



EPKOTE ET140

Epoxy tar based coating for steel and concrete surfaces

Description

EPKOTE ET140 coating is based on solvent coal tar epoxy resins specially formulated to provide a durable coating suitable for application to both vertical and horizontal surfaces.

Advantages

- Excellent resistance to all types of water
- Easily applied by brush or spray
- Provides long term corrosion protection
- No priming necessary in most cases
- Chemical and abrasion resistant
- Economic and versatile product

Uses

- Provides protection to concrete and metal structures against corrosion from aggressive environments
- tanks above ground or in totally submerged conditions such as pipelines
- In sewage works, effluent plants and dock and harbour installations

Technical Information

PROPERTIES	RESULTS
Mixed Appearance	Black color liquid
Pot life	2 to 6 hrs @ 20°C
Time between coats	2 to 4 hours
Full cure	7 day @20°C 5 days @30°C

Method of Application

- Clean all surfaces and remove any dust, unsound material, plaster, oil, paint, grease, corrosion deposits or algae. Roughen the surfaces, remove any laitance and expose the aggregate by light scrubbing or grit-blasting.
- New concrete should be allowed to cure for at least 28 days prior to priming. Steel surfaces should be shot blasted to a profile.
- Before mixing, the contents of each can should be thoroughly stirred to disperse any settlement which may have taken place during storage.
- The entire contents of the smaller hardener can should be poured into the base container and the materials thoroughly mixed for at least 3 minutes.
- The mixed EPKOTE ET140 shall be applied to the dry, prepared substrate making sure a continuous film is achieved using a standard paint brush, good quality lamb's wool roller or spray equipment. The optimum dry film thickness of 100 microns is achieved in two coats.

Limitations

- Minimum application temperature: 15°C
Maximum application temperature: 40°C

Coverage

- EPKOTE ET140: 5 kgs covers approx 35 m² per coat at a WFT of 100 microns. However, practical coverage depends on the nature and porosity of the substrate and application conditions

Packaging

- Available in 30 Kg pack.

Shelf Life

- Shelf life is 12 months in unopened packs stored at room temperature i.e. 27°C the liquid component must not be allowed to freeze and store in cool and dry places.

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