

EPOXY TOP COAT

RAMCOAT[®] GUARD 112

Product Description

A two pack high performance epoxy top coat having good chemical resistance coupled with decorative appeal. It has good flexibility, adhesion, and oil resistance.

Recommended Use

- It is used in tanks, Chemicals plants, oil refineries, fertilizer complex etc.
- where outstanding chemical resistance is essential. Also suitable for concrete which is subjected to product splashes and spills.

Technical Information

PROPERTY	SPECIFICATION
Type	Two pack, cured with polyamide.
Finish	Matt / Smooth / Full Glossy
Colour	Pigmented or clear, as required
Mixing Ratio	Base : Hardener – As per recommendation
Maturation Time	30 Minutes
Pot Life @ 30° C	4 ± 1 hr
Volume Solid, %	40 ± 2
Recommended WFT	88–100 μ
Recommended DFT	35 – 40 μ / Coat
Covering Capacity (TCC)	11.42 m ² /l @ 35 μ DFT ; 10.00 m ² /l @ 40 μ DFT

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

STAGE	TIME
Touch	2-3 hrs
Handle	6-8 hrs
Hard	24 hrs
Full cure	7 Day

Over Coating Interval : MIN: 16 hr MAX: 30 days.

PROVIDED SURFACE IS CLEAN & FREE FROM ANY CONTAMINATION & DRY

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.

SURFACE PREPARATION:

- 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: 15-20 thou.
- Output fluid pressure: 2500-2800 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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