

FIBPOXY CTE 23

Coal Tar Epoxy base anticorrosive coating

Product # 114.111

Version no: 06.01.25

Tech Data

PRODUCT DESCRIPTION: FIBPOXY CTE 23 is a two component Coal Tar Epoxy coating, black in color, used to protect steel, concrete structures, timber and other construction materials in corrosive environment.

AREAS OF APPLICATION

FIBPOXY CTE 23 is recommended as a coating material for protection of all concrete & metal surfaces:

- Below & above the ground
- Tanks, Piping (Concrete, Steels)
- Sheet Piling
- Dams, Barrage gates, Penstocks
- Crude oil storage tanks
- Foundation walls and sumps
- Concrete and Steel surfaces in sewage treatment plant
- Paper Mills
- Chemical Plants
- Underground structures
- Submerged structures

ADVANTAGE

- It cures to a hard smooth surface and possesses exceptional resistance to the effect of water immersion, salt water, oil, acids, alkalis, crude oil, minerals etc.
- The cured FIBPOXY CTE 23 coating is flexible and affords excellent resistance to impact, thermal shock and abrasion.

APPLICATION METHODOLOGY

SURFACE PREPARATION

Concrete - Mechanical grinding or other suitable surface preparation is recommended for obtaining best results on concrete. Compressed air is used to remove residual dust or use brush to remove dust completely. Compressed air should be oil free. Apply only to dry surfaces.

STEEL

Steel surface which are to receive FIBPOXY CTE 23 coating should be prepared by sandblasting or power tool or mechanical cleaning to a commercial Grey metal finish. If moisture or other contaminants contaminate prepared surface, they should be reblasted. Use suitable Epoxy Primer over the prepared surface.

MIXING

Mix (by weight) 4 parts of Component A to 1 part of Component B by stirring thoroughly for atleast 3 minutes. Allow the mix to stand for 10 minutes before application.

APPLICATION

For best results, apply two coats of FIBPOXY CTE 23 by brush, roller or spray. First coat should be allowed to dry tack free before application of second coat. The second coat should be applied within 72 hours, wipe first coat with MIBK and wipe dry with cloth before second coat.

CLEAN UP

Clean all tools immediately after use with Fibrex Paint Remover. Do not allow material to harden.

TECHNICAL SPECIFICATIONS

Appearance	
A part	Blackish Brown liquid
B part	Transparent Liquid
Mixing Ratio (A : B)	4:1 (by weight)
Pot Life at 30°C	4 hours
Cold cure Solids	76%
Application	By brush/roller/Airless spray Covering
Coverage	
Concrete	3-4 sq.m. per kg per coat
Metal	6 sq.m. per kg per coat
Dried Film Thickness	Appx. 300 micron in two coats
Drying time at 30°C	
Touch Dry	3 to 4 hours
Hard Dry	7 days
Over Coat	12 hours or overnight interval
Finish	Semi-gloss

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

PACKAGING

FIBPOXY CTE 23

A part (Resin) - 20 Kg bucket (without ratio)

B part (Hardener) - 20 Kg bucket (without ratio)

Or Project Standards

STORAGE

FIBPOXY CTE 23 has shelf life of 12 months if stored properly in original, unopened packing between +5° to + 40° in dry areas.

PRECAUTIONS

During mixing and application the following precautions should be observed: ensure adequate ventilation and avoid contact of the material with the eyes, nasal passages, mouth and unprotected skin. Avoid contact with the hands by wearing protective gloves and using, if necessary, a suitable barrier cream. In case of contact with the eyes, rinse immediately with plenty of water and seek medical advice and after contact with the skin wash immediately with plenty of soap and water (do not use solvents). Prolonged contact with the skin should be avoided, especially where the user has an allergic reaction. Always wear gloves and eye/face protection as necessary. Observe personal hygiene, particularly washing the hands after work has been completed or at any interruption whilst work is in progress. Care should be taken when removing gloves to avoid contaminating the insides. In case of accidents seek medical advice.

DISPOSAL / SPILLAGE

Spillage of any of the component products should be absorbed onto sand or other inert material and transferred to a suitable disposable vessel. Disposal of such spillage or empty packaging should be in accordance with local waste disposal authority regulations.

NOTE

The information supplied in this datasheet is based upon extensive experience and is given in good faith in order to help you. Our company policy is one of continuous Research and Development; we therefore reserve the right to update this information at any time without prior notice. We also guarantee the consistent high quality of our products; however as we have no control over site conditions or the execution of the work, we accept no liability for any loss or damage which may arise as a result thereof.

HEALTH AND SAFETY

This material is intended to be used by trained professionals with proper equipment's. The following safety measures are recommended:

- Wear protective gloves, clothing, goggles, hearing protection for noise reduction and hard hats for falling debris.
- Do not eat, drink or smoke while in active contact with these materials.
- Avoid skin contact.
- Wash hands thoroughly with soap and cool water.
- Never wash the skin with a solvent.
- Anyone experiencing difficulty breathing when working with these materials or showing an allergic reaction should seek fresh air immediately and consult a physician if symptoms persist.

DISCLAIMER:

Fibrex Construction Chemicals products though are guaranteed against defective materials and manufacture and are sold subject to its standard terms and conditions of sale, copies of which may be obtained on request. Fibrex Construction Chemicals wishes to clarify that any advice, recommendation, specification or information is accurate and correct, though it cannot, at any time assume any liability either directly or indirectly arising from the use of its products. This is because it has no direct or constant control over where or how its products are applied, and whether or not in accordance with the advice, specification, recommendation or information given by it.

FIBREX OTHER PRODUCTS – WE DO

