

# GP RUSTGUARD 238

## SURFACE TOLERANT MODIFIED TAR EPOXY PAINT

### Description

Two component, air-drying, high build Epoxy modified tar coating.

### Recommended Use

A self-priming, surface tolerant coating; tolerant to low grades of surface preparation. It imparts excellent corrosion resisting coating, & provides outstanding water & crude oil resistance. This product is specially recommended for continuous water immersion (on blast cleaned surfaces), marine exposure and as a maintenance coating for steel structures.

The product can be over coated with conventional aluminium paints, synthetic enamels & acrylic water based coatings to improve aesthetics.

### Physical Data

COLOUR	: Black
FINISH	: Satin Glossy
SOLIDS BY VOLUME	: 65 ± 3%
THEORETICAL SPREADING RATE	: 6.50 sq.mt./ltr. at a recommended DFT of 100µ
FLASH POINT	: Base : Above 23°C Hardener : Above 23°C
DRYING CHARACTERISTICS	: SURFACE DRY : 3 hours (At 65% Relative Humidity & at 30°C) : HARD DRY : Overnight FULL CURE : 7 days
SHELF LIFE	: BASE : 6 months HARDENER : 6 months

### Surface Preparation

Sand blasting to Sa 2 1/2 Swedish Standards. If blast cleaning is not feasible and / or surface is already having sound and aged epoxy coating, then the bare metal should be manually cleaned by mechanical methods like coarse emery paper, wire brush, scraper, chistle, hand / power tools, etc. to achieve St- 2 / St- 3 grade of surface cleanliness, as per Swedish specification. Sound coated surfaces should be emery scuffed for better anchoring. The surface should be absolutely clean, dry and oil free before application.

### Application Data

MIXING RATIO	: Base : Hardener (As per our recommendations)
APPLICATION	: By Brush / By Conventional Spray / By Airless Spray
THINNER	: 002
POT LIFE	: 2 hours min at 30°C
RECOMMENDED DFT	: 100 - 120 mic
OVER COATING INTERVAL	: MIN: 16 hours : MAX: 5 days
COMPATIBILITY	: It can be over coated on sound but aged, oleo resinous, chlorinated rubber, epoxy & polyurethanes. Can be top coated only with conventional Aluminium paints, synthetic enamels or acrylic water based paints to improve aesthetics

### Application Method

Mix the base and hardener in the recommended ratio by volume. Stir the mix gently to attain homogeneity. Add Thinner Type 003 into the mix and stir gently for few minutes. Allow the mixture to stand still (maturation) for about 10-15 minutes to initiate the reaction. All equipments used for above should be properly clean.



Application: By Brush / By Conventional Spray / By Airless Spray

For Brush application, about 10% thinner is required to be added. Use quality brushes for paint application. Brushes made up of hog bristles are highly recommended. Size of the brush should be in proportion to the work in hand. Large size brushes (100-125 mm) for large areas and small brushes (25-50 mm) for narrow areas should be used.

#### For Conventional Spray application

Thinner: 002

Addition: 30-50%

Nozzle Orifice: 2.8-3.00 mm

Nozzle Pressure: 40-70 p.s.i.

#### For Airless Spray application:

Thinner: 002

Addition: Max 10%, if required.

Nozzle Orifice: 0.53 - 0.66 mm

Nozzle Pressure: : 2700-3200.Ps.i

### Additional Information

Further information regarding industry standards, terms and abbreviations used in this data sheet can be found in the following section of Grand Polycoats' latest Data manual :

- Guide to Product Data Sheet
- Surface Preparation Details
- Paint Application Details
- MSDS

### Notes

1. Do not apply paint when temperature falls below 10°C or rises above 50°C and when Relative Humidity is above 85%. Do not apply during rain, fog or mist. Surface temperature must always be minimum of 3°C above Dew point.
2. Brushes and spray equipment should be cleaned with GP's recommended thinner otherwise equipment is liable to be damaged.
3. DFT variation can be obtained by change in application method / thinning ratio. Contact Grand Polycoats representative for further assistance.
4. Shelf life indicated is minimum for this Product in sealed condition and it is subjected to re-inspection thereafter. Individual component is required to store in cool, dry and covered condition, away from heat and ignition.

### Health & Safety

This is a solvent based paint and care should be taken to avoid inhalation of spray mist or vapours as well as contact between the wet paint and exposed skin or eyes.

### Limitation of Liability

To the best of our knowledge, the technical data in our literature are true and accurate at the date of issuance but are subject to change without prior notice. We guarantee our product to conform to the specifications contained herein. We make no other warranty or guarantee of any kind, express or implied, including merchantability and fitness for particular purpose. Liability, if any, is limited to replacement of the product or refund of the purchased price. Labour or cost of labour and other consequential damages are hereby excluded.



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Protection

**ISO 9001**  
**ISO 14001**

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