



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

It can be applied to non-ferrous metals, new or old steel requiring only the removal of loose rust, scale. And also be applied over existing coatings.

Recommended use	As a multi purpose primer or middle coating for long-life protection of steel, non-ferrous metal like aluminum, galvanized steel, stainless steel(SUS) and concrete structures in severely corrosive environment such as petrochemical plant, piping, steel bridges etc.,.
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Physical Properties

Finish and Color	Off-White, Grey, Aluminum etc
Specific gravity	Approx. 1.3 – 1.5 for Mixture of Base and Curing agent.
Solids by volume	Approx. 80 % (Determined by ISO 3233)
Spreading rate (Theoretical)	6.0 m ² /L in 125 μm dry film thickness on a smooth surface.
Flash point	Base (ALLROUND MASTIC-A) : 25 °C / 77 °F (Closed cup) Curing Agent (ALLROUND MASTIC-B) : 25 °C / 77 °F (Closed cup)
Volatile Organic Compounds(VOC)	Korea Clean Air Conservation Act (including maximum dilution ratio) : 310 g/L (Determined by KS M ISO 3251)

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.,. It can be applied to non-ferrous metal surfaces without surface treatment like blast cleaning to preserve the non ferrous metals itself. In case of aluminum, hot dip galvanized steel surfaces which are shine and glossy, light sand papering or grinding is recommended to secure good adhesion to substrates.
Method of application	Spray (Airless or Air), Roller or Brush application. For airless spray application : – Nozzle orifice : 483 μm ~ 584 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)
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(Max.20%). * 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	125 µm dry. * May be specified in another film thickness than indicated depending on purpose and area of use.				
Drying time	Substrate temperature	5 °C / 41 °F	10°C / 50°F	20 °C / 68 °F	30 °C / 86 °F
	Set to touch	12 h	10 h	2 h	1 h
	Dry through	30 h	18 h	12 h	8 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. * 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.				
Subsequent Coat	Korepox Topcoat ET574HS, Korepox Topcoat H.B. ET5740, Korepox Topcoat H.B. ET5745, Korethan Topcoat UT6581, or according to specification.				
Pot life	5 h at 20 °C / 68 °F				
Recoating interval	At 20 °C/68 °F, Minimum : 12h Maximum : 30days * 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.				
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 (25°C)				
Storage	Do avoid humidity and direct light.				
Packing Unit	15 L (ALLROUND MASTIC-A : 7.5 L, ALLROUND MASTIC-B : 7.5 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. If you apply metallic colour(9181) as T/UP, colour difference could occur. So please contact technical department before the application. Note that the paint performance may be changed when exposed to high temperature.				
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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.

