

DURA BUILD CARE PVT. LTD.



AN ISO 9001 : 2008 COMPANY

“Quality, Integrity Assured.”

DURAXY TE

Tar Epoxy Based Protective Coating

Description:

DURAXY TE is a plasticised coal tar enamel modified with selected epoxy resin. It provides black coloured semi-gloss film for protection of all types of exposed, buried or immersed concrete and steel surfaces; it is supplied as two pack system pack A (base) and Pack B (hardener) in a premeasured quantity. These two packs need only mixing before use.

Uses:

It is used as high quality protective coating for concrete and metal structure against corrosion from aggressive environments. It is most suitable for tanks above ground or in totally submerged condition such as pipe linings. Particularly useful in sewage works, effluent plants, docks and harbor installations.

Features:

- ✓ Provides long term corrosion protection
- ✓ Easily applicable by brush or spray
- ✓ High film build up in single application
- ✓ Chemical and abrasion resistant
- ✓ No priming is required in most cases
- ✓ Economical and versatile product
- ✓ Reliable produced under rigid quality control system and quality shall never vary.

Application:

Concrete Surface: Surface should be clean, dry, free from loose particles, laitance and previous coatings. This may be achieved by any approved method of surface preparation.

Steel: Any rust, mill scale or any other deposits should be removed from the substrate by grit blasting etc. Galvanised steel may be lightly blast cleaned and then **DURAXY TE** may be applied.

Mixing: Pack A & Pack B are pre - measured quantities and should be mixed thoroughly to a uniform consistency. Mixed material of **DURAXY TE** may be applied by brush or airless equipment.

Cleaning: Hardened material should be removed mechanically from tools but soft material may be removed by using suitable solvent.

Technical Data:

Colour	:	Mixed packs A & B will produce black colour Aluminium colour is available on request.
Mixing Ratio of Pack A: Pack B		
By weight	:	1 : 1
Pot life of mixed pack	:	20 ⁰ C : 3.5 hours, 35 ⁰ C : 1 hours
Drying Time		
Touch Dry	:	20 ⁰ C : 3.5 hours, 35 ⁰ C : 1 hours
Fully Cured	:	20 ⁰ C : 7 days, 35 ⁰ C : 4 days
Recoatible Time	:	20 ⁰ C : 1 days, 35 ⁰ C : 1 days
Temperature Tolerance	:	Upto 140 ⁰ C in air and upto 75 ⁰ C in water.
Recommended tolerance	:	0.4 mm (dry)
Application thickness	:	0.25 mm (wet) per coat.
Coverage / Kg of mixed material	:	2 to 6 M ² depending upon surface texture and finish
Shelf Life	:	12 months if unopened.
Storage	:	In a cool dry place

Packing :

In 4 Kg & 20 Kg with proportionate Pack A & B

Health & Safety:

Inflammable. Handle carefully. Ensure good ventilation while working with **DURAXY TE**. Remove any material which is in contact with skin by soap / detergent.

IMPORTANT: Though the product may change with some code as suffix or addendum to the principal or original name out of some minor adjustment and fine tuning in the formulation due to our continuous research and development but shall exhibit the stated properties with more improvement.

WARRANTY: Our high potency products are manufactured under stringent National/International Quality Standard specifications and guaranteed against any manufacturing defect. Suggestions and recommendations are made here based on our most practical experience and exposure over 25 years in the field and are believed to be most appropriate and correct BUT no liability can be accepted by us, as the conditions of use of such products are beyond our control.

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