



A two-component, quick drying type, acrylic/polyurethane resin based finish coat with very good resistance against splash and spillage of acids, alkalis, solvents, salts and water. It also has outstanding weather resistance and color retention.

Recommended use	As a finish coat for use on steel or concrete structure under severe chemical or weathering corrosion condition and industrial environments.
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Physical Properties

Finish and Color	High gloss. White (1000), Grey (1128) * For more available color, consult with KCC's business department.
Specific gravity	Approx. 1.2 ~ 1.4 for Mixture of Base and Curing agent
Solids by volume	Approx. 60 % (Determined by ISO 3233)
Spreading rate (Theoretical)	15.0 m ² /L in 40 μm dry film thickness on a smooth surface
Flash point	Base (UT6581-A) : 29 °C/84 °F (Closed cup) Curing Agent (UT6581 -B) : 38 °C/100 °F (Closed cup)
Volatile Organic Compounds(VOC)	Korea Clean Air Conservation Act (including maximum dilution ratio) : 425 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.				
Preceding coat	Korepox H.B EH6270, Korepox H.B EH6280(HS), Korepox EH2350 or according to specification.				
Method of application	Spray (Airless or Air), Roller or Brush application. For airless spray application ; Nozzle orifice : 381 μm ~ 533 μm (0.015" ~ 0.021") 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) = 13.1 : 1.9 (by volume) - Base (Part A) : Curing Agent (Part B) = 14.0 : 2.0 (by volume) Mix thoroughly together prior to application in the proportions with power agitator as delivered.				
Thinning	Thinner No. 0624 (Max.10% by volume) * Do not dilute each components separately, only the mixture.				
Application conditions	The surface should be cleaned and dried completely. 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 spaces, ventilate with clean air during application to assist solvent evaporation.				
Film thickness	40 μm dry. Maybe 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	7 h	5h	2 h	1 h
Dry through	24 h	14h	7 h	4 h
Recoating Interval(Min)	24 h	14 h	7 h	4 h
Recoating Interval(Max)	Free	Free	Free	Free

* 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.

* Prior to 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.

Pot life	4 h at 20 °C / 68 °F
Heat resistance temperature	Continuous : 120°C / 248 °F (Non-immersion service) Non-continuous : 140 °C / 284 °F (Non-immersion service) – Peak temperature duration max. 1hour. – The temperatures listed relate to retention of protective properties. – Long-term exposure to these temperatures can cause aesthetic properties may suffer.

Storage and package

Shelf life	12 months (77°F / 25°C)
Storage	Do avoid humidity and direct light.
Packing Unit	15 L (UT6581 –A : 13.1 L, UT6581–B : 1.9 L) 16 L (UT6581 –A : 14.0 L, UT6581–B : 2.0 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(RAL9006(H), Semi-gloss) as T/UP, colour difference could occur. So please contact technical department before the application. Note that the storage period may be shortened when exposed to high temperature.
1'st issue	2013–10–01
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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.

