



# RAINBOW

## POLYURETHANE COATING, COLORS (N-TYPE)

PRODUCT NUMBER	726S / 727S / 728S / 729S / 745S
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"><li>1. High gloss with smooth appearance.</li><li>2. Excellent weather resistance with good gloss and color retention.</li><li>3. Excellent resistance to acids, alkalis, oils and salts.</li><li>4. Excellent adhesion, hardness and abrasion resistance.</li></ol>
FINISH	High gloss
COLOR	Desired colors
HIDING POWER	Above 10.0 $\text{m}^2/\text{L}$ (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 $\text{m}^2/\text{Gal}$ 16.7 $\text{m}^2/\text{L}$ 15.2 $\text{m}^2/\text{Kg}$
OVERCOATING INTERVALS	Min. 4 hrs.    Max. 30 days.
MIXING RATIO	Base : hardener = 86 : 14 (by wt.)
VOLUME SOLID	Above 45% (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"><li>1. Mix base and hardener according to the mixing ratio and stir thoroughly.</li><li>2. Adhered moisture, grease, dust on substrate must be removed thoroughly.</li><li>3. Please use special thinner for dilution to avoid causing bubbles or pinholes.</li><li>4. Hardener cover must be tightly closed to avoid reaction with moisture in air to form bubbles and gelation.</li><li>5. Mixture of base and hardener must be used up within pot life.</li><li>6. Strictly controlling application, not to exceed 50 microns per coat, to avoid bubbles formation.</li><li>7. All equipments must be cleaned immediately after use.</li><li>8. The lacquer sanding is not suitable as a primer for this paint.</li><li>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.</li></ol>

EPDM710726SX V1.4

# 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