

GP RUSTCOAT 503

POLYURETHANE BASED RUST CONVERTER CUM PRIMER

Description

Two-component polyurethane based rust converter cum Primer coat available in clear and pigmented variety for application on manually cleaned steel.

Recommended Use

It is recommended for manually cleaned steel where complete removal of rust is not possible. The applications include Engineering industries, steel stored in open yard, chemical and process industries, reinforcement bars, automotive applications and miscellaneous applications like domestic grills, gates, steel doors etc.

Physical Data

COLOUR	: Industrial shades and clear.
FINISH	: Matt
SOLIDS BY VOLUME	: 40 ± 3% (Depends on shade)
THEORETICAL SPREADING RATE	: 11.42 sq.mt./ltr. at recommended DFT of 35 μ
FLASH POINT	: Base : Above 23°C Hardener : Above 23°C
DRYING CHARACTERISTICS	: SURFACE DRY : 20-30 minutes
(At 30°C & 65% Relative Humidity)	: HARD DRY: 24 hours
	: FULL CURE: 7 Days
SHELF LIFE	: BASE: 6 months HARDENER: 6 months

Surface Preparation

Manual cleaning by wire brush, emery paper, hand / power tools, etc. to achieve St-2 / St-3 cleaning standards of Swedish specification. The surface should be free from moisture, oil, dust and dirt and should be absolutely dry before painting. Removal of loose rust is a must. The product, however, tolerates tightly bonded rust on the metal.

Application Data

APPLICATION	: By Brush / By Conventional Spray / By Airless Spray
THINNER	: 001
RECOMMENDED DFT	: 30-40 μ.
OVERCOATING INTERVAL	: MIN: 8 hours
	: MAX: 24 hours
COMPATIBILITY	: Can be top coated with Epoxy, Polyurethane, Chlorinated rubber and Alkyd based intermediate and finish coatings

Application Method

Stir the base part thoroughly. Mix the base and hardener in the recommended ratio by volume. Stir the mix thoroughly to attain homogeneity. Allow the mixture to stand still (maturation) for about 10 minutes to initiate the reaction. Add Thinner Type 001 into the mix, if required, depending on application method and stir thoroughly for few minutes. Strain the paint through Nylon filter and apply uniformly over the surface. All equipments used for above should be properly cleaned.



Perfection in
Protection

ISO 9001
ISO 14001

Application: By Brush /By Conventional Spray

For Conventional Spray application

Thinner: 001

Addition: 5 - 15%

Nozzle Orifice: 1.2 - 1.5 mm

Nozzle Pressure: 45 - 70 p.s.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. 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 subject to re-inspection thereafter. Individual component is required to be stored 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 vapour 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.



Perfection in
Protection

ISO 9001
ISO 14001

Grand Polycoats Co.Pvt.Ltd. 204, Siddharth Complex, R.C. Dutt Road, Vadodara - 390007, (Gujarat) India.

Tel.: +91-265-3064200 / 3064201 Fax: +91-265-2337022

E-mail: marketing@grandpolycoats.com Website: www.grandpolycoats.com

R: 01 / 06: 08 This supersedes all earlier versions of this product data sheet.