



KORETHAN POLYURETHANE UT2578 is a two-component, acrylic polyurethane resin based finish with excellent color and gloss retention, workability and durability.

It forms a tough film with very good resistance to weathering and chemicals.

Recommended use	1. As a topcoat for refinishing of the high quality car, refrigerator and other electric home appliances. 2. As a topcoat for use on the general steel appliances.
------------------------	---

Physical Properties

Finish and Color	Gloss, Semi gloss, Flat Colors are depending on KCC's standard color card, and other colors are available on request.
Specific gravity	Approx. 0.9 ~ 1.3 (kg/ℓ).
Solids by volume	Approx. 32~38% It's depended on color
Spreading rate (Theoretical)	9~10m ² /ℓ in 40 microns dry film thickness on a smooth surface.
Flash point	23°C ~ 32°C / 73°F ~ 89°F (Closed cup)
Viscosity	Approx. 60~70 Ku (25°C)

Application details

Surface preparation	* For repair work : Sand the failure areas of paint film cleanly, and allow to dry thoroughly. * For new work : Remove any dust, oil , grease and other impurities from the surface to be coated and allow to dry completely.
Preceding coat	* Korethane primer UP171PTA or UP195 Also you could Korethane surfacer UU271.
Method of application	Air spray application. Nozzle orifice : 1.3 ~ 1.5 mm Output pressure : 4 ~ 5 atm (Above air spray data are indicative and subject to adjustment). Use the well strained paint.
Thinning	Thinner No. ZY0404(HCE), 0278(HD) or 037U(Thinning ratio : 5 ~ 10% by Vol.). Adjust the paint viscosity up to 16 ~ 20 seconds in Ford Cup No.4. Do not dilute components separately, only the mixture.
Application conditions	Preferred, temperature during application is 15°C/59°F~25°C/77°F, and relative humidity conditions preferably below 35%~85%.
Film thickness	Recommended per coat 40 ~ 50microns dry. 1 ~ 2 coats are recommendable.
Drying time	At 20°C/68°F, Set to touch : Approx. 30 minutes Dry hard : Approx. 10 hours. Fully cured : Approx. 7 days Force drying : 80°C / 176°Fx 30 minutes
Pot life	Approx. 8 hours (at 20°C / 68°F, 40% diluted)

Recoating interval	At 20°C /68°F, MIN. 10 hours
Storage and package	
Packing Unit	16L (Base : Curing Agent = 10.6L : 5.4L) 4L (Base : Curing Agent = 2.66L : 1.34L)
Remarks	
Note	Protect skin and eyes, and avoid prolonged breathing of solvent vapors. Use with adequate ventilation. Keep the recommended film thickness at application. Thick film per coat may result in bubbling defect. Clean tools immediately after use.
1'st issue	2010-11-06
Revision	2017-03-21

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.

