



Amar Paints

AP EPICOAT 837 EPOXY PAINT

PRODUCT DATA

DESCRIPTION	A two component, high solid, air drying, Epoxy coating
RECOMMENDED USE	Recommended as a high performance epoxy coating, for pipelines, bridges, infrastructure projects.

PHYSICAL DATA

COLOUR	Assorted Shades
FINISH	Semi glossy / Matt
SOLIDS BY VOLUME	60% (~2%)
THEORETICAL SPREADING RATE	4.80 sq.mt / lt. at recommended DFT of 125 μ
FLASH POINT	Base: 32°C
DRYING	TOUCH DRY : 1 ½ hour
CHARCATERISTICS (At 65% Relative Humidity & at 25°C)	HARD DRY : 10 hours
SHELF LIFE	BASE : 6 months HARDENER: 6 months

APPLICATION DATA

MIXING RATIO	Base: Hardener – 4 :1 or As per our recommendation
MATURATION TIME	-
POT LIFE	4 hours at 30° C
APPLICATION	By Brush / By Air Spray / By Airless Spray
THINNER	Type 001
RECOMMENDED DFT	200 μ dry
OVERCOATING INTERVAL	MIN : 8 hours MAX : 7 days (Incase it is exceeded, the surface should be roughened by emery scuffing)
COMPATIBILITY	Can be top coated by PU or AP EPICOAT 832

SURFACE PREPARATION	The surface should be moisture, oil and dust free before application, should be cleaned by solvent. Also Old rust should be removed by power tools or by hard wire brush
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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 with a power agitator to attain homogeneity. All equipments used for above should be properly cleaned.

Application: By Brush / By Air Spray

For Air Spray application:

Thinner : Type 001.

Addition: Max 10%

Nozzle 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. Brushes and spray equipment should be cleaned with AP's recommended thinner otherwise equipment is liable to be damaged.
2. Volume solids will vary depending on shades. Products with different volume solids are also available on requests.
3. DFT variation can be obtained by change in application method / thinning ratio. Contact Amar Paints for further assistance.
4. 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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