



# RAINBOW

## POLYURETHANE COATING, BLACK (N-TYPE)

PRODUCT NUMBER	730
TYPE	A two-pack, polyurethane coating based on acrylic resin, polyol resin and isocyanate hardener with special black pigment.
USES	Used for high class wood products, sewing machine bed, metal products and FRP.
CHARACTERISTICS	<ol style="list-style-type: none"><li>1. Smooth surface without glare.</li><li>2. Excellent weather resistance with good color retention.</li><li>3. Excellent resistance to water, oils and chemicals.</li><li>4. Excellent adhesion, hardness and abrasion resistance.</li></ol>
FINISH	Gloss
COLOR	Black
HIDING POWER	Above 16.7 m <sup>2</sup> /L (mixture)
MASS DENSITY	Above 0.9 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	63.2 m <sup>2</sup> /Gal      16.7 m <sup>2</sup> /L      17.9 m <sup>2</sup> /Kg
OVERCOATING INTERVALS	Min. 4 hrs.      Max. 30 days.
MIXING RATIO	Base : hardener = 84 : 16 (by wt.)
NON-VOLATILE CONTENTS	Above 50% (mixture)
POT LIFE	4 hrs. (mixture, 25°C)
HEAT RESISTANCE	Continuous 93°C      Intermittent 121°C
THINNER	No.736 Polyurethane Thinner
THINNING RATE	10~25% (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>

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