ROMAR-VOSS composites

IsoTop RV - Hand

Version 01 | 29-10-2024

General

IsoTop RV is a high-quality, pre-accelerated topcoat based on isophthalic acid polyester resin. Application should be done with a flat brush or roller. Isotop RV Hand is very suitable for protection of polyester laminates against the influence of weather, wind and chemicals. IsoTop RV Hand has good impact resistance and resistance to scratching and abrasion.

Application

IsoTop RV can, among others, be used as a final coat on already produced products and molds in bodywork and boat building. This topcoat is not suitable for underwater applications.

Features - Liquid

IsoTop RV Hand - Liquid	
Color	Neutral, white or RAL-Color
Density	1,1 to 1,3 g/cm^3
Viscosity (25°C)	13.000 mPa.s (Brookfield, RV5, 10 rpm)
Styrene content	Approx. 30%
Geltime	Approx. 15 to 20 min. (with 2% to 3% MEKP)
Flash point	34°C

Processing

IsoTop RV Hand can be applied using a flat brush. A topcoat contains paraffin and therefore does not stick after curing. When cured with 2% to 3% MEKP hardener, the processing time is 15 to 20 minutes. IsoTop RV Hand is pre-accelerated with cobalt accelerator.

The temperature in the processing room must be at least 18°C. This temperature applies especially to the surface of the mold. The neutral topcoat can be colored with polyester pigment paste. Recommended layer thickness 350 - 500 µm, depending on the surface and color.

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Features - Cured

IsoTop RV Hand – Cured		
HDT	90°C	ASTM D648
Tensile strength	50-60 N/mm^2	DIN 53455
Elongation at break, tensile	3,5%	DIN 53455
Hardness	40 (Barcol)	ASTM D2583

Packaging

This product is available in the following packages:

- 18 kg (can)
- 1200 kg (IBC)
- 200 kg (drum)

Storage

It is recommended to store this product at temperatures below 25°C. Avoid exposure to heat sources such as direct sunlight. To avoid contamination this product cannot be stored outside.

Best before 6 months after production date (see chargenr.), provided the product is stored in a closed, original package.

Safety Precautions

Refer to the Material Safety Data Sheet (MSDS) for information on safe storage and use of this product. Read this sheet thoroughly before using this product. The MSDS can be obtained from www.romar-voss.nl.

Transport

ADR-class: n/A
UN-number: n/A

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