



RUST-O-CAP

Two component, high build, self priming, rust encapsulating, modified epoxy coating

- Designed as a high performance maintenance coating for coastal & industrial polluted environments
- Self priming; eliminates the usage of primer
- Can be applied on marginally prepared surfaces; tolerant to lower grades of steel preparation
- Good adhesion to aged and sound epoxy, polyurethane and conventional alkyds
- Can be over coated with conventional coatings and most two component paints
- Suitable as a touch up coat in projects for weld seams and damaged epoxy coatings
- Excellent corrosion resistance
- Good chemical resistance

TECHNICAL DATA

Colour	Range	Drying time at 30° C	Surface dry : 6 hours Hard dry : 16 hours Full cure : 7 days
Gloss	Semiglossy	Over coating Interval at 30° C	Min. : 16 hours Max.: 1 month, provided surface is dry and free from all contamination
Volume Solids	Approx. 80%	Shelf Life (cool and dry place)	At least 12 months
Recommended DFT/ Coat	75 - 125 microns		
Theoretical covering capacity	10.7 Sq.mtr/ l @ 75 microns DFT 6.4 Sq.mtr/ l @ 125 microns DFT		
Flash point	Base : Not less than 24° C Hardener : Not less than 24° C		

DIRECTIONS FOR USE

SURFACE PREPARATION & SUBSTRATE CONDITION:

For immersion condition

- Steel, blast cleaned to Sa 2.5 of Swedish specification

For atmospheric exposure condition

- New hot-rolled steel; blast cleaned to min Sa 2 of Swedish specification
- Weathered steel; power tool cleaned to St 3 or hand tool cleaned to St 2
- Existing sound epoxy coating system and sound alkyd coatings; sufficiently roughened, dried, and cleaned. High pressure water washing or scrubbing to remove loose paint and contamination. Intact areas to be roughened. Damaged and rusty areas to be derusted to minimum St3 /St2 by power tool / hand tool cleaning
- Substrate temperature should be at least 3° C above dew point but not above 50° C

MIXING

Stir the base and hardener separately. If settling is observed in the base or hardener, loosen the settled material with the help of hand stirrer followed by power driven stirrer for quick homogenous mixing. Mix hardener gradually into the base under continuous stirring.

Mixing Ratio	Base : Hardener	Induction time	15 minutes
(by volume)	4 : 1	Pot life at 30° C	2 hours

APPLICATION

Application Method	Brush	Airless Spray
Recommended thinner	T - 131(for mixing) T - 121/ T - 141(for cleaning)	T - 131(for mixing) T - 121/ T - 141(for cleaning only)
Volume of thinner	5 - 15 %	5 - 20%
Nozzle Orifice		0.53 - 0.66 mm
Nozzle pressure		20 - 24 MPa (= approx. 200 - 240 atm; 2800 - 3400 p.s.i.)

Note:

- As common to all epoxy, the product will chalk and discolour on exterior exposure. However these phenomenon are not detrimental to anti-corrosive performance
- Not recommended for immersion services in acids, alkalis & solvents
- Maximum film build in one coat is best attained by airless spray. By air spray, a multiple cross spray pattern application may be required for higher film build
- A minimum of two coats application is recommended over prepared steel for optimum performance

STORAGE & PACKING

Storage : Store in a cool, dry place. Store in accordance with local regulations.

Packing : 20 litres

SAFETY INFORMATION

As a general safety measure, inhalation of solvent vapours or paint mist and contact of liquid paint with skin & eyes should be avoided. Forced ventilation should be provided when applying paint in confined spaces or stagnant air. Even when ventilation is provided, respiratory, skin and eye protection are always recommended when spraying paint.

Please refer our Material Safety Data Sheet prior to using the product.

Disclaimer: To the best of our knowledge the information provided herein are true and accurate at the date of issuance. Since we have no control over the quality or condition of the substrate or the various factors affecting the use and application of the product, we do not accept any responsibility or liability arising out of use of the product.

The company reserves the right to modify data contained herein without prior notice. Any change in data would normally be followed by issue of a new data-sheet. The user should check with the nearest sales office of the company and confirm the validity of the information, prior to using the product

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