

Repair and rebuild anything made of steel

FastSteel®

STEEL-REINFORCED EPOXY PUTTY STICK

Rebuild...

- Stripped threads
- Small machine parts
- Rust-damaged metal

Form...

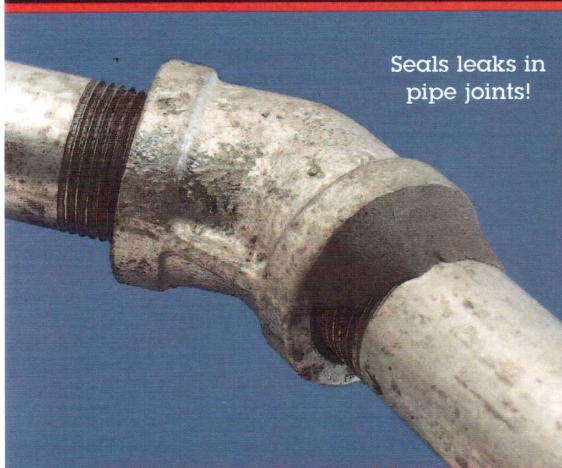
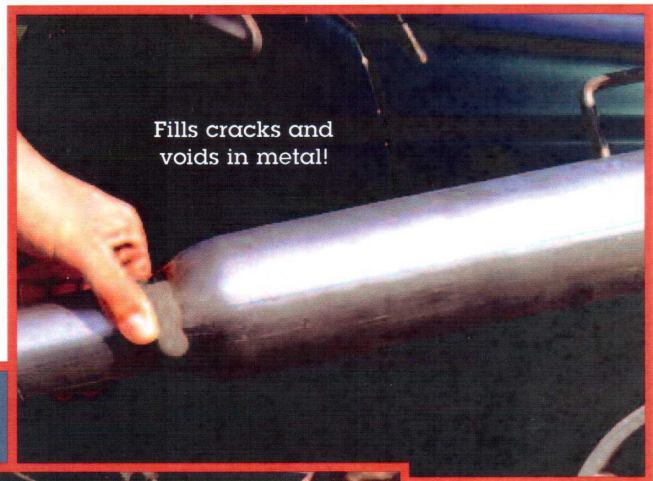
- Custom tools, handles
- Prototype parts
- Anchor machines

Repair...

- Leaking pipes
- Ductwork
- Cracks and voids in metal



- The ultimate solution for small or emergency repairs
- Easy-to-use and mistake-proof
- Bonds instantly with superior strength
- Saves hundreds of dollars in repairs
- Belongs in every toolbox



Made in U.S.A.



3

MINUTE
WORK
LIFE

FastSteel® Steel-Reinforced Repair Epoxy Putty Stick

Product Description

FastSteel® Epoxy Putty Stick is a fast-setting, industrial-strength polymer compound that enables permanent repairs to anything made of steel or other metals. It also bonds to wood, glass, masonry, and many plastics. Each handy stick contains pre-measured portions of activator and base throughout – no measuring or mixing tools are necessary. As the epoxy is mixed, the two contrasting colors blend into one color to indicate complete mixing. 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. FastSteel® epoxy cures to a dark gray metallic color. Once cured, it can be tapped, drilled, screwed, sawed, machined, ground, filed, or painted. It is non-rusting. Suitable for interior or exterior use, it is resistant to water, chemicals, and temperature extremes. FastSteel® epoxy contains no solvents or VOC's. 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.

Performance Data*

SHELF LIFE (months @ 75°F, min)	24
HARDNESS, SHORE D (full cure, 1 hr.)	80
LAP SHEAR TENSILE STRENGTH (p.s.i.)	
On Steel	900
COMPRESSIVE STRENGTH (p.s.i.)	12,000
DENSITY (gm/cm ³ , lb/gal)	2.2, 18.5
SHRINKAGE (%)	<1
NON-VOLATILE CONTENT (%)	100
ELECTRICAL RESISTANCE (megohms)	30,000
DIELECTRIC STRENGTH (volts/mil)	300
UPPER TEMPERATURE LIMIT	
Continuous (°F)	250
Intermittent (°F)	300
CHEMICAL RESISTANCE	

Resistant to hydrocarbons, ketones, alcohols, esters, halocarbons, aqueous salt solutions and dilute acids and bases.

*Typical properties: for information only; not for specification purposes.

Packaging Options

FastSteel® epoxy is available in 3 1/2" (2 oz.) and 7" (4 oz.) lengths. Individually packaged in reusable clear plastic tube with tri-lingual (English, Spanish, French) instructions and plastic friction top. Packed 12 sticks in display carton – 2 display cartons per master carton, or 24 sticks per shipper carton. 3 1/2" sticks are also available in blister packs (12 per carton).



Pop-Up
Cardboard
Display Carton



Blister
Packs



Acrylic Display
Racks

How To Use

Before applying, roughen and clean the area to be repaired. Then follow these easy steps.



1. Cut



2. Mix



3. Apply

1. **Cut** or twist off required amount.
2. **Mix** by kneading with fingers to a uniform color. If mixing is difficult, warm FastSteel® epoxy to room temperature or slightly above.
3. **Apply** to surface to be repaired (within two minutes of mixing). Force into any cracks or holes and strike off excess material, preferable with a tool wet with clean water.

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

For Best Results: Use damp fingers for easier mixing and application. Remove excess material before hardening begins.

Curing: FastSteel® epoxy has a work life of approximately 3 minutes. After 5–10 minutes it will harden and form a tenacious bond. After 60 minutes, the system can be put back into service.

WARNING

- May cause irritation to sensitive skin. Wash hands with soap and water after use.
- May be harmful if swallowed. Contact physician.
- Eye irritant. In case of eye contact, flush with water.
- Keep out of reach of children.
- Not intended for use in structural applications.
- When sanding cured putty and substrate, use protective eye wear and dust mask.

Applicable Standards

- USDA** Acceptable for use in federally inspected meat and poultry plants
- NSF** Certified by The National Sanitation Foundation for use in contact with drinking water.
- ABS** Certified by The American Bureau of Shipping for use on marine vessels.

FastSteel® Epoxy is one in a family of Specialty Epoxy Putties originated and manufactured by Polymeric Systems, Inc. – also look for InstaCrete, QuikWood, AquaMend, RepairitQuik, QuikCopper, QuikAluminum, and QuikPlastik. These Polymeric Epoxy Putties give you the ability to fix just about anything.

PSI POLYMERIC
SYSTEMS, INC.

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