

TECHNICAL DATA SHEET

TRIROOF MULTIFLEX GRP ROOFING SYSTEM TOPCOAT

PRODUCT IDENTIFIER

Product Name:	TriRoof MultiFlex GRP Roofing System Topcoat 1339177 Rev.2
Revision Date:	24-SEP-2025

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 Overlay System.

Product Use

To be used in conjunction with the MultiFlex GRP Roofing System 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 GRP Roofing System Topcoat exhibits effective air release properties, excellent cure at low temperatures and film levelling characteristics

Characteristics & Cure

The TriRoof MultiFlex GRP Roofing System 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

TECHNICAL DATA SHEET

Health & Safety

Please refer to separate Material Safety Data sheet.

Avoid curing gelcoats in bulk.

Application

TriRoof MultiFlex GRP Roofing System 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*

Storage & 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. Use within 4 months of date of manufacture.

TECHNICAL DATA SHEET

DISCLAIMER

The information contained in this document (which is to be intended only for explanatory purposes) is correct and accurate and is based on our technical and scientific knowledge and on literature at the date of publication. Such information relates only to use of the products in the pure state and for the purposes stated herein. Nothing in the information contained in this document shall be deemed to be a warranty or a representation (explicit or implicit) by the manufacturer, and/or taken or construed as infringing of any existing patents. The manufacturer shall not be under any liability or responsibility for any of the information provided under this document or for any errors, omissions or misstatements, even with regard to results to be obtained through the use of the aforesaid information.

This information is provided in good faith and every reasonable effort is made to ensure that it is accurate and up-to-date. Tricel Composites (GB) Ltd. shall not be liable for any damage arising, directly or indirectly, from the use of the information contained herein. It is issued on the condition that the user will determine the safety and suitability of this product for their purposes before use. Regulations are country-specific and local information should be sought before placing your product on the market.

Tricel Composites (GB) Limited

Unit A, Foxway,
Off Atkinson Street,
Leeds, West Yorkshire,
LS10 1PS.

Tel: +44 (0)113 270 3133

Email: sales@tricelcomposites.co.uk

Tricel Composites (NI) Limited

Unit 4, Milltown Ind. Estate, Greenan
Road. Warrenpoint, Newry
Co. Down,
BT34 3FN.

Tel: +44 (0)284 175 3738

Email: sales@tricelcomposites.co.uk