



RAINBOW

ONE PACK POLYURETHANE MAINTENANCE PRIMER

PRODUCT NUMBER	700
TYPE	The one-pack, moist curing type of primer based on polyisocyanate resin with rust prevent pigments such as zinc powder, flake and rust-converter etc.
USES	Used for steel structures, bridges, tanks, steel pipes and steel ware to anti-corrosion and maintenance.
CHARACTERISTICS	<ol style="list-style-type: none">1. Saving time and cost because of one component and easy application.2. Moist curing type of coating can be applied in highly humid environment.3. Excellent permeability to rust surface due to low viscosity then can fully wetting and tightly seal with rust surface and steel substrates.4. Suitable for the steel substrates which prepared by water-jetting or by hand and power tool cleaning and being unable to blast.5. Excellent resistance to chemicals, water, weather, and are qualified CNS 10757 K6801 for 3000 hours of salt spray (fog) test.6. Very fast drying and saving time.
COLOR	Brown, Gray
HIDING POWER	Above 10 m ² /L
SPECIFIC GRAVITY	Above 2.2 Kg/L
VISCOSITY	90 ~ 110 KU (25°C)
DRYING TIME	Set-to-touch 1/2 hr. Dry hard 4 hrs. (25°C)
OPTIMUM FILM THICKNESS	Wet 100 microns Dry 60 microns
OVERCOATING INTERVALS	Min. 3 hrs. Max. 30 days (30°C)
THEORETICAL COVERAGE	37.8 m ² /Gal 10.0 m ² /L 4.1 m ² /Kg @ DFT : 60 microns 22.7 m ² /Gal 6.0 m ² /L 2.5 m ² /Kg @ DFT : 100 microns
VOLUME SOLIDS	Above 60%
THINNER	No.736 Polyurethane Thinner
THINNING RATE	0 ~ 5% (by wt.)
SUBSEQUENT COATS	Polyurethane, Epoxy, Top-Long, Yung-Flon.
STORAGE SHELF LIFE	Minimum 6 months under normal storage conditions.
APPLICATION METHOD	Airless Spray, Brush, Roller
NOTE	<ol style="list-style-type: none">1. Adhered moisture, grease, and dirt on substrate must be cleaned thoroughly.2. Stir evenly before use, dilution of the paint must use the specified thinner to avoid the paint film forming bubbles or pinholes3. The cover of can must be tightly closed to avoid reaction with moisture in air to form bubbles and gelation. To add a few No.736 Polyurethane Thinner over the residue paint in the can or change to smaller container and close tightly to avoid the gelation.4. Strictly controlling application, not to exceed 80 microns per coat to avoid bubbles formation.5. Better use up within 3 days when the can was opened.

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