

GP PRIME 401

ETCH (WASH) PRIMER

== Description

Two component, air drying, Poly vinyl butyral Resin based primer containing rust inhibitive pigments

== Recommended Use

An adhesion promoting primer for Non ferrous metal substrates like Aluminum, GI, Tin surfaces to ensure better adhesion. Also recommended for MS surfaces for enhanced adhesion of subsequent coats and corrosion protection.

== Physical Data

COLOUR	: Yellow
FINISH	: Matt
THEORETICAL SPREADING RATE	: 13 sq.mt. /ltr. at recommended DFT of 10 μ
FLASH POINT	: Base: Above 18°C Hardener: Above 18°C
DRYING CHARACTERISTICS (At 30°C & 65% Relative Humidity)	: SURFACE DRY :10 minutes HARD DRY : 24 hours
SHELF LIFE	: BASE : 6 months Hardener : 6 months

== Surface Preparation

The surface should be clean, dry & free from contamination before application. Emery sanding is recommended before application. Metal-sprayed surfaces do not require treatment other than stiff brushing and water washing to remove salt and other soluble contaminants. For application on ferrous surfaces, the surface should be dry sanded with emery paper.

== Application Data

APPLICATION	: By Conventional Spray
THINNER	: Not required generally
RECOMMENDED DFT	: 5-10 μ .
OVERCOATING INTERVAL	: MIN : Within 20 minutes or after 8 hours Air Drying MAX : Indefinite
COMPATIBILITY	: Can be top coated with Epoxy, PU and Alkyd based primers and finish coating.

== 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. Strain the paint through Nylon filter cloth and apply uniformly over the surface. All equipments used for above should be properly cleaned.

Application : By Conventional Spray, preferably (Avoid application by brush).



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For Conventional Spray application

Thinner: Not required

Addition: NA

Nozzle Orifice: 1.2 - 1.4 mm

Nozzle Pressure: 40 - 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' 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% or 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. 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 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.



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