

# GP RUSTCOAT 505

## SINGLE COMPONENT RED PRIMER

### == Description

Single pack air-drying primer, based on special polymer.

### == Recommended Use

This product is recommended to be applied directly over Cast Iron parts and MS machined parts as a primer coat. Recommended only in the mild corrosive areas and the areas, which are not exposed to immerse conditions.

### == Physical Data

COLOUR	: Red
FINISH	: Matt
SOLIDS BY VOLUME	: 37 ± 3%
THEORETICAL SPREADING RATE	: 9.45 sq.mt/ltr at recommended DFT of 35 $\mu$
FLASH POINT	: Above 23°C
DRYING CHARACTERISTICS	: SURFACE DRY : 5 - 10 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	: 003 / 006
RECOMMENDED DFT	: 30-40 $\mu$ .
OVERCOATING INTERVAL	: MIN: 8 hours
	: MAX: Indefinite
COMPATIBILITY	: Can be top coated with Single pack Oleo resinous, chlorinated rubber & selected PU topcoat. Not to be top coated with 2-component epoxy coating.

### == Application Method

Stir the paint thoroughly. Add Thinner Type 003/006 into the mix, if required, depending on application method, and stir vigorously for few minutes. Strain the paint through Nylon filter and apply uniformly over the surface. All equipments used for above should be properly clean.



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Application: By Brush /By Conventional Spray/Dipping

#### For Conventional Spray application

Thinner: 003 /006

Addition: 5 - 15%

Nozzle Orifice: 1.2 -1.5 mm

Nozzle Pressure: 45 - 55 p.s.i.

#### Dipping:

Dip the component gradually taking care no / minimum bubbles are formed. Remove the component slowly. The fat edge should be removed with brush.

### 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. Ld /Cr free variety also available on request.
4. DFT variation can be obtained by change in application method / thinning ratio. Contact Grand Polycoats' representative for further assistance.
5. 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



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