TECHNICAL DATA SHEET

TOPCOAT BR WHITE

PRODUCT IDENTIFIER

Product Name:	Topcoat BR White
	1577014 Rev.0
Revision Date:	19-SEP-2025

MAIN CHARACTERISTICS

Description

Topcoat BR White is a pre-accelerated, thix otropic, isophthalic polyester brushing topcoat which is available in a wide range of colours. (The information in this technical data sheet applies to all colour variations).

Product Use

Topcoat BR White is a general-purpose brushing topcoat to aesthetically improve lamination on GRP mouldings.

Liquid Properties

Topcoat BR White is a thixotropic, air free liquid.

Characteristics & Cure

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

Gel Time < 15 minutes

(2% medium reactive MEKP @ 25°C)



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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

Health & Safety

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

Application

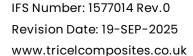
Topcoat BR White should be ideally conditioned to a temperature between $18-23^{\circ}$ C before use. Workshop & mould temperature should also be in the same temperature range. Gently agitate the topcoat before use and leave to stand for a short period of time to allow the topcoat to regain the thixotropy. 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 mould surface with a target film thickness of 500-800 microns. Always check the wet film thickness.

Post-Curing

For many applications, sufficient post-curing is possible in typical workshop temperatures between 15-25 $^{\circ}$ C. For optimum topcoat performance, parts must be fully post-cured prior to being put into service (24 hours @ 20 $^{\circ}$ C, followed by 48 hours @ 40 $^{\circ}$ C).

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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