



RAINBOW

POLYURETHANE ELASTIC COATING (N-TYPE)

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| 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">1. High gloss with smooth appearance.2. Excellent weather resistance with gloss and color retention.3. Excellent resistance to acids, alkalis, oils and salts.4. Excellent adhesion, film with soft, elasticity and ductility (elongation 150% above). |
| GLOSS | Above 90% |
| COLOR | White or desired colors |
| HIDING POWER | Above 10 m^2/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^2/Gal 16.7 m^2/L 14.8 m^2/Kg |
| OVERCOATING INTERVALS | Min. 4 hrs. Max. 30 days. |
| 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">1. Mix base and hardener according to the mixing ratio and stir thoroughly.2. Adhered moisture, grease, dust on substrate must be removed thoroughly.3. Please use special thinner for dilution to avoid causing bubbles or pinholes.4. Hardener cover must be tightly closed to avoid reaction with moisture in air to form bubbles and gelation.5. Mixture of base and hardener must be used up within pot life.6. Strictly controlling application, not to exceed 50 microns per coat, to avoid bubbles formation.7. All equipments must be cleaned immediately after use.8. If change application method from airless spray to brush or roller, please advice our sales representative.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. |

EPDM710751XX V1.3

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