



# Amar Paints

## AP PRIME 306

Primer Surfacer Yellow Zinc Chromate

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### PRODUCT DATA

DESCRIPTION	A single component anti corrosive primer containing zinc chromate as corrosion inhibiting pigments
RECOMMENDED USE	Recommended as a primer on suitably cleaned mild steel aluminum and GI surfaces in various Fertilizer units, Refineries, Chemical and other plants, Transportation industries, steel plants, cement plants, power plants, pulp and paper industries, pharmaceutical industries, etc. for application on tank exteriors, structural steel, pipelines, machineries, vessels, etc. The product is recommended as a primer for mild to moderate service conditions. It is also used as a primer coat over properly cleaned M.S. surface for several OEM applications.

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### PHYSICAL DATA

COLOUR	Yellow
FINISH	Matt
SOLIDS BY VOLUME	40 ±3%
THEORETICAL SPREADING RATE	13.33 sq.mt / lt. at recommended DFT of 30 µ
FLASH POINT	Base: 23°C
DRYING	SURFACE DRY : 1 – 1 ½ hours
CHARCATERISTICS (At 65% Relative Humidity & at 30°C)	HARD DRY : Overnight
SHELF LIFE	6 months

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### APPLICATION DATA

APPLICATION	By Brush / By Air Spray / By Airless Spray
THINNER	Type 101
RECOMMENDED DFT	30 –40 µ
OVERCOATING INTERVAL	MIN : 10 hours MAX : 5 days (Incase it is exceeded, the surface should be roughened by emery scuffing)
COMPATIBILITY	Chlorinated Rubber and Quick Drying Paints AP Deco 101, 102, Intermediate and Top coats.

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SURFACE PREPARATION	Surface should be manually cleaned with mechanical methods like brass wire brush, coarse emery paper, chisel, scraper, power tools, etc. to remove loose rust, dust, old coating, oil, grease, and other foreign contaminants. Wipe the surface with solvent and ensure surface is absolutely dry, moisture and oil free before primer application. Aluminum and GI surface should be scuffed with emery followed with Detergent wash and finally a Thinner wipe should be given prior to application.
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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 primer thoroughly. Add Thinner Type 101, if required, depending on application method, and stir thoroughly for few minutes. 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 Brush / By Air Spray / By Airless Spray

For Brush application, a maximum of 5%, if required, is to be added. Apply uniformly in criss-cross manner and ensure there are no misses. Use quality brushes for paint application.

**For Air Spray application:**

Thinner : Type 101

Addition: 10-15%

Nozle Orifice: 1.2 -1.4 mm

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

**For Airless Spray application:**

Thinner : Type 101.

Addition: Max 5%

Nozzle Orifice: 0.28 - 0.33 mm

Nozzle Pressure: 1400-1800 p.s.i.

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## 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 / 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.

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