



Korepox Topcoat ET6572 (Two-Component)

Product Description A two-component, polyamide cured epoxy resin based high build and high solids topcoat designed for fresh water tank service.
It may be used in contact with food products and for fresh water tank in accordance with FDA regulation, section 175.300.

Recommended Use As a finish for fresh water tank and swimming pool.

Physical Properties

Finish and Color Flat. White (1000), Light Blue, Cream, Grey (N 7.5)

Drying Time

Substrate temperature	5 °C/41 °F	20 °C/68 °F	30 °C/86 °F
Set to touch	12 h	2 h	2 h
Dry through	48 h	16 h	10 h

* The actual drying time is subject to the film thickness, ventilation, humidity etc., and drying time under other temperature conditions should be checked and informed by KCC.

Solids by Volume Approx. 66 % (Determined by ISO 3233)

Theoretical Spreading Rate 5.28 m²/L in 125 μm dry film thickness on a smooth surface.

Specific Gravity Approx. 1.36 for Mixture of Base and Curing agent.

Flash Point Base(ET6572 PTA) : 53 °C/127 °F (Closed cup)
Curing Agent(ET6572 PTB) : 48 °C/118 °F (Closed cup)

Application Details

Surface Preparation Remove any oil, grease, dirt and any other contaminants from the surface before painting by proper method such as solvent cleaning and fresh water washing, etc.
* Steel : Blast cleaning to Sa2.5 or Power tool cleaning to St3, etc.

Application Conditions The surface should completely cleaned and dried. Do not apply when relative humidity is above 85 %. The surface temperature should be at least 2.7 °C (5 °F) above dew point to prevent condensation. In confined areas, ventilate with clean air during application to assist solvent evaporation.

Mixing Base (Part A) : Curing Agent (Part B) = 1 : 1 (by volume)
Mix thoroughly together prior to application in the proportions with power agitator as delivered.

Pot Life 3 h at 20 °C/68 °F

Preceding coat Korepox Primer EP6172, or according to specification.

Thinning Thinner No. 024 or Other thinner approved by KCC
Do not dilute each components separately.

Disclaimer : The information in this data sheet is believed to the best of our knowledge based on laboratory test and practical experience. However, there are many factors affecting the performance of product and the product quality itself, so we are not able to guarantee without the confirmation of the purpose of using the product from us in writing. We reserve the right to change the data without notice and you should check that this data sheet is current prior to using the product.

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Application Method Spray (Airless or Air), Roller or Brush application.
For airless spray application ;
Nozzle orifice : 432 μm ~ 635 μm (0.017" ~ 0.025")
Output pressure : 11.7 MPa ~ 15.2 MPa
Fan : 60°
(Airless spray data are indicative and subject to adjustment)

Typical Film Thickness 125 μm dry.
Depending on the purpose and the area of use, different film thickness may be applied.

Recoating Interval At 20 °C / 68 °F, Minimum : 8 h
Maximum : 11 d

Before overcoating, remove the oil, salt, chalking material and any other contaminants on aged coating film completely by proper cleaning method such as solvent cleaning and/or fresh water washing.

Subsequent Coat According to specification.

Shelf Life 12 months

Heat Resistance Continuous : 93 °C / 200 °F (Non-immersion service)
Non-continuous : 121 °C / 250 °F (Non-immersion service)

Chemical Resistance

	Acids	Alkalis	Solvents	Salts	Water
Splash & Spillage	Good	Good	Good	Excellent	Excellent
Fumes	Very Good	Very Good	Excellent	Excellent	Excellent
Immersion	Fair	Fair	Good	Excellent	Excellent

Standard Packing Unit 16 L (ET6572 PTA : 8 L, ET6572 PTB : 8 L), 18 L (ET6572 PTA : 9 L, ET6572 PTB : 9 L)

Remarks Do not store at temperature below 5 °C / 41 °F or above 40 °C / 104 °F.
Protect skin and eyes from direct contact with liquid paint, and avoid prolonged breathing of solvent vapors.
Use with adequate ventilation.
Respiratory protection is recommended when applying this product in confined spaces or stagnant air.

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