



RAINBOW

POLYURETHANE COATING (N-TYPE)

PRODUCT NUMBER	728
TYPE	A two-pack, non-yellowing polyurethane coating based on acrylic resin, polyol resin and isocyanate hardener with weather resistant pigment.
USES	Used for wood products, vehicle, metal products and FRP.
CHARACTERISTICS	<ol style="list-style-type: none">1. High gloss with smooth appearance.2. Excellent weather resistance with good gloss and color retention.3. Excellent resistance to acids, alkalis, oils and salts.4. Excellent adhesion, hardness and abrasion resistance.
FINISH	High gloss
COLOR	Red
HIDING POWER	Above 10.0 m^2/L (mixture, depending on the color)
MASS DENSITY	Above 1.0 Kg/L (mixture)
VISCOSITY	60~80 KU (mixture, 25°C)
DRYING TIME	Set-to-touch 1 hr. Dry hard 6 hrs. (25°C).
OPTIMUM FILM THICKNESS	Wet 60 microns Dry 30 microns
THEORETICAL COVERAGE	63.0 m^2/Gal 16.7 m^2/L 15.2 m^2/Kg
OVERCOATING INTERVALS	Min. 4 hrs. Max. 6 months
MIXING RATIO	Base : hardener = 84 : 16 (by wt.)
NON-VOLATILE CONTENTS	Above 55% (mixture)
POT LIFE	4 hrs. (mixture, 25°C)
HEAT RESISTANCE	Continuous 93°C Intermittent 121°C
THINNER	No.736 Polyurethane Thinner
THINNING RATE	10~20% (cleaning tools excluded)
PRECEDING COATS	No.711 Polyurethane Sanding No.733 Polyurethane Zinc Chromate Primer (for metal) Epoxy Primers Series
STORAGE SHELF LIFE	Minimum 1 year under normal storage conditions.
APPLICATION METHOD	Spray, Brush, Roller
NOTE	<ol style="list-style-type: none">1. Mix base and hardener according to the mixing ratio and stir thoroughly.2. Adhered moisture, grease, dust on substrate must be removed thoroughly.3. Please use special thinner for dilution to avoid causing bubbles or pinholes.4. Hardener cover must be tightly closed to avoid reaction with moisture in air to form bubbles and gelation.5. Mixture of base and hardener must be used up within pot life.6. Strictly controlling application, not to exceed 50 microns per coat, to avoid bubbles formation.7. All equipments must be cleaned immediately after use.8. The lacquer sanding is not suitable as a primer for this paint.9. Avoid applying paint in rainy or the moisture above 85% RH, otherwise the adhesion will be affected by moisture of substrate and the paint film will be loss its gloss.

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YUNG CHI PAINT & VARNISH MFG. CO., LTD.

No.26, Yen Hai 3rd Road, Kaohsiung, Taiwan.
<http://www.rainbowpaint.com.tw>

TEL:886-7-8713181
FAX:886-7-8715443