ACECOATS®
the complete construction solution

A ASSOCIATED CHEMICALS BRAND

TARPOXY-222

COAL TAR EPOXY

DESCRIPTION:

TARPOXY-222 is a solvent based two-component product evolved by blending of coal tar, epoxy resins with modified amine hardener and solvents.

ADVANTAGES:

- ✓ Excellent thermal and chemical properties.
- ✓ High elasticity, ductility.
- ✓ Totally waterproof, low water absorption.
- ✓ High abrasion resistance.
- ✓ Excellent resistance to sea water.
- ✓ Resistant to mild acids, soda lye, aliphatic hydrocarbons like petrol, diesel, oils etc.
- ✓ Can be applied on damp surfaces.
- ✓ Excellent adhesion to almost all materials/surfaces.

AREAS OF APPLICATION :

TARPOXY-222 can be used as a protective corrosion inhibitor coating material in hydraulic steel construction such as inhibitor coating for sluices, harbour installations, steel sheet pilling, bridges, bridge decks etc. Furthermore, TARPOXY-222 can be used as an anti-corrosive coating material for concrete, plaster, iron and steel, especially suitable for sewage works. For e.g. coating sewage pipes, sewage treatment plants, decomposition silos etc.

It acts as an excellent cold insulation material in underground construction. Also, it is used as a protective coating on main ballast tanks and internal sea water tanks in submarines, outer bottoms of cathodically protected ships, internal and external surfaces of vessels, steel docks, deep tanks, crude oil tanks, potable water tanks etc. It resists the penetration of fouling organisms.

Due to the extremely low water absorption property of tar, combined with exceptional adhesion property of epoxy resins, the coal tar epoxy coating can be used for waterproofing underground concrete structures, internal coating of R.C.C tanks, swimming pools, reservoirs, irrigation aqueducts, sewage tanks, basement etc.

SPECIFICATIONS:

Colour	Black
Finish	Egg Shell
System	Two Component (Resin: Hardener, 86:14 by volume)
Pot Life 30°C	6-8 Hours
Drying Time 30°C :	
Surface Dry	½ - 1 Hour
Hard Dry	5-6 Hours
Full Cure	7 days
Recommended coats	2
Coverage:	
Non-Porous	70-80 sq.ft./litre/coat
Porous	55-60 sq.ft./litre/coat
Scratch Hardness	Excellent
Film Property	Tough and Flexible
Heat Resistance	80-90°C
Cold Resistance	Sub Zero Temp.
Flash Point	Above 30°C

PREPARATION:

Surface must be clean and free from dirt, rust, grease, oil, and loose particles. Thoroughly clean the concrete surface by harsh wire brushing. Clean the dust by compressed air. If possible, wash the surface with water to remove accumulated dust & dirt to achieve good bonding, clean the steel surface to remove rust scales, by wire brushing & scrapping. The best method to clean the surface is sand / grit blasting for best performance. Rust removers & converter may be used to prepare the steel surfaces. For new surfaces to clean oil & grease use degreasing solvents, such as turpentine or thinners. Surface must be bone dry before application

Mix both part A & part B components in their individual containers thoroughly. Transfer the base component [part- A] to hardener component [part – B] container completely. Mix the material manually using wooden batten or steel spatula thoroughly for 3- 5 minutes to achieve uniform mix. Material can be mixed by using drill machine attached with paddle stirrer at 250 - 300 rpm for 3-5 minutes. Allow mixed material to mature for another 5 minutes because chemical reaction starts.

METHOD OF APPLICATION:

Apply the mixed material by brush or spray over the prepared surface as the recommended coverage rates. Allow first coat to dry for 8-10 hrs, [3-4 hrs when atmospheric temperature is higher than 30°C]. Apply second coat, in reverse direction of first coat. Allow the coating to cure for 7 days.

SAFETY PRECAUTIONS:

Avoid inhalation of solvent vapour and paint mist and avoid contact of liquid with skin and eyes. Provide proper ventilation when working with solvent borne coatings in confined spaces or stagnant air; provide respiratory, skin and eyes protection. Do not smoke in the vicinity and away from open flames, lights etc.

STORAGE:

Store in a cool, dry place away from direct sunlight.

PACKING:

Available in 4 & 20 Litres.

WARRANTY CLAUSE: *The product incorporated and sold is without Warranty expressed or implied, including warranty of Merchantability and fitness for use of this material and upon condition that purchaser shall make the own test to determine the suitability and quality of such products for their particular purpose. The user assumes all risks of use and handling, whether or not in accordance with any statement of the supplier. Supplier's liability if any, for any action arising out of the material being supplied shall be limited to only replacement of material.*