

TARCOAT LS

COAL TAR EXTENDED EPOXY COATING



TARCOAT LS is a two component, coal tar extended epoxy coating. It has excellent adhesion with concrete and steel surfaces.

FEATURES & BENEFITS

- Economical
- Easy to apply by brush or spray.
- Protects structures from corrosion.
- Resistant to chemicals and abrasion.
- In most cases, no priming is necessary.

BASIC USES

- Primarily designed to protect concrete and metal surface against corrosion. It is also recommended for steel tanks and pipe linings.
- Useful for sewage tanks, effluent plants, dock and harbor structures.
- Suitable for underground and foundation waterproofing to resist against chlorides, sulphates and sewage, etc.

DIRECTIONS FOR USE

Concrete

New concrete should have cured until the shrinkage and moisture movement is low and possess an open, porous and textured surface with all curing compounds and sealers removed. Old concrete must be clean and well textured. Surface must be clean, dry and free from oil, grease, curing compounds, dust and other contamination. Methods generally used for preparing concrete are sand blasting, acid etching, water jetting, grinding and wire brushing. The final step in cleaning should be the complete removal of all residue with a vacuum cleaner or pressure washer.

Steel

All rust, mill scale and other impurities should be removed by abrasive blasting to a SA 2 1/2 (att+0189) Swedish standards SIS 05 59 00. Cleaned steel should be coated as soon as possible before the reformation of rust.

Mixing

Add Part B, (the hardener) into the part A, (the resin) and mix using a slow speed 1/2 electric drill fitted with a jiffy mixer. Mix for atleast 3 minutes till uniform consistency is obtained.

Application

TARCOAT LS may be applied by brush, roller, or spray to give a uniform finish. Two coats are recommended to achieve a DFT of 350 microns thickness. Recoat time interval between the first and second coat shall be approximately 24 hours at 25° C. Allow full curing prior to putting into service.

CLEANING:

Tools should be cleaned with with **CEMTEC SOLVENT** before the material hardens..

SHELF LIFE:

12 months when stored in original, unopened container in a dry store between 5°C and 30°C.

TECHNICAL INFORMATION

Solids	- 70% by volume
Color	- Black
No. of coat required	- 2-3
Theoretical coverage	- 2 m ² / liter @ 350 microns DFT

Practical coverage at site may vary due to wastage, and nature of substrate

Dry to touch	- Approx. 4 hrs @ 25°C
Recoat time interval	- Approx. 24 hrs @ 25°C
Pot life	- 2 hrs @ 25°C
Full cure	- 14 days after application
Flashpoint	- 25°C

CHEMICAL RESISTANCE

Alkalis	Excellent
Ammonia	Excellent
Sea water	Excellent
Effluent Water	Excellent
Exhaust & Sewage Gases	Excellent
Gasoline	Excellent
Hydrochloric Acid, 10%	Good
Acetic acid	Poor
MEK	Poor
Water	Excellent
Sewage	Excellent
Distilled water	Excellent
Vegetable oils, Mineral oils and fats	Excellent
Salt Solution	Excellent

COVERAGE	Contact CMCI tech dept
PACKAGING	Available in 10 liter / 20 liter packing (A+B).
COLOUR	Black

HEALTH & SAFETY

- TARCOAT LS should not be applied over existing coatings.
- Should not be applied when the temperature is below 5°C or when the relative humidity exceeds 90%.
- TARCOAT LS is not color stable when exposed to direct sunlight, nor when in contact with some chemicals.
- Epoxy components may cause irritation, avoid contact with skin and eyes.
- Always wear protective clothing, gloves, safety goggles etc. during application.
- Seek medical attention immediately if contact with eyes has occurred.
- Solvent are flammable keep away from heat, sparkes, open flame or lighted cigarettes. Use explosion proof application equipments.
- If to be used in confined areas, care should be taken to provide proper ventilation during mixing, application and drying.

Quality Statement

CMCI manufactures its products at their manufacturing facility in Saudi Arabia as per the Quality Procedures certified to conform with quality Management System described in ISO 9000 series

CMCI provides a comprehensive technical support system for its full range of high performance construction products CMCI also offers full technical field support to consultants, Architects, contractors, applicators and End Users.

The Technical Specification information and recommendations given are based on the current technical knowledge and the user or his representative is recommended to check the suitability of the product CMCI reserves the right to amend the technical characteristic of the product as part of ongoing research and development. As the work execution is beyond the direct and continuous control of CMCI no guaranty and or responsibility is assumed on the performance of work completion executed with use of our products.

"High Quality Construction Chemicals"
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