



A two-component, phenolic epoxy resin based heavy-duty coating with excellent resistance to wide range of chemicals, solvents, caustics, crude and fuel oils, animal and vegetable oil and fats, alkaline and non-oxidizing salt solution.

Recommended use	As a tank lining coat for ship's cargo tanks, barges, road tankers and storage tanks in the chemical and petrochemical industries.
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Physical Properties

Finish and Color	Semi-gloss. Grey, Cream
Specific gravity	Approx. 1.41 for Mixture of Base and Curing agent.
Solids by volume	Approx. 52 % (Determined by ISO 3233)
Spreading rate (Theoretical)	5.2 m ² /L in 100 μm dry film thickness on a smooth surface.
Flash point	Base (EH2630-A) : 22 °C / 71.6 °F (Closed cup) Curing Agent (EH2630-B) : 27 °C / 80.6 °F (Closed cup)
Chemical Resistance	Refer to KCC Chemical Resistance list.

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, etc
Preceding coat	Kophenol EH2630
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) * For more detail information, please refer to KCC's tank lining guide.
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. TH0260 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. * For more detail information, please refer to KCC's tank lining guide.

Film thickness	100 μm dry. Depending on the purpose and the area of use, different film thickness may be applied.			
Drying time	Substrate temperature	10℃/41 °F	20 °C /68 °F	30 °C /86 °F
	Set to touch	3 h	1 h	30 min
	Dry through	16 h	6 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.			
Pot life	2 h at 20 °C / 68 °F			
Recoating interval	At 20 °C / 68 °F, Minimum : 16 h Maximum : 21 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.			
Storage and package				
Shelf life	12 months			
Packing Unit	16 L (EH2630-A : 12.8 L, EH2630-B : 3.2 L) 18 L (EH2630-A : 14.4 L, EH2630-B : 3.6 L)			
Remarks				
Note	Do not store at temperature below 5) / 41 or above 40) / 104 . 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	2008-04-01			
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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.

