



# RAINBOW

## POLYURETHANE CLEAR COATING (NN-TYPE)

PRODUCT NUMBER	713
TYPE	A two-pack, non-yellowing polyurethane clear coating based on acrylic resin and polyol resin with isocyanate hardener.
USES	Used for wood products and metal products, such as furniture, musical instruments, handicrafts, sports equipment etc.
CHARACTERISTICS	<ol style="list-style-type: none"><li>1. High gloss and hardness, good gloss and color retention.</li><li>2. Excellent adhesion with wood and metal products.</li><li>3. Excellent resistance to acids, alkalis, oils and salts.</li><li>4. Excellent resistance to abrasion and heat.</li></ol>
APPEARANCE	Transparent liquid
MASS DENSITY	Above 1.0 Kg/L (mixture)
VISCOSITY	55~80 KU (mixture, 25°C)
DRYING TIME	Set-to-touch 1 hr.                      Dry hard 6 hrs. (25°C).
OPTIMUM FILM THICKNESS	Wet 70 microns                      Dry 25 microns
THEORETICAL COVERAGE	54.1 m <sup>2</sup> /Gal      14.3 m <sup>2</sup> /L      14.1 m <sup>2</sup> /Kg
OVERCOATING INTERVALS	Min. 4 hrs.      Max. 30 days.
MIXING RATIO	Base : hardener = 70 : 30 (by wt.)
NON-VOLATILE CONTENTS	Above 40% (mixture)
POT LIFE	4 hrs. (mixture, 25°C)
THINNER	No.736 Polyurethane Thinner
THINNING RATE	5~20% (cleaning tools excluded)
PRECEDING COATS	No.711 Polyurethane Sanding
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. The lacquer sanding is not suitable as a primer for this paint.</li><li>9. If change application method from airless spray to brush or roller, please advice our sales representative.</li><li>10. 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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