

# TECHNICAL DATA SHEET

## TOPCOAT BR ROOFING DARK GREY RCFR 113-DG

### PRODUCT IDENTIFIER

<b>Product Name:</b>	<b>Topcoat BR Roofing Dark Grey RCFR 113-DG 1577006 Rev.0</b>
<b>Revision Date:</b>	<b>24-SEP-2025</b>

### Description

The Topcoat BR roofing dark Grey RCFR 113-DG Topcoat is a pre-accelerated, isophthalic acid based polyester roofing topcoat which is available in a dark grey pre-pigmented colour.

### Product Use

The topcoat is recommended for use in flat roofing applications where regulations specify a fireretardant system.

### Liquid Properties & Approvals

The Topcoat BR roofing dark Grey RCFR 113-DG Topcoat is a dark grey air free liquid. Conforms to BS476 Part 3:2004, FAB classification when applied at a wet film thickness of 500 – 600 microns and fabricated with a single ply of 450 grams per square metre of emulsion bound chopped strand mat, consolidated with the optimum quantity of an orthophthalic acid based general purpose laminating resin onto 18 mm OSB3 grade board.

### Characteristics & Cure

Exhibits effective air release properties as well as water resistance. The Topcoat is designed to be applied for roller or brush applications with a tack free finish.

Gel Time (2% medium reactive MEKP @ 25°C): < 15 minutes

### Mechanical Properties

*(\*Properties of the cured unreinforced resin)*

Barcol Hardness – EN59 – 42

Tensile strength I – SO 527 (2012) – 82 MPa

Tensile Elongation – ISO 527 (2012) – 4%

Flexural Strength – ISO 178 (2011) – 102 MPa

Flexural Modulus ISO 178 (2011) – 4500 MPa

HDT – ISO 75-2A (2013) – 77°C

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## Health & Safety

Please refer to separate Material Safety Data sheet. Avoid curing gelcoats in bulk.

## Application

The Topcoat BR roofing dark Grey RCFR 113-DG Topcoat is designed for use at ambient temperatures between 15–30°C and should be ideally conditioned to a temperature between 15–30°C before use. Gently agitate the topcoat before use and leave to stand for a short period of time to allow the topcoat to regain the thixotropy. Add 1.5 – 2.5% of a general purpose methyl ethyl ketone peroxide (MEKP) to the topcoat for a sufficient cure. Care must be taken to avoid incorporating air into the topcoat when mixing. Apply the topcoat evenly across the roof surface with a target film thickness of 500–600 microns. Always check the wet film thickness and avoid any water contamination prior to full cure.

## 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.

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