CHEM-TARCOAT EP

COAL TAR EPOXY PROTECTIVE COATING

DECSRIPTION:

CHEM-TARCOAT EP is a solvent free two component high build amine-cured coal tar modified epoxy coating. It has excellent adhesion with concrete and steel surfaces.

RECOMMENDED USES:

- Primarily designed to protect concrete and metal surface against corrosion from aggressive environments. It is also highly recommended for steel tanks and pipe linings.
- Useful for sewage works, effluent plants, dock and harbor structures.
- Useful for waterproofing of Sewerage/ waist water & raw water tanks & other structure subject permanent immersion.
- Suitable for underground and foundation waterproofing to resist against chlorides, sulphates and sewage, etc.

ADVANTAGES:

- High build coating.
- Easy to apply by brush or spray.
- Long term protection against corrosion.
- High chemical and abrasion resistance.
- Direct application, in most cases no priming is necessary.

TECHNICAL INFORMATION:

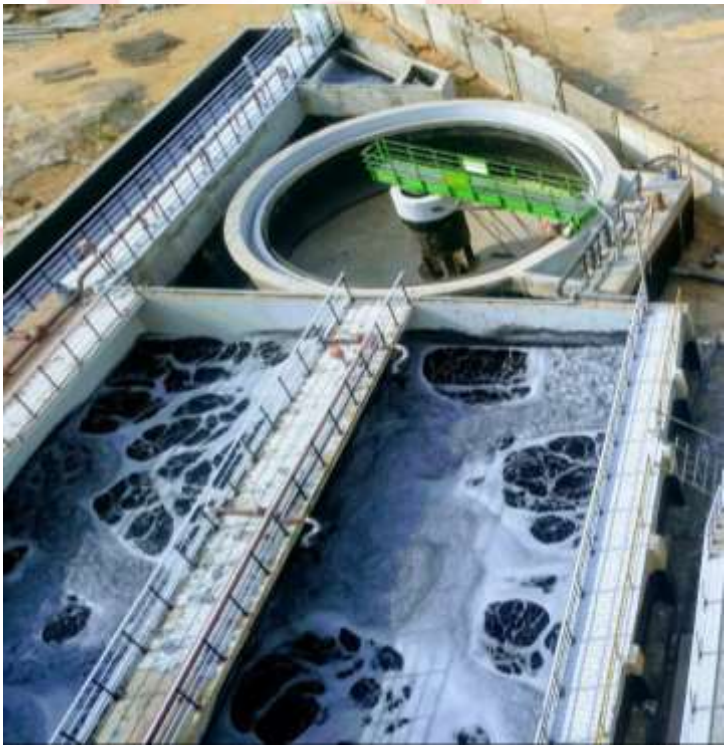
Solids - 100%
Color - Black
Specific Gravity - 1.26 Kg/Litre.
Theoretical coverage - 3 m2 Per liter @
350 microns dry film thickness (Coverage will be less on rough or textured surfaces and at higher film thicknesses)

Dry to touch - Approx. 24 hours at 25°C
Pot life - 1 hr. 15 mts. at 25°C
Full Cure - 7 days after application
Standard - conforms to BS 5493.

Adhesion to concrete - >3N/mm2 No bond failure at the substrate
Adhesion to Steel - No bond failure at the substrate
Temperature Stability - No sign of flowing, @60ºC - dripping or drop formation was observed when
conditioned at 60°C

CHEMICAL RESISTANCE:

Alkalis ....excellent
Ammonia ....excellent
Battery Acid ....good
Sea water ....excellent
Effluent Water ....excellent
Exhaust & Sewage Gases ....good
Gasoline ....excellent
Hydrochloric Acid, 10% ....good
Toluene ....good
Acetic Acid ....Poor
MEK ....poor
Water ....excellent
Sewage ....excellent
Distilled water ....excellent
Nitric Acid, 10%..... good
Vegetable oils, Mineral oils and fats .....excellent
Salt Solution ....excellent



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DIRECTIONS FOR USE:

Concrete - New concrete must be minimum 28 days old. Surface must be clean, dry and free from grease, dust and other contamination. Methods generally used for preparing concrete are sand blasting, scarifying, acid etching, water jetting, grinding and wire brushing, etc. The final step in cleaning shall be the complete removal of all residues by vacuum cleaning. Standing water should be removed and the surface must be completely dry.

Steel - All surface should be grit blasted to meet the requirement of BS 4232. Newly cleaned steel is coated as soon as possible before the formation of rust or scale.

Mixing - Add Part B, the hardener into the Part A, the resin and mix using a slow speed electric drill fitted with a mixing paddle. Mix for at least 3 minutes till uniform consistency is obtained.

If necessary, viscosity can be adjusted by adding 5 - 10 % CHEMI EP SOLVENT.

Application - **CHEM-TARCOAT EP** may be applied by brush, or spray to give a uniform finish. Allow to cure for a minimum period of 7 days prior to putting into service.

PACKING:

CHEM-TARCOAT EP is packed in 4 liter & 20 liter kits

CLEANING:

Tools and equipment should be cleaned with Solvent before the Epoxy hardeners.

PRECAUTIONS:

- Epoxy components may cause irritation, avoid contact with skin and eyes.
- Always wear protective clothing (rubber gloves, eye protection, etc.) when using the product.
- Solvents are Flammable. Keep away from heat, sparks, open flame, or lighted cigarettes. Use explosion-proof application equipment.