



TECHNICAL DATA SHEET

MultiFlex GRP Roofing System Primer



Revision date: 29/03/23 Revision number: (0)

Description

TriRoof MultiFlex GRP Roofing System Primer is a high-quality white liquid primer based on isophthalic unsaturated polyester resin that is specifically designed to be used as part of the TriRoof MultiFlex GRP Roofing System Primer.

Product Use

This product is to be used in conjunction with the TriRoof MultiFlex Topcoat to form a flexible Class 1 EXT. F.A.A. fire retardant system on external flat roofs, the TriRoof MultiFlex GRP Roofing System Primer is suitable for use over multiple clean, secure and dry substrates.

Liquid Properties

White, low viscosity, easy to apply & air free. The TriRoof MultiFlex Primer exhibits effective air release properties, excellent cure at low temperatures and film levelling characteristics.

Characteristics and Cure

The TriRoof MultiFlex Primer is designed for roller application.

- Gel time < 15 minutes.
- Ready to lay < 24 minutes

(2% Benzoyl Peroxide Dibuthyl Maleate (50%)
@ 20°C)

Mechanical Properties

(*Properties of the cured unreinforced resin)

- Tensile Elongation - ISO 527 (2012) - 75-100%
- HDT - ASTM D 648 ISO 75A (2013) - max 20°C

Health & Safety

Please refer to separate Material Safety Data sheet. Avoid curing the TriRoof MultiFlex Topcoat in bulk.

Technical Data Sheet

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Application

- The TriRoof MultiFlex Primer should be ideally used between temperatures of 5°C–30°C.
- Gently agitate the Primer before use and leave it to stand for a short period of time to allow the material to regain the thixotropy.
- Add 2% – 5% of Benzoyl Peroxide Dibutyl Maleate (50%) to the Primer for a sufficient cure. Care must be taken to avoid incorporating air into the material when mixing.
- Apply the Primer evenly across the substrate surface with a target film thickness of 500g/m².
- Apply TriRoof Multiflex GRP Roofing Topcoat within 5 days.
- Avoid any water contamination prior to applying the TriRoof Multiflex GRP Roofing Topcoat

Please refer to the full TriRoof MultiFlex installation manual for more information.

Storage and Packaging

- Store away from any direct sunlight in the original, factory sealed airtight containers.
- Avoid storing outdoors.
- Store below 20°C but freezing conditions must be avoided.
- The shelf life & properties of the Primer can be adversely affected by incorrect storage conditions.
- Only open containers immediately before use & close airtight after use.





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