

Product description

Concrete Epoxy Stick is a hand-mixable, fast-setting epoxy putty that quickly repairs concrete and masonry. It also bonds to metals, wood, glass, and many plastics. After mixing, it forms a concrete repair polymer that cures to a concrete-like color and texture. Each handy stick contains pre-measured portions of activator and base throughout — no measuring or mixing tools are necessary. The consistency (like modeling clay) eliminates drips and runs, facilitates adhesion to the substrate, and allows the material to be shaped and formed as needed before curing begins. After 60 minutes the application can be drilled, sawed, filed, tapped, and painted.

Suitable for interior or exterior use, it is resistant to water, chemicals, and temperature extremes.

Concrete Epoxy Stick contains no solvents or VOCs. It's non-flammable and releases no noxious fumes. It won't shrink or pull away. The unused portion stays fresh for future use when saved in its original package.

Benefits

- Will not shrink
- Putty-like consistency, eliminates drips & runs
- No tools required
- One hour after application can be drilled, sawed, sanded, filed, tapped, machined, and painted.

Typical applications

- Patch chipped concrete floors, curbing and steps.
- Seal basement leaks
- Repair and rebuild decorative concrete trim moldings, statues, birdbaths, and other concrete lawn ornaments
- Rebuild chipped cemetery headstones.
- Anchor bolts, screws, railings, workbench or machine legs.
- Seal tie-rod holes.

How to use

Before applying, roughen and clean area to be repaired. Wear impermeable gloves before handling or mixing uncured material. Then follow these easy steps:

1. Cut off required amount
2. Mix into uniform colour with gloved fingers
3. Apply to repair surface within 2 minutes. Force into cracks or holes and remove excess material with a tool moistened with water.

When applying to a damp, wet or slowly leaking area, work the mixed material forcefully into the surface and apply pressure until adhesion begins to take effect.

For best results: Use damp fingers for easier mixing, application, and smooth appearance of the cured compound. Remove excess material before hardening begins.

Curing: Concrete Epoxy Stick has a 4- to 7-minute work life. Functional cure occurs within 60 minutes.

Health precautions

- Contains Epoxy Resin and Tri (dimethylaminomethyl) phenol. Skin and eye irritant/sensitizer. Direct product contact may cause allergic reaction in some individuals. Wear impervious gloves when mixing or handling uncured product. Avoid contact with eyes.
- Inhalation of dust may be harmful; wear dust mask and protective eyewear when sanding cured product.
- Ingestion of product may be harmful.
- KEEP OUT OF REACH OF CHILDREN.

For additional information consult Safety Data Sheet

Performance Data*

SHELF LIFE AT 75 F (24 C)	24 months minimum
SHORE D HARDNESS AT FULL CURE (24 hrs)	80
LAP SHEAR TENSILE STRENGTH	
On steel (1" x 1" x 1/16")	700 lbs (4.8 MPa)
On concrete Concrete failure	
COMPRESSIVE STRENGTH	8,000 psi (55 MPa)
SHRINKAGE	<1%
NON-VOLATILE CONTENT	100%
DIELECTRIC STRENGTH	300 volts/mil
TEMPERATURE LIMITS	
Continuous	-40 to 250 F (-40 to 121 C)
Intermittent	-40 to 300 F (-40 to 149 C)
CHEMICAL RESISTANCE	
Resistant to hydrocarbons, ketones, alcohols, esters, halocarbons, aqueous salt solutions and dilute acids and bases.	
NOT INTENDED FOR STRUCTURAL APPLICATIONS	
*Not to be used for specification purposes.	

Typical properties are for information only, not for purposes of specification. The data above represents product performance in ideal laboratory conditions. Individual users' experience may vary depending on application conditions.

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