



## RUST-O-SEAL

Two component, high build, rust encapsulating, modified coal tar epoxy coating

- Designed as a maintenance coating for protection of steel in marine, sub-soil and in immersion services
- Self priming; eliminates the usage of primer
- Can be applied on marginally prepared surfaces; tolerant to lower grades of steel preparation
- Good adhesion to various aged thermoplastic and thermosetting coatings
- Can be overcoated with conventional aluminium paints and acrylic aqueous dispersion coatings to improve aesthetic appearance and exterior durability
- Outstanding water and crude oil resistance
- Excellent corrosion resistance
- Good abrasion and chemical resistance
- Excellent resistance to cathodic disbondment

### TECHNICAL DATA

Colour	Black & Brown	Drying time at 30° C	Surface dry : 3 hours Hard dry : 16 hours Full cure : 7 days
Gloss	Semiglossy	Over coating interval at 30° C	Min. : 16 hours Max.: 5 days, provided surface is dry and free from any contamination
Volume Solids	Approx. 70%	Shelf Life (cool and dry place)	At least 12 months
Recommended DFT/ Coat	100 - 150 microns		
Theoretical covering capacity	7.0 sq.mtr/ l @ 100 microns DFT 4.7 sq.mtr/ l @ 150 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 fresh 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 powertool/handtool 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.

<b>Mixing Ratio</b>	Base : Hardener	<b>Induction time</b>	30 minutes
(by volume)	1 : 1	<b>Pot life at 30° C</b>	8 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 %	0 - 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  
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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