

POLYBAC #1003

FAST-SET LOW-ODOR EPOXY PASTE

Data Sheet C-03

1. PRODUCT NAME

POLYBAC #1003

2. MANUFACTURER

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3. PRODUCT DESCRIPTION

POLYBAC #1003 is a specially formulated low-odor epoxy paste that will provide a fast-setting compound for sealing of cracked concrete prior to injection with epoxy or urethane resin systems. POLYBAC #1003 is an easy to mix 1 to 1 by volume ratio and will be ready for injection in as little as 25 minutes. POLYBAC #1003 is ideal for setting of injection ports and can be used to patch concrete prior to top-coating. POLYBAC #1003 is waterproof and will bond to wet surfaces and can even cure underwater. POLYBAC #1003 is a thick non-sag paste compound that will allow for vertical and overhead patching.

Advantages

- U LOW-ODOR FORMULA
- U 10 MINUTE WORK TIME
- U FAST-SETTING
- U NO VOC'S OR SOLVENTS
- U BONDS TO DAMP SURFACES

Uses

For the setting of injection ports and sealing crack surfaces. POLYBAC #1003 is ideal for use on:

- EPOXY AND URETHANE INJECTION OF CONCRETE
- SEA WALL OR UNDERWATER CONCRETE REPAIR
- AQUARIUM OR POOL REPAIRS
- EMERGENCY REPAIRS OF BROKEN ITEMS

4. APPLICATION INSTRUCTIONS

- 1) Clean surface by sandblasting or grinding to provide rough white-metal profile.
- 2) Thoroughly mix equal amounts by volume of Part A Resin with Part B Hardener until streak free. Mix only enough that can be applied in 5 minutes.

- 3) Spread mixed epoxy with trowel or putty knife and worked well into the surface.
- 4) Epoxy may be smoothed with a trowel dipped in a solvent.

Consult Polygem for additional technical instructions for crack repair specifications.

Packaging

POLYBAC #1003 is available in 22 ounce dual Cartridges and 2 Gallon or 10 Gallon Kits.

Shelf Life

Factory sealed containers of this product are guaranteed to be of first quality for min. 12 months.

Limitations

- Do not apply over 5/8" thick per layer. Additional thickness can be built up with multiple coats. Allow prior coat to harden and cool to touch before the application of the next layer.
- Not for use on wet or oily surfaces.
- Do not install when surface temperature is below 35°F (7°C) or above 100°F.
- During cool conditions epoxy will cure slower, protect finished work from wear and abrasion until fully cured.

Cautions

- Wear chemical goggles and NIOSH approved respirator. Wear proper protective clothing and gloves to prevent direct contact of resins. Consult Material Safety Data Sheet for full listing protective requirements.
- POLYBAC #1003 may irritate eyes and skin. Avoid contact with eyes or prolonged contact with skin.
- For professional use only.
- Keep out of reach of children.

5. TECHNICAL DATA

Performance Properties
Test/Test Method Results

Pot Life @ 77°F (100 gms)	8-10 mins.
Tack-Free Time @ 77°F	10 Minutes
Cure Time @ 77°F	20-30 Minutes
Shore D Hardness ASTM D-2240	85-80
Mix ratio by volume	A/B 1:1
Mixed Viscosity	Heavy Paste
Color Mixed	Light Gray
Coverage	12.8 sq. ft. @ 1/8" per gallon

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