



A two-component, high solids, high build, polyamide cured epoxy resin based coating reinforced with glass flake, and self priming coating with excellent resistance to corrosion and abrasion. Also, it provides a hard and tough film with long term durability.

Recommended use	Recommended for the areas requiring coatings of exceptional abrasion resistance and durability such as ship bottom, fences, highway bridges and exposed structural steel.
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Physical Properties

Finish and Color	Flat. Grey (1128), Red Brown, Black (1999)					
Specific gravity	Approx. 1.40 for Mixture of Base and Curing agent.					
Solids by volume	Approx. 83 % (Determined by ISO 3233)					
Spreading rate (Theoretical)	4.15 m ² /L in 200 μm dry film thickness on a smooth surface					
Flash point	Base [EH4158H(GF) PTA] : 29 °C/84 °F (Closed cup) Curing Agent [EH4158H(GF) PTB] : 9 °C/48 °F (Closed cup)					
Chemical Resistance		Acids(*1)	Alkalis(*1)	Solvents	Salts	Water
	Splash & Spillage	Good	Good	Good	Excellent	Excellent
	Fumes	Good	Good	Good	Excellent	Excellent
	Immersion	Fair	Fair	Fair	Excellent	Excellent
(* 1) : Except for aluminum color.						

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
Preceding coat	Korepox Holding Primer EP170QD, Korepox Holding Primer EP1700, Galvany Shopprimer IZ182, or according to specification.
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 : 13 ~ 23 MPa Fan : 60 ° (Airless spray data are indicative and subject to adjustment)
Mixing	Base (Part A) : Curing Agent (Part B) = 1 : 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	The surface should be completely cleaned and dried. Do not apply when relative humidity is above 85 %. The surface temperature should be at

conditions	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	150 ~ 350 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	16 h	3 h	2 h
	Dry through	72 h	24 h	12 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	5 h at 20 °C/68 °F			
Recoating interval	At 20 °C/ 68 °F, Minimum : 12 h Maximum : - Immersion : 10 d - Non-immersion : 30 d 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 [EH4158H(GF) PTA : 8 L, EH4158H(GF) PTB : 8 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	2016-11-01			
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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.

