



Amar Paints

AP EPICOAT 832 EPOXY FINISH PAINT

PRODUCT DATA	
DESCRIPTION	A two component, air drying, Epoxy Polyamide / Polyamine cured finish paint.
RECOMMENDED USE	Recommended as a top coat for structures, pipelines, vessels, equipments, and machineries in fertilizers and chemical plants, cement plants, power plants, steel plants, pharmaceutical and petrochemical complexes, refineries, etc.

PHYSICAL DATA	
COLOUR	Assorted shades
FINISH	Glossy / Semi glossy / Matt
SOLIDS BY VOLUME	50 ±3%
THEORETICAL SPREADING RATE	10. sq.mt / lt. at recommended DFT of 50 µ
FLASH POINT	Above 25C
DRYING	SURFACE DRY : 60 min.
CHARCATERISTICS	HARD DRY : 12 hours
(At 65% Relative Humidity & at 30°C)	FULL CURE : 7 days
SHELF LIFE	BASE : 6 months HARDENER: 6 months

APPLICATION DATA	
MIXING RATIO	Base: Hardener - As per our recommendation
MATURATION TIME	10 – 15 minutes
POT LIFE	4 hours at 30° C
APPLICATION	By Brush / By Air Spray / By Airless Spray
THINNER	Type 001
RECOMMENDED DFT	50 µ
OVERCOATING INTERVAL	MIN : 16 hours MAX : 5 days (Incase it is exceeded, the surface should be roughened by emery scuffing)
COMPATIBILITY	Can be top coated by PU, Chlorinated rubber and synthetic enamel paints.

SURFACE PREPARATION	Being a top coat, it is applied either over Epoxy or PU primer or Intermediate coat. The surface should be moisture, oil and dust free before application. In case of aged epoxy coating, the surface should be sufficiently roughened prior to painting.
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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. Add Thinner Type 001 into the mix, if required, depending on application method, and stir thoroughly for few minutes. Allow the mixture to stand still (maturation) for about 10-15 minutes to initiate the reaction. Strain the paint through Nylon filter cloth of 200 (for Matt and SemiGlossy) - 400 (for Glossy) 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 001

Addition: 10-15%

Nozle Orifice: 1.2 -1.4 mm

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

For Airless Spray application:

Thinner : Type 001

Addition: Max 5%

Nozzle Orifice: 0.28 - 0.33 mm

Nozzle Pressure: 1400-1800 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 AP's 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.

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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