



A two-component, pure epoxy resin based self-priming, anti-abrasion coating reinforced with glass flake and excellent resistance to seawater, crude oil, fuel oil and abrasion. Also it provides a hard and tough film with long term durability, curable at low temperature even $-18\text{ }^{\circ}\text{C}/-0.4\text{ }^{\circ}\text{F}$ and meets VOC requirements as high solids coating.

Recommended use	As an anti-corrosion and anti-abrasion coating for long-life protection of steel structures in severely corrosive environment such as Underwater hull outside, Boottop, Topside, Exposed parts of ship, Water ballast tank, Cargo holds, etc. Applicable to steel structures for offshore projects, plants, bridges and others. It is in full accordance with the requirement in ACQPA Im2 System.
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Physical Properties

Finish and Color	Flat. Grey (1128), Mid Buff (3362).					
Specific gravity	Approx. 1.50 for Mixture of Base and Curing agent.					
Solids by volume	Approx. 72 % (Determined by ISO 3233)					
Spreading rate (Theoretical)	3.6 m ² /L in 200 μm dry film thickness on a smooth surface.					
Flash point	Base [EH2351(GF)-A] : 26 °C/79 °F (Closed cup) Curing Agent [EH2351-B] : 26 °C/79 °F (Closed cup)					
Chemical Resistance		Acids	Alkalis	Solvents	Salts	Water
	Splash & Spillage	Good	Good	Very Good	Excellent	Excellent
	Fumes	Very Good	Excellent	Excellent	Excellent	Excellent
	Immersion	Fair	Good	Good	Good	Good

Application details

Surface preparation	Remove any oil, grease, dirt and any contaminant from the surface before painting by proper method such as solvent cleaning and fresh water washing, etc. * Steel : Blast cleaning to Sa2.5 or Sa2, etc.
Preceding coat	Korepox Holding Primer EP170QD, Korepox Holding Primer EP1700, Korepox EH2351, Galvany Shopprimer IZ182, or according to specification.
Method of application	Spray (Airless or Air), Roller or Brush application. For airless spray application ; Nozzle orifice : 635 μm ~ 889 μm (0.025" ~ 0.035") Output pressure : 15.1 MPa ~ 17.2 MPa Fan : 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 each components separately.

Application conditions	The surface should be completely clean and dry.			
	Do not apply when relative humidity is above 85 %.			
	The surface temperature should be at least 3 °C (5 °F) above dew point to prevent condensation.			
	In confined areas, ventilate with clean air during application to assist solvent evaporation.			
Film thickness	250 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	8 h	1 h	30min
	Dry through	16 h	3 h	3 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 EH2351(GF), Korepox Topcoat H.B. ET5740, Korepox Topcoat H.B. ET5745, Korevitar H.B. EH2540, Korepox H.B. EH2560 or according to specification.			
Pot life	3 h at 20 °C/68°F			
Recoating interval	At 20 °C/68 °F, Minimum: 3 h			
	Maximum; - Immersion : 15 d - Non-immersion : Free			
	Before overcoating, remove the oil, salts, chalking materials 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			
Packing Unit	16 L [EH2351(GF)-A: 12.8 L, EH2351-B : 3.2 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.			
1'st issue	2009-08-01			
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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.

