RAMCOAT®
Protecting TOMORROW

EPOXY PENETRATING PRIMER

RAMCOAT® PRIME 102

Product Description

A two Component high performance epoxy polyamide primer based on Anticorrosive Zinc Chromate And Red Oxide Pigments for application on steel surfaces. It has excellent resistance to high humidity and saline atmosphere with suitable top coats like epoxy, chloro rubber, PU etc.

Recommended Use

- For application on Structural Steel, Pipelines, Storage Tank, Plant Equipments etc. subjected to Corrosive environment.
- Suitable for Pulp & Paper, Chemical Plants, Fertilizer Plant, Refineries, Petrochemical and Pharmaceutical Industries, Cement Plants, Steel Plants, OEM sectors.

Technical Information

PROPERTY	SPECIFICATION
Type	Two Component
Finish	Smooth & Matt
Colour	Red
Mixing Ratio	Base : Hardener (By Volume) – As per recommendation
Maturation Time	20 Minutes
Pot Life @ 30° C	4 ± 1 hr
Volume Solid, %,	42 ± 2
Recommended DFT	30 ± 5µ / Coat
Corresponding WFT	60-83µ
Covering Capacity (TCC)	12.00 m^2/l @ 35µ ; 16.80 m^2/l @ 25µ

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

STAGE	TIME
Surface Dry	30-60 Min
Hard Dry	16-18 hrs
Full Cure	7 Days

Over Coating Interval : MIN: 8 hr ; MAX: 24 hrs.

Provided surface is clean, dry & free from corrosion contamination and any other salts

Flash Point

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

Recommended Thinner :

"RAMCOAT™" EPOXY Thinner

Method Of Application :

Brush, Airless or Conventional Spray

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. For further assistance pls. contact our technical dept.

APPLICATION :

- Mix the base and hardener in recommended ratio keeping in mind pot life of the mixed material.
- Apply directly without thinner. However, to adjust the viscosity, Thinner may be used depending upon climatic condition.
- Brush – Apply preferably without thinning.
- Conventional Spray – For application add Thinner if required.
- Airless Spray – Airless spray essential to achieve high DFT and uniform finish.
- Suggested Tip Size: 15-21 thou.
- Output fluid pressure: 2500-3100 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 : 20l, 4l

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.

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