



# RAINBOW

## POLYURETHANE COATING · WHITE(NN-TYPE)

PRODUCT NUMBER	712
TYPE	A two-pack, polyurethane coating based on polyol resin and isocyanate with weather resistant titanium dioxide.
USES	Used for vehicles, aluminum products, wood products and FRP.
CHARACTERISTICS	<ol style="list-style-type: none"><li>1. High gloss and hardness, excellent flexibility and abrasion resistance.</li><li>2. Excellent resistance to water, oils and solvents.</li><li>3. Excellent resistance to acids, alkalis and salts.</li><li>4. Excellent weather resistance, non-yellowing and without losing gloss.</li></ol>
GLOSS	Above 90%
COLOR	White
MASS DENSITY	Above 1.25 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 65 microns                      Dry 30 microns
THEORETICAL COVERAGE	58.2 m <sup>2</sup> /Gal      15.4 m <sup>2</sup> /L      12.3 m <sup>2</sup> /Kg
OVERCOATING INTERVALS	Min. 15 hrs.      Max. 5 days (25°C)
MIXING RATIO	Base : hardener = 75 : 25 (by wt.)
NON-VOLATILE CONTENTS	Above 60% (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	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. Mixture of base and hardener must be used up within pot life.</li><li>5. Hardener cover must be tightly closed to avoid reaction with moisture in air to form bubbles and gelation.</li><li>6. All equipments must be cleaned immediately after use.</li><li>7. The lacquer sanding is not suitable as a primer for this paint.</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>

EPDM710712XX V1.0

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