

EPOXY COALTAR

RAMCOAT[®] CT EPOXY

Product Description

A two pack epoxy tar coating having excellent water and alkali resistance. This is suitable for protection of steel in conjunction with cathodic protection systems. It withstands back-filling materials and is not affected by alkalinity or sulphates in soil water.

Recommended Use

- An ideal coating for protection of sluice and barrage gates, caissons, pipelines under water, chemical processing units.
- For application on Structural Steel, Refineries, Pulp and Paper Mill, Pipelines, Storage Tank, Roof, Water Towers, concrete walls and columns, fertilizer plants, chemical units, etc. Subjected to aggressive environment.

Technical Information

PROPERTY	SPECIFICATION
Type	Two pack
Finish	Semi Glossy
Colour	Black
Mixing Ratio	Base : Hardener – As per recommendation
Maturation Time	30 Minutes
Pot Life @ 30 °C	Above 5 hrs.
Volume Solid, %	70+2%
Recommended WFT	114-143μ
Recommended DFT	80-100μ / Coat
Covering Capacity (TCC)	8.75 m ² /l @ 80 μ DFT ; 7.00 m ² /l @ 100 μ DFT

Drying Time (At 30° C & 65 % Relative Humidity)

STAGE	TIME
Touch	4 Hrs.
Handle	12-16 hrs.
Hard	24 hrs.
Full cure	7 Day

Over Coating Interval : MIN: 24 hr MAX: 30 Day

Provided surface should be free from oil, grease, mil scale, rust & other contaminants and surface should be sufficiently roughen by sand paper no # 150 before application of further coat.

Flash Point

COMPONENT	FLASH POINT
Base	Above 25 °C
Hardener	Above 25 °C

Recommended Thinner :

"RAMCOAT" EPOXY Thinner

Shelf Life:

12 months under normal storage conditions in original containers at 30°C

SURFACE PREPARATION:

- Clean the surface and remove grease, oil, water, dust and other contaminants.
- Steel blast cleaning upto Sa 2½ Grade for better performance and if blast cleaning is not practical, make full use of mechanical tools along with manual chipping and wire brushing to lose rust and scale upto St 2/St 3 Grade. Excessive burnishing of metal substrate is to be avoided. The surface should be clean & dry before application of appropriate primer.

APPLICATION :

- Mix the base and hardener in recommended ratio keeping in mind pot life of the mixed material.
- Apply directly without thinner. However, 5%-7% Thinner may be used depending upon climatic condition.
- Brush – Apply preferably without thinning.
- Conventional Spray – Use 5-7% Thinner if required.
- Airless Spray – Airless spray essential to achieve high DFT and uniform finish
- Suggested Tip Size: 18-24 thou.
- Output fluid pressure: 2500-3000 psi.

Do not apply paint when temperature falls below 10°C or rises above 50°C and when humidity rises above 85%. Also do not apply during Rain, Fog or Mist.

Apply the paint in well ventilated area with suitable personal protective equipments.

PACKING :

- Packing : 20 l, 4 l

The information given in this literature sheet is, to the best of our knowledge, true and accurate. Their accuracy, completeness or appropriateness under the actual conditions of any intended use is not guaranteed. For further assistance please contact our technical dept.

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