



A two-component, polyamide cured epoxy resin based finish. It has excellent resistance performance against salt and fresh water, mineral oils and petrol, vegetable and animal oils, etc. and mechanical wear. Not resistant to acids and oxidizing solutions.

Approved as a Fire Retardant Paint by Lloyd's Register of Shipping (LR), Det Norske Veritas (DNV, CE Marking) and Korean Register of Shipping (KR)

Recommended use	As a heavy-duty finish coat on structural steel, interior and exterior, in corrosive marine and industrial atmosphere, and exposed to hard mechanical wear, or temporary immersion.
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Physical Properties

Finish and Color	Gloss. White (1000), Yellow (3000), Green (4490), Grey (1128), Black (1999) * For more available color, consult with KCC's business department.
Specific gravity	Approx. 1.20 for Mixture of Base and Curing agent.
Solids by volume	Approx. 41 % (Determined by ISO 3233)
Spreading rate (Theoretical)	10.3 m ² /L in 40 μm dry film thickness on a smooth surface.
Flash point	Base (ET574 PTA) : 23 °C / 74 °F (Closed cup) Curing Agent (ET574 PTB) : 27 °C / 81 °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.
Preceding coat	Korepox Holding Primer EP170QD, Korepox Holding Primer EP1700, Korepox EH2350, Korepox EH2351, Korepox H.B. EH6270, Korepox H.S. EH4158H or according to specification
Method of application	Spray (Airless or Air), Roller or Brush application. For airless spray application : Nozzle orifice : 432 μm ~ 635 μm (0.019" ~ 0.025") Output pressure : 13.5 MPa ~ 29.2 MPa Fan : 60 ° (Airless spray data are indicative and subject to adjustment)
Mixing	Base (Part A) : Curing Agent (Part B) = 3 : 2 (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 the 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. Application Limitation Approved for use as a low flame spread surface material, not generating excessive quantities of smoke

	nor toxic products in fire. Approved for use on metallic surface with thickness of at least 3mm (IMO MSC / Circ. 1004) Maximum gross calorific value shall be documented separately where applicable, ref SOLAS Chapter II-2 Reg. 5.3.2. Each product is to be supplied with its manual for installation/application and maintenance.			
Film thickness	40 μm dry. Depending on the purpose and the area of use, different film thickness may be applied			
Drying time	Substrate temperatur	5℃/41°F	20℃/68°F	30℃/86°F
	Set to touch	4 h	1h	30min
	Dry through	24h	8h	6h
	* 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.			
Pot life	8 h at 20 °C/68 °F			
Recoating interval	At 20 °C/68 °F, Minimum : 8 h Maximum : Free 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				
Packing Unit	16 L (ET574 PTA : 9.6 L, ET574 PTB : 6.4 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.			
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Revision				

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.

