



Technical Data

AmCon Fast Paste Epoxy

Product Description

AmCon Fast Paste Epoxy is a 100% solids, next generation, non-hazmat epoxy paste designed for repairing leaks, spill and protection of concrete, wood and steel substrates subjected to constant immersion in water. It will bond wet substrates and is especially suited for direct application under water and is resistant to sewer gasses, sulfur based chemicals, dilute acids and most caustics.

Uses

Fast set repairs
Quick curing adhesive
Emergency repairs
Leak and crack repairs underwater

Features

Can be applied above or under water.
Convenient 1 to 1 ratio by volume (base/cure)
Superior adhesion to cold, damp surfaces
Full cure in 10-20 minutes
Non-Hazmat, non-regulated for shipping

Notes

AmCon Fast Paste Epoxy has a slight sulfur odor.
Part A (base) is black and part B (curing agent) is white. The mixed epoxy is gray in color.

Physical Properties

Compressive Strength	11,500 psi
Tensile Strength	4,200 psi
Elongation At Break	20%
Cs-17 Wheel, 1 kg Load	0.20 gm loss
Water Absorption (2 hour boil)	0.11 %
Flexural Strength	5,900psi
Shore D Hardness	86
Heat Distortion Temperature	127° F
Bond Strength to Concrete	100% concrete failure
Lap Shear	2,400psi

Cure Schedule

Pot Life @ 75°F	approx. 10- 15 minutes
Tack Free	20 minutes
Full Cure	20-40 minutes

Surface Preparation

Surface to be top coated must be clean and free of oils, grease and loose contamination.

Application

Mix AmCon Fast Paste Epoxy base with the AmCon Fast Paste Epoxy curing agent. The mixing ratio is 1/1 (base/curing agent) by volume. AmCon Fast Paste Epoxy does not require a 'sweat-in' or induction time and the mixed components should be used immediately.

Pot life is approximately 10-15 minutes at 75°F, so mix only the amount of epoxy that can be easily applied within that time limit. Apply using a spatula or other straightedge.

Temperature

Temperature will exert a considerable influence on the rate of curing of chemically cured paste such as AmCon Fast Paste Epoxy. In broad terms expect each 10°C, (18°F), rise or fall in temperature to half or double dry times and pot lives.

Transport

Nonregulated by USDOT, IATA & IMO.

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Manufactured in USA

Supplied by: AMCON (ASIA) PTE LTD
51, Bukit Batok Crescent, # 07-08, Unity Center, Singapore 658077, Tel. (65) 64730048, Fax: (65) 68985005, E-mail: Fitcon@patronicsgroup.com.