



RAINBOW

EPOXY ZINC RICH PRIMER, AA

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| NO | No.1027(EP-03AA) |
| TYPE | A two-pack, zinc rich epoxy primer based on epoxy Resin, Polyamide hardener and high zinc content. |
| USES | The primer for protection of chemical plant, power plant, oil refineries, ship, bridges, tanks and general steel constructions, etc. |
| CHARACTERISTICS | <ol style="list-style-type: none">1. Very fast drying with excellent adhesion.2. Excellent resistance to mechanical damage.3. Excellent resistance to sea water, weathering and abrasion.4. Follow CNS K20875. Very good resistance to galvanic action.6. Excellent protection for steel. |
| APPLICATION METHOD | Airless Spray · Air Spray · Brush |
| COLOR | Gray |
| FINISH | Flat |
| SPECIFIC GRAVITY | Above 2.0 kg/L (Mixture) |
| VISCOSITY (25°C) | 75 ~ 90 KU (Mixture) |
| DRYING TIME (25°C) | Set-to-touch 30 mins. Dry hard 8 hrs. |
| OVERCOATING INTERVALS | 32°C 21°C 10°C 0°C 4 hrs. 8 hrs. 16 hrs. 48 hrs. |
| OPTIMUM FILM THICKNESS | Wet 94 ~ 142 microns Dry 50 ~ 75 microns |
| VOLUME SOLIDS | Above 53% (Mixture) |
| THEORETICAL COVERAGE | 10.6 m ² /L 40 m ² /GL @ 50 μ/DFT |
| THINNER | No.1005 Epoxy Thinner |
| THINNING RATE. | 5 ~ 10 % (by wt.) |
| SUBSEQUENT COATS | Vinyl, Chlorinated Rubber, Epoxy or Polyurethane system paints. |
| STORAGE SHELF LIFE | Minimum 1 year under normal storage conditions. |
| MIXING RATIO | Base : Hardener = 91.3 : 8.7 (by wt.) |
| POT LIFE | 8 hrs. (Mixture) (25°C) |
| SURFACE PREPARATION | SSPC-SP-10 SIS Sa 2 1/2 |
| NOTE | <ol style="list-style-type: none">1. Pour the hardener into the base with constant stirring. After all the hardener is added and then pass through 80-mesh filter.2. The loose white materials such as zinc oxide, zinc hydroxide or zinc carbonated, etc. formed on weather exposed film should be removed before subsequent coating.3. Sand Blasting to SSPC-SP-10 or SIS Sa 2 1/2 before coating.4. When used inside tanks, sufficient ventilation must be provided.5. Keep stirring during application. |

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