



# Amar Paints

## AP EPIBOND 838 EPOXY ANTICORROSIVE MASTIC

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### 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 mastic coating, for pipelines, bridges, infrastructure projects.

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### PHYSICAL DATA

COLOUR	Buff / Red
FINISH	Semi glossy / Matt
SOLIDS BY VOLUME	80% (~2%)
THEORETICAL SPREADING RATE	6.40 sq.mt / lt. at recommended DFT of 125 $\mu$
FLASH POINT	Base: 32°C
DRYING CHARACTERISTICS	TOUCH DRY : 1/2 hour HARD DRY : 7 hours
(At 65% Relative Humidity & at 25°C)	
SHELF LIFE	BASE : 6 months HARDENER: 6 months

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### 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	200 $\mu$ 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

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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 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.

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## 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.

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