



KORETHANE TOPCOAT UT5732 is a two component, polyester resin based base coat.

It is specially designed for coating on automotive exterior parts for excellent adhesion, flexibility, weather ability and appearance.

Recommended use	As a base coat for use on automotive exterior plastic parts.
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Physical Properties

Finish and Color	Gloss Colors are depending on KCC's standard color card and other colors are available on request.
Specific gravity	0.96 ~ 1.32 (kg/L) according to color.
Solids by volume	Solid color 30 ~ 45 %, Metallic color 25 ~ 35 %
Spreading rate (Theoretical)	11 ~ 17 m ² /L in 20 microns dry film thickness on a smooth surface.
Flash point	21 ~ 32 °C / 71 ~ 90 °F (closed cup).

Application details

Surface preparation	Remove thoroughly any residual release, oil and grease. Surface preparation agent is Iso Propyl Alcohol(IPA) or aliphatic hydrocarbons.
Preceding coat	Koretan RP2143(H) or according to specification
Method of application	Air spray application – Nozzle orifice : 1.2 ~ 1.5 mm – Output pressure : 4 ~ 5 atm (Above air spray data are indicative and subject to adjustment).
Mixing	Base : Curing Agent 958(HMC)C.A = 90 : 10 (by volume). Mix separately, then combine together and mix thoroughly prior to application in the proportion.
Thinning	THINNER No. 064, 0278(HMC) Adjust the paint viscosity up to 15 ~ 18 seconds in Ford cup No. 4 (at 20 °C / 68 °F).
Application conditions	Preferred temperature during application is 20 ~ 28 °C / 68 ~ 82 °F humidity preferable 50 ~ 85%
Film thickness	Typical 40 μm dry. Film Thickness Depending on the purpose and the area of use, different film thickness may be applied
Drying time	wet on wet (baking condition depends on clear coat)
Pot life	At 20 °C / 68 °F , 4 hours. Mix only amount which can be used within pot life.
Recoating interval	At 20 °C / 68 °F , Minimum : 18 h, Maximum : Free 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.

Storage and package	
Remarks	
Note	– Use with adequate ventilation. – Avoid prolonged breathing of solvent vapors. – Keep away from sparks and open flames. – Mix thoroughly prior to application. – Store unused material in tightly closed original containers.
1'st issue	2008-01-01
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.

