DATA SHEET

EPOXY PUTTY
EPO100EP ®
Date of Issue: 09/03/2018
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Designed and Formulated in Australia by APC

DESCRIPTION

Epoxy Putty is a two component high strength epoxy paste based on epoxy resin and ceramic fillers. Easy to use with a simple1:1 mixing ratio. This product sets after mixing with excellent properties for a wide range of applications. Ideal for bonding and repairs of concrete. Epoxy Putty is volatile organic compounds free (Nil V.O.C.) and is resistant to hydrogen sulphide that may be present in pipes and plants used for treatment of sewage.

RECOMMENDED USES

- Coving
- Patching
- Crack Repairs
- Joint Filling
- Ramps
- Bunding
- Grouting bolts
- Bonding compressed cement sheet
- Concrete pipes and tanks
- Flush-filling countersunk screws in fibre cement sheet.

FEATURES AND BENEFITS

- Excellent chemical resistance
- Excellent adhesion
- High build application
- Bond strength stronger than concrete itself

PHYSICAL PROPERTIES

Rate of Burning:	ASTM D635 Self-extinguishing

SURFACE PREPERATION

Concrete: Concrete should be free from grease and oil. If necessary, clean with industrial heavy duty degreaser. When clean, remove surface laitance. This is best done by mechanical abrasion such as scabbling, grit blasting or grinding. If this is not possible acid etching must be carried out. Mix concentrated hydrochloric acid with equal volume of water and spread at the rate of 0.5 litre per square metre of concrete surface. Allow to react for about 10 minutes and wash the area thoroughly and scrub with a stiff bristled broom to remove loose sand. Allow to dry for 24 hours. For maximum adhesion concrete should be dry.

Metals: Metals should be grit blasted to clean surface. If this is not possible, mechanically abrade to clean bright metal surface and degrease by flooding the abraded surface with Epoxy Thinners. Wire brushing is not entirely satisfactory and gives minimal adhesion only.

MIXING

Mixing Ratio: 1 part "A" to 1 part "B" by volume. Mix until uniform grey. 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 aging.

Cleaning up: To keep mixing implements and working tools clean, use APC Epoxy Thinners. Use disposable rubber gloves to protect hands and maintain proper industrial hygiene. For further details, refer to Safety data sheet.

APPLICATION

Minimum recommended application temperature: 10°C

Spatula or trowel into clean cracks or joints. Scrape off excess. Sand prior to coating.

COVERAGE

Dependant on depth and width of cracks

Unit 12 / 10 Boron St
Sumner QLD 4074
PH: 1800 437 699
www.allpurposecoatings.com.au

RETURN TO SERVICE

24 hours – Coatings can be applied earlier

SHELF LIFE

Approximately 2 Years, store in a cool dry location.

POT LIFE

30 Minutes

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