

**Technical Data****Solvent-Free Epoxy Paste**

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Product Description:

AMCON epoxy Paste, Underwater (or Dry surface) epoxy paste. The very latest generation of underwater epoxies. It is a 100% solids, non-regulated, non-hazmat, Kevlar™ reinforced epoxy paste system designed for repairing surfaces that may be subjected to constant immersion in water. Thick, but workable at low temperature. Use as a thick coating or repair paste, with or without fiberglass cloth

Uses

Marine environments
Docks, fiberglass and wood boats
Sewers, tunnels, dams, spillways
Underground concrete structures
Steel and concrete piping

Features

Excellent chemical resistance
Convenient 1:1 ratio by volume or 1: 0.83 by weight (base / cure)
Superior adhesion to cold, damp surfaces
Non-hazmat to ship

Viscosity

Viscosity at 72F

Part A: gel
Part B: gel
Mixed: gel

Physical Properties

Compressive Strength	10,500 psi
Tensile Strength	5,200 psi
CS-17 Wheel, L Kg Load	0.20 gm Loss
Water Absorption (2 Hour Boil)	0.19 %
Flexural Strength	4,900 psi
Shore D Hardness	88
Heat Distortion	122 F
Temperature Resistant	150 F
Bond Strength to Concrete	100 % concrete failure

Cure Schedule

POTLIFE @75°F	70-80 minutes
TACKFREE	6 hours
RECOAT	6 to 48 hours

Surface Preparation

Surface must be clean and free of oils and loose contamination. If possible surface is to be sandblasted or thoroughly grinded

Application

Mix epoxy Paste, base with the curing agent. Use a mechanical mixer if possible to ensure thorough mixing. The mixing ratio is 1/1 (base/curing agent) by volume or 1/0.83 by weight. AMCON epoxy does not require a 'sweat-in' or induction time and the mixed components should be used immediately.

Pot life is approximately 70-80 minutes at 75°F, so mix only the amount of epoxy that can be easily applied within that time limit. Apply using a spatula.

AMCON epoxy is suitable for horizontal surfaces and vertical surfaces

Notes

Unless top – coated with a UV absorber, this epoxy will yellow in sunlight.

The non-hazmat curing system, which means it, can be shipped by air to any part of the world, also slows the curing down a little bit. It has a 1 or 2 day 'rubbery' stage, so 'rock hard' takes a few days.

Transport

Non regulated by USDOT, IATA & IMO

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Manufactured in: USA

Supplied by

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