

REC EPO 00291

AMINE-CURED EPOXY TANK LINING

DESCRIPTION

The two-pack, high build water tank coating based on Bis phenol epoxy resin and poly amine resin with anti-corrosive pigment.

PRIMARY APPLICATION

1. Used for the cement substrate, the steel structures of ship, bridge, steel frame, tank, factory equipment etc.
2. Especially suitable for fuel tanks, seawater ballasted fuel tanks, seawater tanks, bilges, and other ship structures, interior and exterior.

FEATURES/BENEFITS

- Tough and hard film, rich flexible and adhesion.
- Excellent chemicals resistance, especially in water, alkali liquid, petroleum and organic solvents.
- Excellent resistance to abrasion, impact and electrical insulation.
- Excellent resistance to the penetration of moisture and corrosive gases.
- Excellent resistance to gasoline, diesel, naphtha, crude oil, kerosene, reforming oil, light-waste oil, residual oil, fuel oil and airplane jet fuel.
- No VOC emissions in the coating.

TECHNICAL INFORMATION

PROPERTIES:

Color	White / Gray
Finish	Gloss
Density	Above 1.3Kg/L (mixture)
Overcoating Intervals	12 hours - 10days (25°C)
VOC Values	Nil
Volume Solids	100%(mixture)
Theoretical Coverage	37.8 m ² /Gal (DFT=100µm)
Dry Film Thickness	100-150 µm
Repair	Self-Repairing
Heat Resistance	93°C (dry environment)
Pot Life	2 hours at 25 °C

DIRECTIONS FOR USE

SURFACE PREPARATION

Remove dirt, dust, oil and all other contaminants that could interfere with adhesion of the coating. Surfaces must be clean and dry. Moisture, grease, sludge, dust, corrosive salt must be thoroughly cleaned from substrate. Surface preparation standards can use SSPC-SP10).

PRIMED SURFACES

REC EPO 00291 should always be applied over a recommended anti- corrosive coating scheme. The primer surface should be dry and free from all contamination and it must be applied within the over coating intervals specified.

AREAS OF BREAKDOWN AND DAMAGE

It should be prepared to the specified standard SSPC-SP6, Abrasive Blasting or SSPC-SP11, Power Tool Cleaning) and patch primed prior to the application.

MIXING & THINNING

Mix base and hardener according to the mixing ratio and stir thoroughly.

MIXING RATIO

Base: Hardener = 3: 1 (By volume)

Note: Use Epoxy Thinner to thin up 5-10%.

APPLICATION TOOLS

a. SPRAY APPLICATION

Avoid applying the paint in rainy weather or the relative humidity exceed 85%, particularly, a wet surface must be thoroughly dried. All equipment must be cleaned immediately after use. To increase or decrease the usage of thinner depending on the temperature of the coated surface, the temperature decreased may have to add more amount of thinner.

b. BRUSH, AIRLESS SPRAY AND ROLLER

Application by brush, airless spray and roller is applicable. For special condition please consult Technical Department of RECKON CHEMICALS PVT LTD.

SPECIFIC CONDITIONS

Condition	Coating	Surface	Environment	Humidity
Minimum	10°C (50°F)	10°C (50°F)	10°C (50°F)	30%
Maximum	35°C (95°F)	55°C (131°F)	45°C (113°F)	85%

CURING

Curing depends on the temperature and site-specific conditions.

CLEANING

Use **REC CLEANER** to clean. In case of spillage, absorb and dispose of in accordance with local applicable regulations.

PACKAGING

REC EPO 00921 can be supplied in a full kit packaging.

STORAGE

Up to 2 years when stored in accordance with manufacturer's instructions.

QUALITY STATEMENT

All our products are manufactured to comply with our internal QA/QC program and quality management system to ensure consistency and quality.

DISCLAIMER

While the company guarantees its products against defective materials, the use and application of these products are made without guarantee since the conditions of their application are beyond its control. It is recommended to verify with the company that the product is suitable for the intended use. This Data Sheet version is the latest one. The company may modify it without any prior notice. Technical characteristics are listed for guidance only. For more information, please contact the company's head office located in Lahore.

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RECKON CHEMICALS PRIVATE LIMITED
21 CCA, BLOCK B, KHAYABAN-E-AMIN, LAHORE
Toll: +92-42-35452620, +92-42-35230419
Web: www.reckonchemicals.com
Email: Info@reckonchemicals.com

