

Kophenol EH2630 (Two-Component)



Product Description 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.

Physical Properties

Finish and Color Semi-gloss. Grey, Cream

Drying Time

Substrate temperature	10 °C / 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.

Solids by Volume Approx. 52 % (Determined by ISO 3233)

Theoretical Spreading Rate 5.2 m²/L in 100 μm dry film thickness on a smooth surface.

Specific Gravity Approx. 1.41 for Mixture of Base and Curing agent.

Flash Point Base (EH2630-A) : 22 °C / 71.6 °F (Closed cup)
Curing Agent (EH2630-B) : 27 °C / 80.6 °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.

* Steel : Blast cleaning to Sa2.5, etc.

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.

Mixing Base (Part A) : Curing Agent (Part B) = 4 : 1 (by volume)

This data is believed to be accurate but without any obligation

Please consult with our technical department for detail information . .

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	Mix thoroughly together prior to application in the proportions with power agitator as delivered.
Pot Life	2 h at 20 °C / 68 °F
Preceding Coat	Kophenol EH2630
Thinning	Thinner No. TH0260 Do not dilute each components separately, only the mixture.
Application Method	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.
Typical Film Thickness	100 μm dry. May be specified in another film thickness than indicated depending on purpose and area of use.
Recoating Interval	At 20 °C / 68 °F, Minimum : 16 h Maximum : 21 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.
Shelf Life	12 months
Chemical Resistance	Refer to KCC Chemical Resistance list.
Heat Resistance	Continuous : 93 °C / 200 °F (Non-immersion service) Non-continuous : 121 °C / 250 °F (Non-immersion service)
Standard 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	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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