



Amar Paints

AP UNIPACK 831 EPOXY FINISH PAINT

PRODUCT DATA

DESCRIPTION	A one component, air drying, Epoxy finish paint
RECOMMENDED USE	Recommended as a top coat for Original Equipment Machines, Hygienic, Maintenance painting, where mild chemical resistance along with good decorative finish are required. Sometimes it is recommended as undercoat for finish coats application for economic benefits in Process Industries.

PHYSICAL DATA

COLOUR	Assorted shades
FINISH	Glossy / Semi glossy / Matt
SOLIDS BY VOLUME	40 ±3%
THEORETICAL SPREADING RATE	13.33 sq.mt / lt. at recommended DFT of 30 µ
FLASH POINT	Base: 23°C
DRYING	SURFACE DRY : 10 – 15 minutes
CHARCATERISTICS	TACK FREE : 1-1 ½ hour
(At 65% Relative Humidity & at 30°C)	HARD DRY : Overnight
SHELF LIFE	6 months

APPLICATION DATA

APPLICATION	By Brush / By Air Spray / By Airless Spray
THINNER	Type Epoxy
RECOMMENDED DFT	30 –35 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 topcoat, it is applied either over Epoxy or PU primer or Intermediate coat. The surface should be moisture free, oil and dust free before application. Incase 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 paint thoroughly to attain homogeneity. Add Thinner Type Epoxy into the mix, if required, depending on application method, and stir thoroughly for few minutes. Strain the paint through Nylon filter cloth of 200 (for Matt and Semi glossy) - 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 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 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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