



Amar Paints

AP PRIME 401 ETCH (WASH) PRIMER

PRODUCT DATA

DESCRIPTION	Two component air drying Polyvinyl Butyral resin based primer containing rust inhibitive pigments.
RECOMMENDED USE	As an adhesion promoting primer for Aluminum and GI surfaces to ensure better adhesion of subsequent coats. Also recommended for MS surfaces for better adhesion of subsequent coats and corrosion protection.

PHYSICAL DATA

COLOUR	Yellow
FINISH	Matt
SOLIDS BY VOLUME	Not Relevant
THEORETICAL SPREADING RATE	13. sq.mt / lt. at recommended DFT of 10 μ
FLASH POINT	Base: 23°C
DRYING	SURFACE DRY : Immediate
CHARACTERISTICS (At 65% Relative Humidity & at 30°C)	HARD DRY : 24 hours
SHELF LIFE	BASE : 6 months HARDENER: 6 months

APPLICATION DATA

MIXING RATIO	Base: Hardener - As per our recommendation
MATURATION TIME	10 – 20 minutes
POT LIFE	4 hours at 30° C
APPLICATION	By Air Spray (Generally brush application not recommended)
THINNER	Not Required generally
RECOMMENDED DFT	7 – 10 μ (DFT higher than this may lead to adhesion failure)
OVERCOATING INTERVAL	MIN : Within 15 minutes or after 8 hours Air Drying MAX : No limit
COMPATIBILITY	Can be top coated with Epoxy , PU and Alkyd based primers and Finish coating

SURFACE PREPARATION	The surface must be free of oil and grease prior to application of etch primer. 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.
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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.
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APPLICATION METHOD

Stir the Base part thoroughly. Mix the base and hardener as per our recommended ratio, by volume. Stir the mix thoroughly to attain homogeneity. Allow the mixture to stand still (maturation) for about 10-15 minutes to initiate the reaction. Strain the paint through Nylon filter cloth of 100 mesh size and apply uniformly over the surface. All equipments used for above should be properly cleaned.

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

For Air Spray application:

Thinner : Not required (Material is at spraying consistency after mixing).

Nozzle Orifice: 1.2 -1.4 mm

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

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.
2. Brushes and spray equipment should be cleaned with our recommended thinner otherwise equipment is liable to be damaged.
3. Volume solids will vary depending on shades. Products with different volume solids are also available on requests.
4. DFT variation can be obtained by change in application method *I* thinning ratio. Contact Amar Paints for further assistance.
5. Shelf life indicated is minimum for this Product 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.

DISCLAIMER

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 therein. WE MAKE NO OTHER WARRANTY OR GUARANTEE OF ANY KIND, EXPRESSED OR IMPLIED, INCLUDING MERCHANTABILITY AND FITNESS FOR PARTICULAR PURPOSE. Liability, if any, is limited to the replacement of the product or refund of the purchase price. LABOR OR COST OF LABOR AND OTHER CONSEQUENTIAL DAMAGES ARE HEREBY EXCLUDED.

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