



# TECHNICAL DATA SHEET

## MultiFlex GRP Roofing System Topcoat



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

### Description

TriRoof MultiFlex GRP Roofing System Topcoat is a high quality dark grey liquid topcoat based on isophthalic unsaturated polyester resin that is specifically designed to be used as part of the TriRoof MultiFlex GRP Roofing System Topcoat.

### Product Use

This product is to be used in conjunction with the TriRoof MultiFlex Primer to form a flexible Class 1 EXT. F.A.A. fire retardant system for use on external flat roofs.

### Liquid Properties

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

### Characteristics and Cure

The TriRoof MultiFlex Topcoat is designed for roller application.

- Gel time < 20 minutes.
- Ready to lay < 35 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 Topcoat should be ideally used between temperatures of 5°C–30°C.
- Gently agitate the Topcoat before use and leave 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 Topcoat for a sufficient cure. Care must be taken to avoid incorporating air into the material when mixing.
- Apply the Topcoat evenly over the primed substrate surface.
- Avoid any water contamination to the Topcoat surface prior to full cure.
- Water tight after 40 minutes\*

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 Topcoat can be adversely affected by incorrect storage conditions.
- Only open containers immediately before use & close airtight after use.





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