



A two-component, polyamide cured epoxy resin based primer containing corrosion inhibiting pigment. It cures to a strong and highly rust preventing coat. Normal or high build application is optional.

Recommended use	A general purpose anti-corrosive primer and/or intermediate coating for Korepox systems on all types of steel structures in severely corrosive environments.
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Physical Properties

Finish and Color	Flat. Red Brown (2263), Grey
Specific gravity	Approx. 1.40 for Mixture of Base and Curing agent.
Solids by volume	Approx. 58% (Determined by ISO 3233)
Spreading rate (Theoretical)	11.6 m ² /L in 50 μm dry film thickness on a smooth surface.
Flash point	Base (EP170 PTA) : 26 °C/79 °F (Closed cup) Curing Agent (EP170 PTB) : 26 °C/79 °F (Closed cup)
Volatile Organic Compounds(VOC)	Korea Clean Air Conservation Act (including maximum dilution ratio) : 447 g/L (Determined by KS M ISO 3251)

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 : 483 μm ~ 686 μm (0.019" ~ 0.027") Output pressure : 11.7 MPa ~ 15.2 MPa Fan : 40 ° ~ 60 ° (Airless spray data are indicative and subject to adjustment)			
Mixing	Base (Part A) : Curing Agent (Part B) = 4 : 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 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 (36.9 °F) above dew point to prevent condensation. In confined areas, ventilate with clean air during application to assist solvent evaporation.			
Film thickness	50 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	3 h	2 h

	Dry through	24 h	7 h	4 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 H.B. ET5740, Korepox Topcoat H.B. ET5745, Korepox Topcoat ET574HS, Korepox H.B. EH270, Korepox H.B EH6270, Korepox H.B EH6280(HS) or according to specification.			
Pot life	4 h at 20 °C/68 °F			
Recoating interval	At 20 °C / 68 °F, Minimum : 6 h ~ 8 h Maximum : 30 d Prior to 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 (77°F / 25°C)			
Storage	Do avoid humidity and direct light.			
Packing Unit	15 L (EP170 PTA : 12 L, EP170 PTB : 3 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. Note that the paint performance may be changed when exposed to high temperature.			
1'st issue	2012-08-01			
Revision	2022-10-26			

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.

