



A two component, polyamide cured epoxy resin based high build and high solid type self priming coat, designed for fresh water.

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 self-priming coat for fresh water, ballast tank and swimming pool
------------------------	--

Physical Properties

Finish and Color	Flat. Light Grey (1105), Light Blue					
Specific gravity	Approx. 1.40 for Mixture of Base and Curing agent					
Solids by volume	Approx. 66 % (Determined by ISO 3233)					
Spreading rate (Theoretical)	5.28 m ² /L in 125 μm dry film thickness on a smooth surface.					
Flash point	Base(EP6172 PTA) : 53 °C/127 °F (Closed cup) Curing Agent(EP6172 PTB) : 48 °C/118 °F (Closed cup)					
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

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.
Method of application	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)
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.
Thinning	Thinner No. 024 or Other thinner approved by KCC Do not dilute each components separately.
Application conditions	The surface should be 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.

Film thickness	125 μm dry. Depending on the purpose and the area of use, different film thickness may be applied.			
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.			
Subsequent Coat	Korepox Topcoat ET6572, Korepox H.B. EH3100, or according to specification.			
Pot life	3 h at 20 °C/68 °F			
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.			
Heat resistance temperature	Continuous : 93 °C/200 °F (Non-immersion service) Non-Continuous : 121 °C/250 °F (Non-immersion service)			
Storage and package				
Shelf life	12 months			
Packing Unit	16 L (EP6172 PTA : 8 L, EP6172 PTB : 8 L) 18 L (EP6172 PTA : 9 L, EP6172 PTB : 9 L)			
Remarks				
Note	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			
1'st issue	2009-08-01			
Revision	2016-11-01			

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.

