



# RAINBOW

## MOISTURE CURED 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"><li>1. Saving time and cost because of one component and easy application.</li><li>2. Moist curing type of coating can be applied in highly humid environment.</li><li>3. Excellent permeability to rust surface due to low viscosity then can fully wetting and tightly seal with rust surface and steel substrates.</li><li>4. Suitable for the steel substrates which prepared by water-jetting or by hand and power tool cleaning and being unable to blast.</li><li>5. Excellent resistance to chemicals, water, weather.</li><li>6. Very fast drying and saving time.</li></ol>
COLOR	Brown, Gray
HIDING POWER	Above 10 m <sup>2</sup> /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 <sup>2</sup> /Gal      10.0 m <sup>2</sup> /L      4.1 m <sup>2</sup> /Kg @ DFT : 60 microns 22.7 m <sup>2</sup> /Gal      6.0 m <sup>2</sup> /L      2.5 m <sup>2</sup> /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"><li>1. Adhered moisture, grease, and dirt on substrate must be cleaned thoroughly.</li><li>2. Stir evenly before use, dilution of the paint must use the specified thinner to avoid the paint film forming bubbles or pinholes</li><li>3. 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.</li><li>4. Strictly controlling application, not to exceed 80 microns per coat to avoid bubbles formation.</li><li>5. Better use up within 3 days when the can was opened.</li></ol>

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