

COAL TAR EPOXY 4

WATERPROOFING & ANTI-CORROSIVE SYSTEM

COAL TAR EPOXY 4 is a high build two pack waterproofing and anticorrosive system based upon epoxy resin, coal tar and amine curing agents specially chosen for their ability to withstand high degrees of corrosion and also for mild chemical attacks.

Technical Characteristic

CHARACTERISTICS	RESULTS
Nature	Two Components Liquid
Color	Black
% Solid	Minimum 80 %
Specific Gravity	1.40 ± 0.05
Mixing ratio part by volume	Part I (Base) 90 : Part II (Hardner) 10
Pot life at 30°C	6 - 8 hours
Initial hardness at 30°C	24 hours
Full cure at 30°C	6 to 7 days
Coverage	30-35 ft ² /ltr./coat/250μ
Recoatibility	12 to 16 hrs (At low temp. may delayed in setting time)

Features / Advantages

- Easily applicable by brush or trowel
- Seals localized cracks and surface porosity
- Bonds strongly to most of the building materials
- No primer is required
- Cures to a tough protective film
- Excellent resistance to salt spray & chemical aggression
- Passes salt spray test as per ASTM B 117 for 1000 hrs.

Typical Application

- Corrosion resistant coating for concrete and metal structures such as
- Sewage & ETP
- Thermal Power plants
- Splash zones in dock and harbors
- Underground pipelines
- Molasses tanks in sugar industry
- Storage tanks in fertilizer, petrochemical industry, refineries etc.
- Foundation protection from contaminated soil, backfill and water
- Industrial applications
- Roofs, flowerbeds etc...

Direction for Use



Surface Preparation

It is essential that Coal Tar Epoxy 4 is applied to clean dry substrate in order to achieve maximum adhesion between the coating and the substrate. All loose particles should be removed by brushing scraping or acid etching.



Mixing

Coal Tar Epoxy 4 is supplied in pre weighed packs which are ready to use on site. Do not add extra solvents or thinner, thorough mixing is essential.



Application

Apply the mixed material by brush or spray over the prepared surface at the recommended coverage rates. Allow first coat to dry for 12 to 16 hrs, depending upon temperature & humidity. Apply second coat, in direction perpendicular to previous coat.

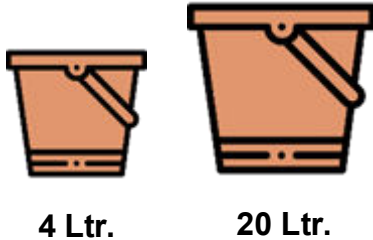
Allow the coating to cure for 7 days.

In case of buried applications, backfilling to be done after 7 days

Cleaning

- Tools and equipment can be cleaned immediately with solvents like xylene, acetone etc.

Packing



Shelf Life & Storage Conditions

12 Months.

Store below 30° C and 50% R.H.

Precautions

Some people are sensitive to resins, hardeners, solvents and its vapours, so it is advisable to use hand gloves and goggles.

In case of eye contamination, wash well with plenty of clean water and seek medical advice.

Proper ventilation is required at the time of application, especially in case of UG tank application & Painters should be rotated after every 15 to 30 minutes..

Disclaimer

The above information and details herein are based on the tests conducted & experience on application and usage. The user is advised to carry out the test and take trials to satisfy on the suitability of the products and meeting his requirement considering the prevailing conditions prior to apply/ using it on larger area. As the conditions under which the products are used or transported are beyond our control, we would not hold ourselves responsible on its consequential non performance.