



A two-component, polyamide cured epoxy resin based high-build coating. It provides a hard and tough film with very good resistance to abrasion and a wide range of acids, alkalis and chemicals with suitable topcoat.

Recommended use	As a intermediate coating for steel or concrete surface in severely corrosive environment and subject to mechanical wear. As a basecoat for urethane topcoat in exposure services.
------------------------	---

Physical Properties	
Finish and Color	Flat. White (1000), Grey (1128), Black (1999)
Specific gravity	Approx. 1.3 ~ 1.5 for Mixture of Base and Curing agent.
Solids by volume	Approx. 63 % (Determined by ISO 3233)
Spreading rate (Theoretical)	5.04 m ² /L in 125 μm dry film thickness on a smooth surface.
Flash point	Base (EH6270-A) : 26 °C / 79 °F (Closed cup) Curing Agent (EH6270-B) : 26 °C / 79 °F (Closed cup)
Volatile Organic Compounds(VOC)	Korea Clean Air Conservation Act (including maximum dilution ratio) : 449 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. * Steel : Blast cleaning to Sa2.5 or Power tool cleaning to St3, etc.
Preceding coat	Galvany IZ180N or according to specification. When apply over inorganic zinc, a mist coat is required to reduce the bubbling. * Method of Mist Coat 1) The Mist Coat proceed to less than 30% thinning ratio and need to proceed by minimized overlap ratio. Also when proceed main coat, preferentially confirm the appearance. 2) In the case of the bubble phenomenon(Popping phenomenon) that occurs during the subsequent coating of inorganic zinc, may vary depending on the painting conditions and the site conditions. Please contact TSD and the technical department when checking the problem.
Method of application	Spray (Airless or Air), Roller or Brush application. For airless spray application ; - Nozzle orifice : 432 μm ~ 635 μm (0.017" ~ 0.025") - Output pressure : 11.7MPa ~ 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. 25%, Vol) * Do not dilute each components separately, only the mixture.
Application	The surface should be completely cleaned and dried. Do not apply when relative humidity is above 85 %.

conditions	The surface temperatures 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	6 h	4h	3 h	2 h
	Dry through	16 h	12 h	9 h	6 h
	Recoating Interval (Min)	16 h	12 h	9 h	6 h
	Recoating Interval (Max)	30 days	30 days	30 days	30 days
	* 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. * In case of EH6270 product, we are operating the EH6270-B(W) of winter curing agent during between November to March per years.				
Subsequent Coat	Korethan Topcoat UT6581 or according to specification.				
Pot life	4 h at 20 °C / 68 °F				
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 (77°F / 25°C)				
Storage	Do avoid humidity and direct light.				
Packing Unit	15 L (EH6270 -A : 7.5 L, EH6270-B : 7.5 L)				
Remarks					
Note	* 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. * Note that the paint performance may be changed when exposed to high temperature.				
1'st issue	2012-08-01				
Revision	2020-05-27				

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.

