



# RAINBOW

## POLYURETHANE ELASTIC COATING (N-TYPE)

PRODUCT NUMBER	751
TYPE	A two-pack, polyurethane elastic coating based on acrylic resin and non-yellowing isocyanate hardener.
USES	Used for ships, metal or steel structures and cement structures, such as bridge, wall, roof etc.
CHARACTERISTICS	<ol style="list-style-type: none"><li>1. High gloss with smooth appearance.</li><li>2. Excellent weather resistance with gloss and color retention.</li><li>3. Excellent resistance to acids, alkalis, oils and salts.</li><li>4. Excellent adhesion, film with soft, elasticity and ductility (elongation 150% above).</li></ol>
GLOSS	Above 90%
COLOR	White or desired colors
HIDING POWER	Above 10 m <sup>2</sup> /L (mixture)
MASS DENSITY	Above 1.1 Kg/L (mixture)
VISCOSITY	50~70 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      14.8 m <sup>2</sup> /Kg
OVERCOATING INTERVALS	Min. 15 hrs.      Max. 5 days (25°C)
MIXING RATIO	Base : hardener = 80 : 20 (by wt.)
NON-VOLATILE CONTENTS	Above 60% (mixture)
POT LIFE	4 hrs. (mixture, 25°C)
THINNER	No.736 Polyurethane Thinner
THINNING RATE	10~25% (cleaning tools excluded)
PRECEDING COATS	No.1080 Solventless Epoxy Elastomer Coating, Polyurethane or Epoxy Primers
STORAGE SHELF LIFE	Minimum 1 year under normal storage conditions.
APPLICATION METHOD	1.Spray    2.Brush/Roller (only for hand-type)
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. If change application method from airless spray to brush or roller, please advice our sales representative.</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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