



Amar Paints

AP EPIBOND 839 EPOXY ANTICORROSIVE PRIMER

PRODUCT DATA

DESCRIPTION	A two component, tar free, surface tolerant, air drying, Epoxy coating with phenalkamine as curing agent
RECOMMENDED USE	Recommended as a high performance epoxy primer coating, for pipelines, bridges, infrastructure projects.

PHYSICAL DATA

COLOUR	Buff / Red/Grey
FINISH	Semi glossy / Matt
SOLIDS BY VOLUME	40% (~2%)
THEORETICAL SPREADING RATE	13.33 sq.mt / lt. at recommended DFT of 30 μ
FLASH POINT	Base: 32°C
DRYING CHARACTERISTICS	TOUCH DRY : 1/2 hour HARD DRY : 24 hours
(At 65% Relative Humidity & at 25°C)	
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	-
RECOMMENDED DFT	60 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 or AP CR-901

SURFACE PREPARATION	The surface should be moisture, oil and dust free before application, should be cleaned by solvent
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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. All equipments used for above should be properly cleaned.

Application: By Brush / By Air Spray / By Airless Spray

For Air Spray application:

Thinner : Type Epoxy.

Addition: Max 10%

Nozzle Orifice: 1.2 – 1.4 mm

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

For Airless Spray application:

Thinner : Type Epoxy.

Addition: Max 5%

Nozzle Orifice: 0.28 - 0.33 mm

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

NOTES

1. 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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