



AEROTM
CONCHEM LLP

AN ISO 9001 : 2008 CERTIFIED COMPANY

SAFECOTE EP (CT)

High build coal tar extended epoxy coating

Description

A two component based on polyamine cured coal tar epoxy product with outstanding water and crude oil resistance that makes it eminently suitable for use as an anticorrosive on underwater areas (especially where cathodic protection is envisaged). It can also be applied behind linings, in void spaces and ballast tanks.

Uses

Sewerage works, main structures, concrete foundations, manholes covers, lining of tanks water storage tanks, pipes and ducting. Excellent chemical resistance to sewage water, sea water, distilled water, chlorinated water, kerosene, diluted acids.

Advantages

- Excellent adhesion to steel concrete
- Excellent abrasion and chemical resistance
- Outstanding water resistance
- Acts as an impermeable waterproof coating
- Cost effective
- Solvent free and low odor

Instruction For Use

Surface Preparation

Concrete substrates : Concrete Substrates: The surface should be sound, free from laitance and contamination. All contamination viz., oil, grease must be removed using suitable degreaser or detergent.

All blow holes, surface cracks, etc is made good with a suitable epoxy based filler material.

Steel Surface : Oil or contaminated surface should be thoroughly cleaned with a degreaser and surface grit or sand blasted. Where this not possible, with minimal surface preparation of wire brushing followed by acid and water cleaning should be carried out.

Mixing

SAFECOTE EP (CT) is supplied in two pre-weighed components, Base and Hardener. Properly stir each component separately before mixing together to ensure uniform consistency. Mix properly for 3 minutes with a slow-speed drill and wing style mixing paddle at 300-400 rpm until a homogeneous colour is achieved. Keep the paddle below the surface to avoid entrapping air. Do not mix by hand.

Application

A minimum 2 coat application is generally recommended to ensure a full, unbroken coating is achieved. Once mixed, the material should be immediately applied, ensuring that a continuous coating is obtained. The first coat is applied to achieve a uniform coating with a wet film thickness not less than 200 microns, and should be allowed to dry for at least 6 hours at 35°C before the application of the second coat.

Typical Properties & Specifications:

Sr.No	Properties	Specification
1	Color	Black (mixed)
2	Pot life	60 Minutes at 30°C
3	Touch dry	4 hours at 30 °C
4	Recoatible	24 Hours at 30 °C
5	Final cure	4 Days at 30 °C

The second coat should be applied between 12 hours and 4 days (at 35°C) after the application of the first coat, at 45°C this will be reduced to 3 hours. The second coat should be applied as above again achieving a wet film thickness not less than 200 microns.

Cleaning

Tools and equipment should be cleaned with SAFE TOOL CLEANER immediately after use.

Packing & Coverage

Packing : 1 kg. & 5 kg. steel container.

Coverage : 9 - 10 m per 5 kg pack @ 400 micron DFT in two coats.

Shelf Life & Storage

SAFECOTE EP (CT) has a shelf life of 12 months from date of manufacture when kept at a temperature between 5 °C to 45 °C and store in the original, unopened bags. All material shall be stored under cover in a manner that will prevent damage preferable on pallets and protected from excessive heat and moisture. Do not freeze.



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Quality Assurance

AERO CONCHEM LLP is a firm of Assessed Capability. The company's quality system conforms to ISO 9001:2008 certified.

Health & Safety

SAFECOTE EP (CT) is a resin based product. Resins and solvents may cause allergic reactions in some people. Wear gloves, use barrier cream on unprotected skin areas and wear eye protection when mixing, using and cleaning. Ensure adequate ventilation to prevent inhalation of vapours. If skin contact occurs remove resin immediately with cleansing cream and wash with soap and water. Do not use Solvent. Should eye contact occur rinse immediately with plenty of clean water and seek medical advice. If swallowed do not induce vomiting. Seek medical advice immediately. Full health and safety data are given in Product Safety Data Sheet.

OUR RANGE OF PRODUCTS



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