



RAINBOW

SOLVENTFREE AMINE-CURED EPOXY FOR WATER TANK



Certified to
NSF/ANSI 61

PRODUCT NUMBER	4567
TYPE	The two-pack solventless water tank coating based on Bisphenol A epoxy resin and polyamine resin with anticorrosive pigment.
USES	Used for new water tank or maintenance old one to prevent rust, also suitable for steel and concrete structures, such as chemical plant, bridge, power plants, inlet and outlet water pipe, water ditch, sewer etc.
CHARACTERISTICS	<ol style="list-style-type: none">1. Good adhesion with steel or concrete substrate.2. Excellent resistance to water and corrosion.3. Good compatible with cathode protection system.4. No VOC emissions in the coating.5. The paint for white color obtains NSF ANSI 61 certificate, suitable for potable water tank lining.
COLOR	White
MASS DENSITY	Above 1.4 Kg/L (mixture)
VISCOSITY	Approx. 110 KU (mixture, 25°C)
DRYING TIME	Set-to-touch 4 hrs. Dry hard 8 hrs. Fully cured 5 days (25°C)
OVERCOATING INTERVALS	Min. 12 hrs. Max. 10 days (25°C)
OPTIMUM FILM THICKNESS	Wet 150 microns Dry 150 microns
VOLUME SOLIDS	100% (mixture)
THEORETICAL COVERAGE	19.2 m ² /Gal
MIXING RATIO	Base : hardener = 3 : 1 (by wt.)
POT LIFE	Above 1 hr. (mixture, 25°C)
THINNER	No.1005 Epoxy Thinner (only for cleaning tools)
FLASH POINT	Above 100°C (mixture)
STORAGE SHELF LIFE	Minimum 1 year under normal storage conditions.
COATING SYSTEM	Steel: No.4567(white/150 μ) + No.4567(white/150 μ), total 300 μ Concrete: No.1073(25 μ) + No.4567(white/150 μ) + No.4567(white/150 μ), total 325 μ
APPLICATION METHOD	Airless spray (brush or roller is limited to small repair)
FOR AIRLESS SPRAY	Tip size 0.019"~ 0.025" inlet air pressure above 6 Kg/cm ²
NOTE	<ol style="list-style-type: none">1. Adhered grease, dust and sand on substrate must be cleaned thoroughly. Steel surface must be blast-cleaned to ISO-Sa 2 1/2 or SSPC-SP-10, the roughness of surface must reach 30 microns and above.2. Mix base and hardener according to the mixing ratio and stir thoroughly and then apply within 60 minutes.3. Use 60:1or greater airless spray.4. When applied, please wear gloves to avoid skin to touch, accidentally when the mouth, nose or eye touch, immediately wash with water.5. When used inside tanks, sufficient ventilation must be provided.6. When overcoating interval is exceeded, paint film surface must be roughened to ensure adhesion.7. If have any question related in the coating system, please contact with our technical department.

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