

POLYURETHANE COATING, COLORS (N-TYPE)

NO	No.726~730 & No.745 (UP-04)	
TYPE	Two-pack, polyurethane finish enamel based on Aliphatic Polyisocyanate Hardener with weather resistant Resins and non-yellowing Pigments.	
USES	Topcoat for steel structure for vehicles, bridges, ships, power plant, oil refineries, pulp factory, chemical plant, and wooden metal FRP products, etc.	
CHARACTERISTICS	<ol style="list-style-type: none"> 1. High gloss with excellent appearance. 2. Excellent resistance to weathering with gloss retention. 3. Excellent resistance to oil, acids, alkali solvents and corrosive salt. 4. Excellent hardness, adhesion and abrasion resistance. 	
APPLICATION METHOD	Airless Spray, Roller, Brush.	
COLOR	Desired colors	
FINISH	Gloss(Above 90%)	
HILDING POWER	Above 10 m ³ /L(Mixture)	
SPECIFIC GRAVITY	Above 1 kg/L (Mixture)	
VISCOSITY (25°C)	55 ~ 70 KU (Mixture)	
DRYING TIME (25°C)	Set-to-touch	1 hr.
	Dry hard	6 hrs.
OVERCOATING INTERVALS (25°C)	Min.	15 hrs.
	Max.	5 days.
FILM THICKNESS	Wet	70 ~ 110 microns
	Dry	30 ~ 50 microns
TEMPERATURE RESISTANCE	Continuous:93°C	Intermittent:121°C
SOLIDS (by Weight)	Above 50%	
THEORETICAL COVERAGE	9.0 m ³ /L 9.0 m ³ /kg 34.4 m ³ /Gal (WFT:110 microns)	
THINNER	NO.736 PU Thinner	
THINNING RATE	10 ~ 25 %(by wt.)	
PRECEDING COATS	No.711/733 or Epoxy Primer	
STORAGE SHELF LIFE	Minimum 1 year under normal storage conditions.	
MIXING RATIO	Base : Hardener = 85 : 15 (by wt.)	
POT LIFE	4 hrs. (Mixture) (25°C)	
NOTE	<ol style="list-style-type: none"> 1. Mix base and hardener according to the mixing ratio and stir thoroughly. 2. Moisture, grease, rust, dirt and loose paints film on substrate must be removed, so are the corrosive salt particles. As a result, paint performance can be ensured. 3.Using the No.736 thinner to avoid bubble and pin-hold. 4. Hardener must be tightly closed to avoid reaction with moisture in air to form bubbles and gelation. 5. Attention to the pot life. 6. Strictly controlling application, not to exceed 50 μ per coat, to avoid bubble formation. 7. All equipment must be cleaned immediately after use. 8. Do not using No.1202 primer. 	