

Technical Data Sheet

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Flexiglass[®] 2022 GRP Multi Surface Overlay System

PRIMER

Description

Acrypol Flexiglass[®] 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 Flexiglass[®] GRP Multi Surface Overlay System.

Product use

To be used in conjunction with the Acrypol Flexiglass[®] Resin to form a flexible Class 1 EXT. F.A.A. fire retardant system on external flat roofs, the Acrypol Flexiglass[®] Primer is suitable for use over multiple clean, secure and dry substrates.

Liquid properties

White, low viscosity, easy to apply & air free. The Acrypol Flexiglass[®] Primer exhibits effective air release properties, excellent cure at low temperatures and film levelling characteristics.

Characteristics and Cure

Acrypol Flexiglass[®] Primer is designed for roller application.

Gel time < 15 minutes.

Ready to lay < 24 minutes

(2% Benzoyl Peroxide Dibutyl 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 gelcoats in bulk.

Application

Acrypol Flexiglass[®] Primer should be ideally used between temperatures of 5°C-30°C. Gently agitate the Primer 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 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 iAcrypol Flexiglass[®] Resin within 5 days. Avoid any water contamination prior to applying the Acrypol Flexiglass[®] Resin.

Please refer to Acrypol Flexiglass[®] Application Guide for more information available at cromar.uk.com.

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 Acrypol Flexiglass[®] Primer can be adversely affected by incorrect storage conditions. Only open containers immediately before use & close airtight after use.

Acrypol Flexiglass[®] Primer is available in 5kg pack sizes.

Resins are stable for 3 months from point of sale. After extended storage, some drift may occur in gel time.

Disclaimer

The information provided in this technical data sheet is based on controlled laboratory testing and is suitable for guidance purposes only. Cromar recommends that customers should check all materials on a trial basis, prior to full production in their specific working conditions, to satisfy themselves of product suitability.