EPOXY ALUMINUM TRIPOLYPHOSPHATE PRIMER

PRODUCT NUMBER 1075 (EP-99)

TYPE A two-pack, anti-corrosive paint based on epoxy resin and iron dioxide with aluminum tripolyphosphate non-pollution pigment.

USES Used for the steel structures of boottop above, storage tank, pipeline, plant facility.

CHARACTERISTICS
1. Excellent resistance to sea water.
2. Excellent rust preventive properties.
3. Tough and hard film with very good adhesion.
4. Excellent resistance to mechanical damage.
5. Very good resistance to oils and chemicals.

FINISH Flat

COLOR Oxide Red, white or grey

FLASH POINT 20°C (68°F)

MASS DENSITY Above 1.3 Kg/L (mixture)

VISCOSITY 70~85 KU (mixture, 25°C)

DRYING TIME Set-to-touch 1 hr. Dry hard 4 hrs. Fully cured 7 days (25°C)

OPTIMUM FILM THICKNESS Wet 100 microns Dry 45 microns

THEORETICAL COVERAGE 37.8 m²/Gal 10.0 m²/L 7.4 m²/Kg.

OVERCOATING INTERVALS Min. 8 hrs. (25°C)

MIXING RATIO Base : Hardener = 92.3 : 7.7 (by wt.)

NON-VOLATILE CONTENT Above 60%

POT LIFE 8 hrs. (mixture, 25°C)

THINNER No.1005 Epoxy Thinner (SP-12)

THINNING RATE 5~15%

PRECEDING COATS No.908 Wash Primer (SP-01/02)
No.1011 Inorganic Zinc Rich Primer (IZ-01)
No.1006 Epoxy Zinc Rich Primer (EP-03)

SUBSEQUENT COATS Epoxy, Vinyl, CR or PU system

FOR AIRLESS SPRAY Tip Size Graco 319~719, 321~721
Air pressure 4~6 Kg/cm²
Pressure Ratio 45:1, 33:1, 28:1 for airless spray.

STORAGE SHELF LIFE Minimum 1 year under normal storage conditions.

APPLICATION METHOD Airless Spray, Brush, Roller.

NOTE
1. Mix base and hardener according to the mixing ratio and stir thoroughly.
2. Avoid applying the paint in rainy or humid weather and particularly a wet surface must be thoroughly dried.
3. All equipment must be cleaned immediately after use.
4. When used inside tanks, sufficient ventilation must be provided.
5. When overcoating interval is exceeded, paint surface must be roughened to ensure adhesion.

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