



RAINBOW

MOISTURE CURED POLYURETHANE TOPCOAT

PRODUCT NUMBER	NO.747
TYPE	One component moisture cured polyurethane topcoat based on aliphatic polyisocyanate resin.
USES	Used for wooden, metal, FRP products, and water-proof coating.
CHARACTERISTICS	<ol style="list-style-type: none">1. One component, easy to apply.2. Excellent resistance to chemicals, water and weather.3. Excellent adhesion, hardness, flexibility and abrasion resistance.4. Simplest topcoat for anti-corrosion and water-proofing.
COLOR	White, grey and desired color.
HIDING POWER	Above 12.5 m ² /L
WEIGHT	Above 1.2 kg/L
VISCOSITY (25 °C)	60~100 KU (25 °C)
DRYING TIME (25 °C)	Set-to-touch 2 hrs. Dry hard 8 hrs. (25 °C)
OPTIMUM FILM THICKNESS	DFT=50 μm (microns) / WFT=86 μm (microns)
OVERCOATING INTERVALS (25°C)	Min 12 hrs. Max 30 days (25 °C)
THEORETICAL COVERAGE	43.9 m ² /Gal / 11.6 m ² /L / 9.4 m ² /kg (DFT=50 μm)
VOLUME SOLID	Above 58 %
THINNER	NO.736
THINNING RATE	0~10% (cleaning tools excluded)
SUBSEQUENT COATS	Epoxy coating, PU coating, UP-100, NO.789, and NO.890
STORAGE SHELF LIFE	12 months under normal storage conditions.
APPLICATION METHOD	Airless spray, spray, brush and roller.
NOTE	<ol style="list-style-type: none">1. Adhered moisture, grease, dirt, dust, rust and corrosion salts on substrate must be removed thoroughly.2. Stir thoroughly before application and please use NO.736 thinner for dilution to avoid effect quality.3. The remaining coating must be used as soon as possible, otherwise it will be gelled.4. Coating cover must be tightly closed to avoid reaction with moisture in air to form bubbles and gelation.5. Coating film would not be applied higher than 100 μm, otherwise easy to bubbling.6. Avoid apply coating in the moisture below 50% RH or above 85% RH.

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