cleaning agents. Do not use solvent cleaners. Do not scrub with brushes or sharp implements. Avoid cleaning in hot sun or high temperatures.



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smart roofing systems

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