EPOXY MORTAR

GAP FILLING EPOXY PASTE ADHESIVE FOR CIVIL ENGINEERING USE

EPOXY MORTAR is specially formulated non-sag epoxy filling paste and adhesive. This easy to use two-part epoxy product sets after mixing, with excellent properties ideally suited for the following applications.

FILLING AND REPAIR
Concrete Pipes and Tanks
Concrete floors and stairs
Concrete columns
Insitu formed concrete

ADVANTAGES
Simple 1:1 mix ratio
Creamy texture, blends easily
Non sag on vertical surfaces
Rapid setting
Adheres and cures under adverse conditions (cold and damp)
Good strength retention after prolonged immersion in water
Tensile and compressive strength superior to concrete
Very good chemical resistance

PRODUCT SPECIFICATION

	PART "A"	PART "B"
Consistency	Thixotropic paste	Thixotropic paste
Colour	Neutral	White
Flash Point	Above 100°C	Above 100°C

SURFACE PREPARATION

METALS:
Should be grit blasted to clean surface. Mechanically abraded and degreased.

CONCRETE:
Surface should be free from grease and oil. If necessary, clean with industrial grade degreasing agent. Once clean, steps must be taken to remove laitence; this is best done by using :

MECHANICAL ABRASION:
Acid etching - concentrated hydrochloric acid (muriatic acid) 1:1 with water, and spreading 0.5 litre of this mixture to each square metre. After the reaction has ceased (about 10 minutes) the area is thoroughly washed and scrubbed with a stiff bristled broom to remove loose sand and allowed to dry for 24 hours.

PROCESSING DATA

Mixing Ratio:	1 part resin to 1 part hardener by volume
Mixing:	Mix until uniform grey
Working life at 25°C:	45 minutes
Minimum application temperature:	15°C
Minimum Cure Time:	12 hours at 25°C
Full Cure Time:	4 days at 25°C

IMPORTANT INORMATION

It is essential that the correct mixing ratio be used and that the Part "A" and Part "B" are thoroughly mixed together before use. Inaccuracies and poor mixing will result in lower physical properties of the cured system and, if the error is sufficiently large, the system may not cure satisfactorily and discolour on ageing.