



Description:

Best EP-200 Hi-Build Coal Tar Epoxy is a two-pack high build Polyamide cured Epoxy blended with special grade of coal tar pitch. It is designed for the protection of steel and concrete in most sever conditions of fresh water, salt water and a wide range of chemicals.

Usage:

Designed to use as anti-corrosive, moisture and chemical resistant tough coat. Suitable for dams, barrages, fertilizers' plant, marine installation, fuel storage tanks and buried pipes.

TECHNICAL INFORMATION	
Classification/Product Type	Polyamide Cured Epoxy Coal Tar
Priming Coat	As Per Substrate/Required Specifications
Colour Reference	Black
Finish	Matt Sheen
Components	Two (Base, Hardener)
Pack Viscosity	135 ~ 145 KU @ 30°C (Thick Material)
Volume Solids	72 ~ 76% (ISO 3233)
Flash Point	23°C (ISO 3679)
Pot Life	4 Hours at 30°C
Specific Gravity	1.27 + 0.03 at 30°C
Shelf Life	1 year (Depending on Storage Conditions)

Film Thickness and Spreading Rate	
Wet Film Thickness	175 + 15 Microns
Dry Film Thickness	120 + 10 Microns
Theoretical coverage	5.5 + 0.5 m ² /Ltr./Coat (Airless) Assuming No Loss
No. of Coats (Recommended)	Two



Surface Preparation:

To secure lasting adhesion to the subsequent product all surfaces shall be clean, dry and free from any contamination.

Substrate	Recommended
Carbon Steel	Sa 2½ (ISO 8501-1) Followed by Best EP Primer As Per Specifications
Non-Ferrous	Cleaning and Application of Wash Primer (As Per Required Specifications)
Concrete	Clean, Dry and Free From Dust, Oil, Grease Loose Flaking Matter

Optimum performance, including adhesion, corrosion protection and chemical resistance is achieved with recommended surface preparation.

Application Method:

The product can be applied by

Spray	Airless
Brush/Roller	Recommended for stripe coating and small areas. Care must be taken to achieve the specified dry film thickness.

Product Mixing Ratio (By Volume)

Best EP-200 Hi-Build Coal tar Epoxy Comp-A	3.55 Parts (by Volume)
Best EP-200 Hi-Build Coal tar Epoxy Comp-B	0.45 Part (by Volume)
Best Thinner/ Xylene	Solvent/Cleaner

Resistant Guide

Weather Ability	Good weather ability	Salts	Excellent for immersion in fresh and salt water
Solvents	Un affected by splash or spillage or common alcohols, aliphatic and aromatic hydrocarbons	Water	Excellent for immersion in fresh and salt water
Toxicity	Dry film is non-harmful	Acids	Unaffected for splash and spillage exposure to weak inorganic acid
Abrasion	Good	Alkalis	Good resistance to splash and spillage of most common alkalis
Xylene Rub	20 Rubs		





BEST CONSTRUCTION

CHEMICALS

Stick with Best

STORAGE AND HANDLING PRECAUTIONS:

- The product must be stored in accordance to national regulations.
- The product should be kept in well ventilated place, protected from heat, direct sunlight and spark sources.
- The containers must be kept tightly closed.
- Stir well before use.
- Never breathe the dust, mist gas and vapors from the container.
- Do not apply during mist/fog/rain/wind or when the temperature is below 10°C or above 40°C.

Packing

Material	Volume (Ltr.)	Container Size
Best EP-200 Hi-Build Coaltar Epoxy (Component-A)	3.55	4 Ltr
Best EP-200 Hi-Build Coaltar Epoxy (Component-B)	0.45	1 Ltr

Health and Safety

- Material health and safety data sheet is available upon request.
- Please observe the precautionary notice displayed on the container.
- Ensure proper ventilation during application and drying of paint.
- Avoid inhalation of paint mist and vapours and skin contact.
- Spillage of paint on skin should immediately be removed with suitable cleanser soap and water.
- Eyes should be well flushed with water and immediate medical attention should be sought.

Disclaimer

The information in this data sheet is given to the best of our knowledge based on laboratory testing and practical experience. However, as the product is often used under conditions beyond our control, we cannot guarantee anything but the quality of the product itself. We reserve the right to change the given data without notice.

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