



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

TECHNICAL DATA SHEET OF HB EPOXY ZINC RICH COATING

PRODUCT DESCRIPTION

It is a two pack high build epoxy zinc rich air drying coating with 84-92% zinc dust. It has excellent resistance to corrosion and abrasion. It should not be overcoated with coating containing saponifiable matter. It is high performance zinc rich anti-corrosive primer for protection of steel in aggressive environment such as onshore and offshore structures, platforms, pipelines, refineries, petrochemical plants and bridges.

PERFORMANCE FEATURES & BENEFITS

- Excellent matt finish • 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 Cathodic protection of the substrate, internal lining in naptha storage and floating roof tank. It can be used for both indoor and outdoor purpose. It can be applied in Refineries, Petrochemical and Chemical plant, mining facilities and bulk handling equipment.

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 HB Epoxy Zinc Rich Primer before application of required top coats.

TECHNICAL DATA

Drying time

Surface dry within 1-2 hrs*
Hard Dry within 14-16 hrs*



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MIXING RATIO

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

Finish

Matt to Egg Shell

Theoretical Covering Capacity

7.47-22.4 sq m**

Flash Point

Above 28 °C

Shelf Life

6 months 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 HB Epoxy Zinc Rich Primer 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.



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- 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
- Use safety equipments like gloves, goggles and face mask

SAFTETY FEATURES

Flammable. Do not store at temperature above 28 deg C

SHADE RANGE

Grey

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.**

Mohua Guinhababu

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