

Dr. Fixit Coal Tar Epoxy (CTE)



EPOXY BASED COAL TAR COATING

Description

Dr. Fixit CTE is a solvent free, epoxy resin system modified with refined tar pitch. The combination of epoxy resin with tar gives the excellent adhesion and chemical resistance of epoxy, together with the flexibility and superior water resistance of tar based materials.

Typical Applications

- Damp proof membrane.
- Water and chemical resistant coating for pipes, sewerage and effluent plants.
- Anti-skid applications in conjunction with non-slip aggregates.
- Protection of bitumen, asphalt and tar based surfaces from attack by fuels and oils.

Features

- Excellent all round water and chemical resistance.
- Suitable for most substrates and application techniques.
- Excellent in all waterproofing applications.
- Excellent adhesion and flexibility.
- Complies with ASTM C188 Type III bonding of skid-resistant surfacing.

Packaging

15 litres

Method of Application

1 SUBSTRATE PREPARATION

- Surfaces to be treated should be clean, dry, free of dust, grease and any other contaminants.
- Concrete surfaces should be free of laitance (grit blast or scabble). Steel should be cleaned and abraded to a bright, profiled metal finish with no rust or corrosion.

2 MIXING

- Dr. Fixit CTE is supplied as two component product i.e. resin and hardener components.
- The packs are pre-weighed in the correct proportions for mixing. Mix ratio is 8 parts resin to 1 part hardener by weight. A suitable slow speed electric drill stirrer should be used.
- If the pack is to be split the resin component must be thoroughly mixed prior to use.
- Mix resin and hardener for at least 1 minute, paying special attention to sides and bottom of container.

3 APPLICATION - INJECTION PROCEDURE

- On highly absorbent surfaces such as cement boards, concrete etc. dilute the first coat with 10% Dr. Fixit Resin Cleaner Solvent as a priming coat.
- Apply using brush, roller or airless spray.
- Apply as many coats as required to achieve desired thickness of finished coating. Allow to set between coats but apply subsequent coats within 24 hours.
- Working time is 40 - 50 minutes at 20°C. Full cure to achieve maximum chemical resistance 72 hours at 20°C constant.
- If Dr. Fixit CTE coating is to receive another system i.e. tiles, resin mortar or epoxy screed, it is preferable to "blind" the surface with non-slip aggregates before initial set, in order to provide a "key" for subsequent finishes.

4 CLEANING

- Remove surplus material from tools and equipment with Dr. Fixit Resin Cleaner.



Note:

- Do not apply to damp surfaces.

Technical Information

Specific Gravity	1.2
Colour	Black
Viscosity	20 Poise
Flashpoint	Above 100°C
Tack Free Time 20°C	12 hours
Film Thickness	500 Microns at 0.5 ltr./m²

Theoretical Coverage

Up to 4 m² per litre at 250 microns DFT dependent on application

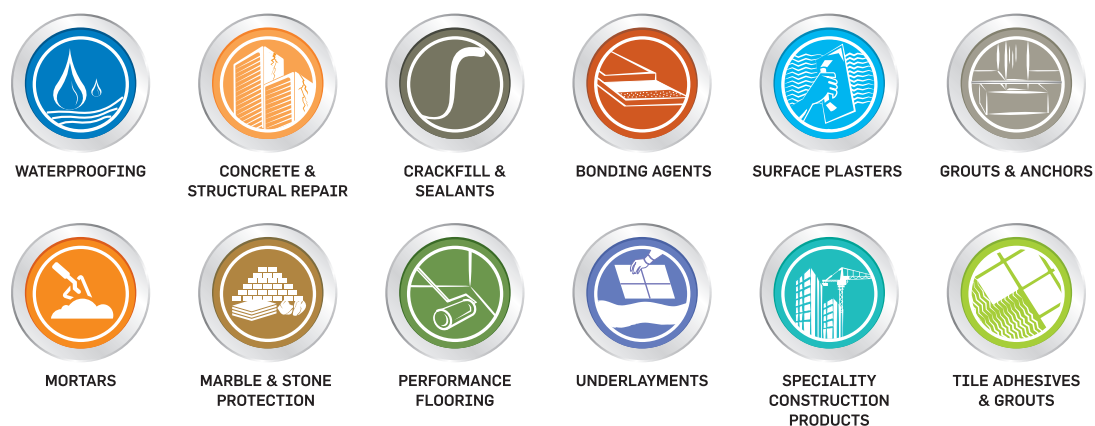
Shelf Life

Shelf life is 12 months from the date of manufacturing if stored in original and unopened packaging in a cool dry place away from direct sunlight.

Health and Safety

Dr. Fixit CTE contains some toxic constituents and care should be taken in its use. As with all epoxy resins, work cleanly at all times. Skin and eye contact should be prevented by the use of plastic or rubber gloves, eye protection, barrier creams and protective clothing. Any resin or hardener in contact with the skin should be removed with warm soapy water or a resin removing cream. NOT solvent. In case of eye contact wash copiously with water and in the case of accidental ingestion, obtain immediate medical attention. Provide good work area ventilation. See MSDS for further information.

DR. FIXIT offers a wide range of Structural Protection and Waterproofing systems:



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