



THE TATA PIGMENTS LTD
(An ISO 9001- 2015 certified company)
Sakchi Boulevard, Jamshedpur 831002

TECHNICAL DATA SHEET OF HB EPOXY PAINT

PRODUCT DESCRIPTION

This is a two component Polyamide cured epoxy coating. It is a self-smoothing, easy to apply product, leaving a seamless surface. It has excellent chemical, abrasion and impact resistance. It can be applied on approved primers depending on the conditions of the concrete substrate or iron structures. It is a high performance corrosion protection coating.

PERFORMANCE FEATURES & BENEFITS

- Excellent semi-gloss finish • Stain Resistance • Good Durability • Excellent Hardness
- Superior Brushability • Acid and Alkali Resistance • Best Film Thickness • Best Adhesion
- Excellent Light Fastness • Good anti corrosive properties • Fast Air drying

RECOMMENDED USAGE

It is recommended for application on all masonry surfaces and iron structures. It can be used for both indoor and outdoor purpose. It can be applied in Refineries, Petrochemical and Fertiliser and Chemical plant, garages, dairies, Structures under water / in polluted and saline atmosphere.

SURFACE PREPARATION

Ensure the surface is clean, dry and free from all defective or poorly adhering material, dirt, grease, wax etc. Remove all loose or poorly adhering material by rubbing down using suitable abrasive paper or wire brush and thereafter wipe off. Ensure that freshwater jetting is carried out to remove all loose contaminants and soluble salt deposition. Apply a coat of Epoxy Primer on the surface before application of epoxy paint.

TECHNICAL DATA

Drying time

Surface dry within 2-3 hrs*

Hard Dry within 18-24 hrs*

MIXING RATIO

Base : Hardener = 4 : 1 by volume ; After mixing, the mix should be kept for ½ hr. before application.



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Finish

Semi-Gloss

Theoretical Covering Capacity

5.6-12 sq m**

Flash Point

Above 28 °C

Shelf Life

1 year in sealed container kept in dry & normal temperature.

Painting Tools Required

Brush / Spray

Usable Time of material

Within 24 Hours (Under Standard condition)

Pencil Hardness Level

5B-6B

Impact Resistance

150 – 180 kgcm

PRECAUTIONS

- Refer to the MSDS of Epoxy Paint for safety measures and precautions
- Store in well ambient condition and keep it away from ignition or fire
- Keep away from children
- In case of eye/skin contact, wash with plenty of water. Inhalation is dangerous, move to fresh air and consult a doctor.
- Avoid extra thinning for better results and shake well before use
- The container must be tightly closed when not in use. Stir well and strain before use



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- Use safety equipments like gloves, goggles and face mask

SAFTETY FEATURES

Flammable. Do not store at temperature above 28 deg C

SHADE RANGE

All the shades present in Wonder Shade Card

NOTE:-

**** Actual coverage may vary depending on the surface porosity, surface roughness, wind velocity, temperature and application technique. Coverage may differ in masonry, concrete and wood surfaces.**

*** Drying time is checked @27±2 °C & RH= 60 ± 5. Drying Time may differ in masonry, concrete and wood surfaces.**

Ast Manager (R&D)