



URETHANE PRIMER UP171 is a two-component, polyurethane resin based primer with excellent workability. It has excellent water resistance, adhesion, rust preventing properties and outstanding resistance to mechanical wear and tear.

Recommended use	As a primer for touch up work on baking type paint, and as a primer for use on the vehicles, machine tools, heavy equipment, electric appliances, tank, container, etc.
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Physical Properties

Finish and Color	Flat. Reddish brown
Specific gravity	Approx 1.2 ~ 1.3 (kg/l)
Solids by volume	Approx. 40~45% It's depended on color
Spreading rate (Theoretical)	14.3m ² /l in 30 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	Steel : Blast Cleaning to Sa 2½ or phosphating treatment.
Preceding coat	No need
Method of application	Mixing-PTA (Base) : PTB (Curing Agent UP171PTB) = 4 : 1 (by volume) Brush, Roller, Spray(air or airless) application.
Thinning	URETHANE THINNER No. 037U (Thinning ratio : 30 - 40%). Do not dilute the components separately, only the mixture
Application conditions	Do not apply at temperature below 5°C/41°F or above 35°C/85°F, and keep the relative humidity below 85%. The surface to be coated should be clean and dry. The Surface temperatures must be above the dew point to avoid condensation.
Film thickness	Recommended per coat 30 ~ 40 microns dry.
Drying time	At 20°C / 68°F, Set to touch : Within 30 minutes. Dry through : Within 4 hours
Pot life	Approx. 4 hours (at 20°C / 68°F, 40% diluted)
Recoating interval	4 hours (After Dry through).

Storage and package

Packing Unit	12.8L : 3.2L = 16L
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PTA : PTB

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	2013-01-01
Revision	2016-05-24

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.

