



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. Complied with the CNS 4936 second type of organic zinc rich coating.5. 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) |
| DRYING TIME (25°C) | Set-to-touch 30 mins. Dry hard 8 hrs. 32°C 21°C 10°C 0°C 4 hrs. 8 hrs. 16 hrs. 48 hrs. |
| OVERCOATING INTERVALS | Wet 94 ~ 142 microns Dry 50 ~ 75 microns |
| OPTIMUM FILM THICKNESS | |
| SOLID CONTENT | Above 75% (Mixture) |
| VOLUME SOLIDS | Above 53% (Mixture) |
| THEORETICAL COVERAGE | 10.6 m ² /L 40 m ² /GL @ 50 μ/DFT |
| THINNER | No.1005 Epoxy Thinner (SP-12) |
| 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 = 90.5 : 9.5 (by wt.) |
| POT LIFE | 5 hrs. (Mixture) (25°C) |
| 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. Grease, moisture, dust, floating rust, etc. on the iron surface must be derusted by sand blasting to SSPC-SP-10 or SIS Sa 2 1/2 and up before coating.4. When use inside tanks, sufficient ventilation must be provided.5. Keep stirring during application. |

EPDM421027XX V1.3

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