STORM
BUILDING PRODUCTS

POLYCARBONATE ROOFING

PolyX

MODULAR ROOF SYSTEM



The next generation of transparent roof covering.

For more information or technical advice,
visit our website at **stormbuildingproducts.com**



PolyX

MODULAR ROOF SYSTEM

Poly X - Modular Roof System is the perfect choice for creating a stunning outdoor space. Whether you're looking to relax, entertain, stay active, or enjoy quality time with family, this system has you covered.

Its sleek, glass-like panels are designed for easy installation directly onto rafters using standard tools and minimal components, ensuring a seamless and polished look with minimal effort.

From providing shade on sunny days to offering protection from rain, Poly X - Modular Roof System is built to meet all your outdoor needs.

BENEFITS

- Easy installation
- No specialist tools required
- Fixes directly to rafters
- Versatile
- Lightweight
- UV Protected
- 10-year warranty
- Eco-friendly

Perfect for DIY use, requiring only standard tools. Simply pre-drill the necessary holes for the structure and secure the panels in place.

Constructed from impact-resistant polycarbonate, these panels are durable, long-lasting, and hard-wearing.

IDEAL FOR

- Canopies
- Pergolas
- Swimming Pool Covers
- Carports

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Poly X
MODULAR ROOF SYSTEM



Effortless Protection and Versatility.

Poly X - Modular Roof System combines high performance with the versatility to enhance any outdoor area. Whether attached to your home or set up as a free-standing structure, enjoy the perfect blend of sun and rain protection, while making the most of your outdoor time.

Easy to install and maintain, the sleek 3mm glass-like panels attach directly to rafters, eliminating the need for costly glazing bars. The installation process is quick, resulting in a refined, professional finish.

Poly X
MODULAR ROOF SYSTEM

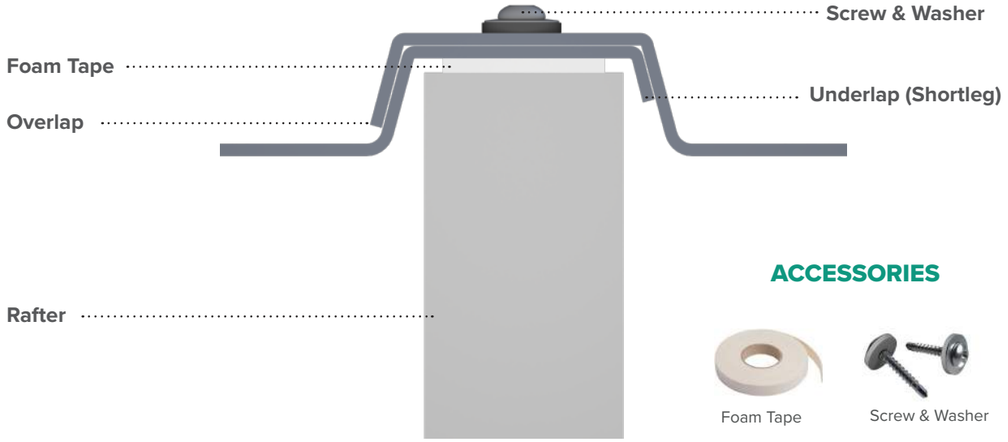


Glass-Like Clarity, Lasting Strength.

Combining a sleek, glass-like aesthetic with the strength and durability of polycarbonate, Poly X - Modular Roof System enhances any outdoor space with modern style and durability. Its design complements various styles, offering a perfect balance of style and functionality.

With 84% light transmission, it floods spaces with bright, natural light while maintaining long-lasting performance against the elements. Durable and stylish, it delivers both practicality and reliability without compromising on its sleek, high-end appearance.

INSTALLATION & COMPONENTS



ACCESSORIES

Foam Tape

Screw & Washer

INSTALLATION

Allow for thermal movement, approximately 3.5mm per meter. For sheets up to 5m, a 12mm diameter fixing hole with a 5.5mm fixing should suffice. For longer lengths, consult our Technical Department to accommodate movement at the end laps and fixings. Avoid over-tightening, and remove protective film after each panel installation. Use white foamed EPDM barrier tape on rafters to reduce noise from thermal expansion.

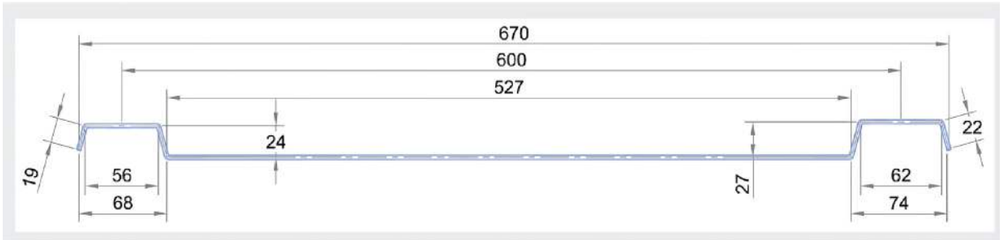


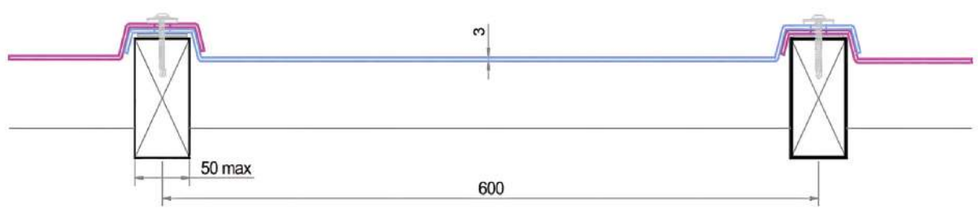
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INSTALLATION & COMPONENTS

Panel Options	
Thickness	3mm
Colours	Clear & Grey
Panel Lengths	3,4 & 6m
Panel Width	670mm (to allow for 600mm rafter centres)

PROFILE





MECHANICAL PROPERTIES

Properties	
Thickness	3mm
Cover Value	600mm
U-Value	5.45 W/m2k
Sheet Weight	3.97kg/m2
UV Protection	Single Sided

LIGHT TRANSMISSION

Colour	Light	Solar
Clear	84	90
Grey	53	70

RECOMMENDATIONS

Minimum roof slope 5°/Maximum sheet length 6m.

UV PROTECTION

Poly X - Modular Roof System has a co-extruded UV protection layer on one side.

WARRANTY

The panels carry a limited warranty. For full details please contact our Technical department.

SERVICE TEMPERATURE

Suitable for continuous service in temperatures from –20°C to 100°C (and short-term unstressed use from –40°C to 130°C).

HANDLING & SAFETY

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

FIRE RATING

For fire rating certificates, please contact our Technical Department.

MECHANICAL PROPERITES



MAINTENANCE

To ensure that the panels perform at optimum throughout their service life and retain light transmission properties, it is recommended that the panels be cleaned periodically using suitable household cleaning agents as follows:

- Use lukewarm water to rinse the panel and soften dirt.
- Make up a solution of warm water or a mild soap and use this to wash the panel.
- A sponge or soft cloth should then be used to gently remove dirt and grime.
- The cleaning process should then be repeated and the panel rinsed and dried with a soft

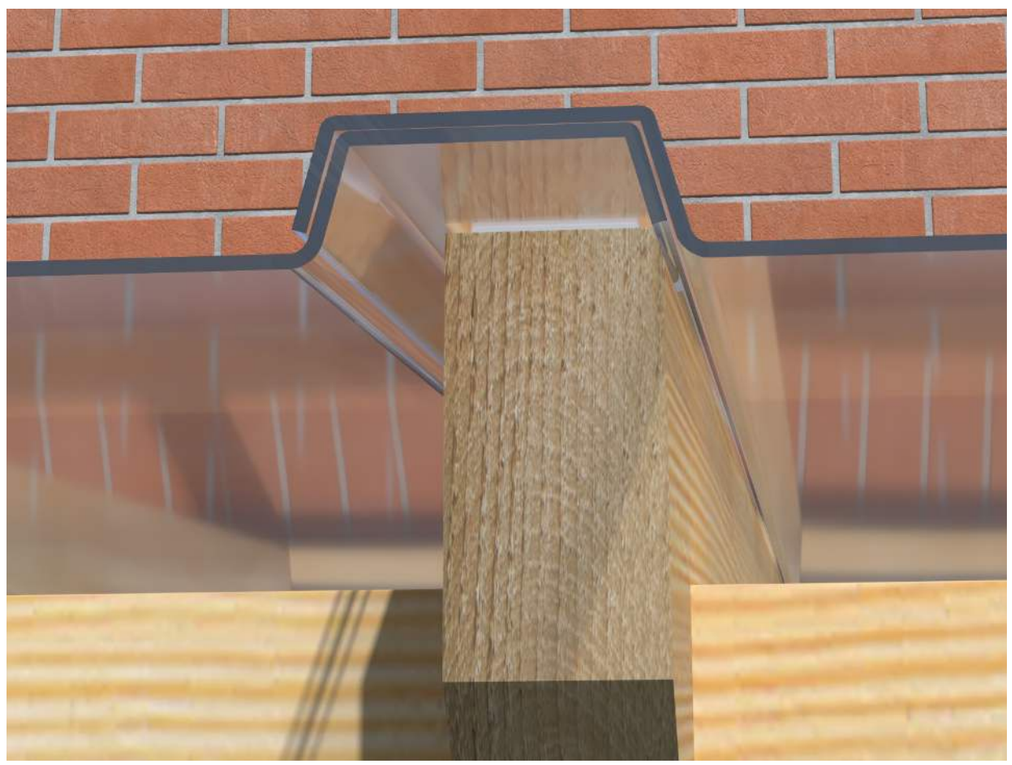
Care should be taken to observe the following

1. Do not scrub the panels with brushes or sharp instruments as they will mark easily.
2. Never steam clean, use low pressures for pressure washing.
3. Avoid any abrasives or cleaners of a highly alkaline composition.
4. Always test cleaners on a sample panel first, as those labeled safe for polycarbonate may not be suitable for the UV-protective surface.

STORAGE

- Store in a shaded area, away from direct sunlight and rain before installation. Avoid covering sheets with materials that absorb heat and prevent contact with chemicals. Protect from physical damage, and stack pallets no more than three high.





WARRANTY

Southgate Enterprises Ltd (hereinafter “STORM”) warrants to the original purchaser that, for the period of time set forth in the following sentence, under normal use and service conditions that STORM - Poly X - Modular Roof System shall be free from material defects in workmanship and materials, shall not split, splinter, rot or suffer structural damage from termites or fungal decay. The term of such warranty shall be ten (10) years from the original purchase from STORM (in relation to the Replacement Proportion) and shall be installed and maintained according to the manufacturer’s guidelines. If a defect occurs within the warranty period, the purchaser must, within ten (10) working days from discovery of the defect but no later than the end of warranty period, notify STORM in writing at the following email and address: sales@stormbuildingproducts.com. Unit 9 Robins Drive Castlefields Industrial Estate, Bridgwater TA6 4DL.

The Purchaser must include proof of purchase along with statement and photos explaining the defect and the date the products were installed in this notification. STORM may request additional information to assist any necessary investigation. After reviewing all information and upon completion of an investigation, STORM shall make a determination with respect to the validity of such a claim. If STORM confirms the Purchaser’s claim as valid, STORM’s sole responsibility shall be to either replace the defective products or refund the portion of the purchase price paid by the Purchaser for any defective products.

Other Costs

This warranty shall not cover and STORM shall not be responsible for costs and expenses incurred with respect to the removal of defective STORM Polycarbonate products or the installation of replacement materials, including but not limited by labour and freight. STORM shall have no further liability of obligation except as expressly stated herein. Under no circumstances will STORM be liable for special, incidental or consequential damages, whether such damages are sought in contract, in tort (including but not limited to negligence and strict liability) or otherwise, and STORM’s liability with respect to defective STORM
Storm polycarbonate products shall in no event exceed the replacement of such products or refund the purchase price, as described.

Exclusion

STORM does not warrant against and is not responsible for, and no implied warranty shall be deemed to cover any condition attributable to:

1. Installation of STORM Polycarbonate products and/or failure to avoid by STORM’s installation guidelines, including but not limited to gaping.
2. Use of STORM Polycarbonate products beyond normal use and service conditions, or in an application not recommended by STORM guidelines and local codes.
3. Movement, distortion, collapse or setting of the ground the supporting structure on which STORM Polycarbonate products are installed.
4. Any act of God (such as, but not limited to, flooding, hurricane, earthquake, thunder and lightning, etc.), environmental conditions (such as, but not limited to, dirt, grease, oil, etc.) or normal weathering.
5. Fading or changes in colour of STORM Polycarbonate products.
6. Handling, storage, abuse or neglect of STORM Polycarbonate products by Purchaser
7. Decay caused by fasteners.
8. Ordinary wear and tear.

This warranty may not be altered or amended except in a written instruction signed by STORM and the Purchaser. No person or entity is authorised by STORM to make; and STORM shall not be bound by any statement or representation as to the quality or performance of STORM Polycarbonate products other than contained in this warranty.

Replacement Proportion

After the original purchase date, the Purchaser’s recovery shall be prorated in the following manner:

Year of Claim	Replacement
1-3	100%
4-5	70%
6-7	50%
8-9	30%
10+	10%

Storm® and STORM Building Products is a trade mark belonging to Southgate Enterprises Limited.

Every effort has been made to ensure the accuracy of the information in this brochure. Recommendations on product use are provided without guarantee, as application conditions are outside STORM's control. It is the customer's responsibility to confirm product suitability for intended use and conditions.

STORM reserves the right to modify specifications without prior notice as part of its continuous improvement policy. Minimum order quantities apply to non-standard and special options.

Images are for illustrative purposes only, showcasing potential applications of Modular Roof System.

Modular Roof System is a product manufactured by Brett Martin.

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