



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. Approved as a Prefabrication Primer by Lloyd's Register of Shipping (LR)

Recommended use	As 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 , Black
Specific gravity	Approx. 1.30 for Mixture of Base and Curing agent.
Solids by volume	Approx. 51 %
Spreading rate (Theoretical)	10.2 m ² /L in 50 μm dry film thickness on a smooth surface.
Flash point	26 °C /79 °F

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. Air spray application. Nozzle orifice : 1.3 ~ 1.5 mm Output pressure : 4 ~ 5 atm (Above air spray data are indicative and subject to adjustment). Use the well strained paint.												
Thinning	Thinner No. 024 or 024(HE) Do not dilute each components separately, only the mixture.												
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	DFT 40~60μm												
Drying time	<table border="1"> <thead> <tr> <th>Substrate temperature</th> <th>5 °C /41 °F</th> <th>20 °C /68 °F</th> <th>30 °C /86 °F</th> </tr> </thead> <tbody> <tr> <td>Set to touch</td> <td>12 h</td> <td>3 h</td> <td>2 h</td> </tr> <tr> <td>Dry through</td> <td>24 h</td> <td>7 h</td> <td>4 h</td> </tr> </tbody> </table> <p>* 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.</p>	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
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Pot life	8 h at 20 °C /68 °F												
Recoating	At 20 °C / 68 °F , Minimum : 6 h ~ 8 h												

interval	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	
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Shelf life	12 months
Packing Unit	15 L (PTA : 12L, PTB : 3L)

Remarks	
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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	2012-04-01
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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.

