

GP PRIME 601

ACID RESISTANT HIGH BUILD PRIMER COAT

Description

Single pack special polymer based fast drying high build primer.

Recommended Use

An excellent corrosion protection primer for protecting steel exposed to spillage and fumes of acids and alkalis, and in marine (where high humidity and water resistance is required) and severe chemical environment such as Ordnance Factories, Fertilizer plants, steel plants, petrochemical and pharmaceutical units, chemical units and highly acidic environment. The product is not recommended for solvent spillages or exposure to fumes.

Physical Data

COLOUR	: Red / Grey
FINISH	: Matt
SOLIDS BY VOLUME	: $38 \pm 2\%$
THEORETICAL SPREADING RATE	: 10.86 sq. mt./ltr. at recommended DFT of 35μ
FLASH POINT	: Above 23°C
DRYING CHARACTERISTICS (At 30°C & 65% Relative Humidity)	: SURFACE DRY : 10 minutes HARD DRY : 24 hours FULL CURE : 7 days
SHELF LIFE	: 6 months

Surface Preparation

Blast cleaning to Sa 2 1/2 Swedish specifications is preferred. In case it is not feasible, then manual cleaning by mechanical methods like 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 rust, moisture, oil, dust and dirt and should be absolutely dry before painting.

Application Data

APPLICATION	: By Brush
THINNER	: 003 / 006
RECOMMENDED DFT	: $35-50 \mu$.
OVERCOATING INTERVAL	: MIN : 8 hours MAX : Indefinite
COMPATIBILITY	: Can be applied on Epoxy primers and oleo-resinous primer. Not to be over coated by two component paints like Epoxy, PU, etc.

Application Method

Stir the paint thoroughly to attain homogeneity. Then strain the paint through Nylon filter cloth and apply uniformly over the surface. All equipments used for above should be properly cleaned.



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Application: By Brush

Generally no thinner is required for Brush application; however under adverse environmental conditions about 5% of thinner, by volume, can 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.

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' 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, when Relative Humidity is above 85% & 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 conditions 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 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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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

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