



KORETHAN ENAMEL GLOSS UT5015 is a two-component, acrylic polyurethane resin based clearcoat with excellent resistance to scratch and quick-drying property compared with conventional urethane paint. It has outstanding high gloss, levelling and build-up properties and very good durability, resistance to chemicals and weathering.

Recommended use	1. As a clearcoat for use on the high quality car, refrigerator and other electric home appliances.
	2. As a finish for use on the plastic substrates such as ABS, modified PPO(noryl).

Physical Properties

Finish and Color	Gloss, Clear.
Specific gravity	0.96
Solids by volume	Approx. 36 %
Spreading rate (Theoretical)	9 m ² /L in 40 μm dry film thickness on a smooth surface. (Theoretical)
Flash point	23 °C – 32 °C / 73 °F – 89 °F (Closed cup).

Application details

Surface preparation	Remove any oil and grease, dust and other contaminants from the surface to be coated with suitable solvent.
Preceding coat	KORETHAN ENAMEL UT578(A)
Method of application	Air spray application. – Nozzle orifice : 1.2 ~ 1.5 mm – Output pressure : 405.3 – 506.6 kPa (Above air spray data are indicative and subject to adjustment). Use the well strained paint. Strain through 325 mesh screen. Clean tools thoroughly before and immediately after use.
Mixing	Base (UT5015-A) : Curing Agent (UT5015-B) = 2 : 1 (by volume). Mix separately, then together combine and mix thoroughly prior to application in the proportion.
Thinning	None. If necessary, use THINNER No. 037U.
Application conditions	Preferred temperature during application is 20 °C ~ 28 °C / 68 °F ~ 82 °F, and relative humidity preferable 50 ~ 85 %.
Film thickness	Recommended per coat 35 ~ 45 microns dry.
Drying time	At 20 °C / 68 °F – Set to touch : 30 min, Fully cured : 5 d Force drying : 60 °C / 140 °F X 30 min (Surface temperature)
Pot life	At 20 °C / 68 °F, 4 h Mix only the amount which can be used in pot life.
Recoating interval	At 20 °C / 68 °F – Minimum : 10 h, Maximum : 5 d

Storage and package

Shelf life	12month
Packing Unit	1) 18 L [Base(UT5015-A):Curing Agent(UT5015-A) = 12 L:6 L] 2) 4 L [Base(UT5015-A):Curing Agent(UT5015-B) = 2.66 L:1.34 L]
Remarks	
Note	– Protect skin and eyes, and avoid prolonged breathing of solvent vapors. – Use with adequate ventilation. – Keep away from heat, sparks and open flames.
1'st issue	2007-07-01
Revision	

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.

