



Amar Paints

AP EPITAR 870 EPOXY COAL TAR

PRODUCT DATA

DESCRIPTION	A two pack, air drying, high build, epoxy coal tar coating
RECOMMENDED USE	A High performance protective paint offering excellent resistance to water due to blending of epoxy resins with specially treated coal tar. It can also be directly applied on concrete surface. This product in system with epoxy zinc rich primer gives excellent resistance to mild steel structures against the effects of saline conditions. It can be used for application on dam gates, fly over and bridges, power plants, effluent treatment plants, concrete foundations under water and under soil applications.

PHYSICAL DATA

COLOUR	Red oxideBlack / Dark Brown
FINISH	Eggshell
SOLIDS BY VOLUME	65 ±3%
THEORETICAL SPREADING RATE	8.6 sq.mt / lt. at recommended DFT of 75 µ
FLASH POINT	Base: 32°C
DRYING	SURFACE DRY : 2 – 3 ½ hours
CHARACTERISTICS	HARD DRY : Overnight
(At 65% Relative Humidity & at 30°C)	
SHELF LIFE	BASE : 6 months HARDENER: 6 months

APPLICATION DATA

MIXING RATIO	Base: Hardener - As per our recommendation
MATURATION TIME	5-10 minutes
POT LIFE	4-6 hours at 30° C
APPLICATION	By Brush / By Air Spray / By Airless Spray
THINNER	Type Epoxy
RECOMMENDED DFT	75 µ
OVERCOATING INTERVAL	MIN : 24 hours MAX : 5 days (Incase it is exceeded, the surface should be roughened by emery scuffing)
COMPATIBILITY	Not to be top coated by any solvent based paints other than self. Can be applied over Epoxy Primers and Zinc Rich Epoxy Primers.

SURFACE PREPARATION	The surface should be moisture, oil and dust free before application, should be cleaned by solvent
---------------------	--

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.
-----------------	---

Amar Paints



Amar Paints

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 Epoxy 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 minutes to initiate the reaction 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 Epoxy.

Addition: 10-15%

Nozle 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 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.

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.

Amar Paints

D-9/10, Doshi Ind. Est., Navghar Road, Bhayander (E), Dist. Thane. Maharashtra.
Phone: +91-22- 2874 3847, 28164978 Fax: +91-22-2874 3847. Mobile: 00-91-9821352724

Email: mehul.amarpaints@gmail.com info@amarpaints.com

Website: www.amarpaints.com