

BUILDPOXY TE

Coal tar epoxy protective system

DESCRIPTION : **BUILDPOXY TE** is a two-pack, air drying, high build coal tar epoxy system, which offers very good adhesion, chemical resistance and water resistance. It is supplied in pre-measured two pack system, viz. pack "A" base and pack "B" hardener. These two packs need only mixing before use.

USES : It is used as a 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, dock gates, hydro-electric plants, barrage etc.

FEATURES

- ❖ Provides corrosion protection.
- ❖ Easy application
- ❖ Chemical and abrasion resistant.
- ❖ Economical and versatile product.

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

Mixing : Packs A & B are supplied in pre-measured quantities and should be mixed thoroughly to a uniform consistency.

Stir individual container before mixing. Mix thoroughly for about ten minutes. Apply using brush or sprayer. Use of thinner to the extent of 2% maximum recommended Chemical resistance at room temperature (30°C)

Sea water/Tap water/Deionised water	: Excellent
Salt solution (brine)	: Excellent
Sodium chloride	: Excellent
Emulsions	: Excellent
Sodium sulphate	: Excellent
Marine weather	: Excellent
Alkaline fumes	: Excellent
Acidic fumes	: Excellent
Chlorinated fumes	: Excellent
Sulphurous fumes	: Excellent
Potassium hydroxide	: Good
Sodium hydroxide (all concentrations)	: Good
Diluted hydrochloric up to 5%	: Fair
Diluted sulphuric acid up to 5%	: Fair
Concentrated hydrochloric acid (33%)	: Poor
Concentrated sulphuric acid	: Poor
Industrial solvents	: Better than chlorinated rubber or vinyl based paints. This is a thermosetti system.

TECHNICAL DATA

Colour	: Black
Finish	: Semi-glossy
Mixing ratio	: 1:1 (Base:Hardener)
Pot life	: 2 – 4 hours
Maturing time	: 30 minutes after mixing
Recommended thickness	: 2 – 5 mm as per requirement
Covering capacity	: 2 – 4Kgofmixedmaterialsq.mtr.
Shelf life	: 12 months
Storage	: In a cool dry place
Packing	: 20 kgs. & 40 kgs.(twin pack)
Health & safety	: Inflammable, handle carefully.