

Rebuild ... small engine parts,
seal leaks, fill cracks and
voids in metal.

Form ... nuts and bolts,
repair stripped threads,
anchor machines.

Repair ... metal tools, equipment,
ducts, housing and appliances.

FastSteel®

Made in U.S.A. Patented formula

Steel-Reinforced Epoxy Putty

Steel-Reinforced Epoxy Putty

steel steel

• REPAIR • REBUILD



FastSteel® is a patented, hand-mixable, non-rusting steel-reinforced epoxy putty that quickly repairs or rebuilds anything made of steel. This handy "tootsie-roll" has a curing agent encapsulated in a contrasting color base material. When mixed together, the materials combine to form an industrial strength polymer compound that can be molded into shapes or used to build up, patch and repair steel components. After final cure, FastSteel can be drilled, tapped, machined, ground or filed.

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

1. **Cut** or twist off required amount.
2. **Mix** by kneading with fingers to a uniform color. If mixing is difficult, warm FastSteel to room temperature or slightly above.
3. **Apply** to surface to be repaired (within two minutes of mixing). For best adhesion, force into any cracks or holes.

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

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

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

STEEL-REINFORCED EPOXY PUTTY

PERFORMANCE DATA*:

WORKING LIFE (minutes)	3 - 5
SHelf STABILITY (months @ 75°F, minimum)	24
HARDNESS, SHORE D (full cure, 1 hr.)	75 - 85
LAP SHEAR TENSILE STRENGTH	
On Steel (1" x 1" x 1/16") lbs	800 - 1,000
COMPRESSIVE STRENGTH (p.s.i.)	10 - 14,000
DENSITY (gm/cm ³ , lb/gal)	2.2, 18.5
SHRINKAGE (%)	< 1
NON-VOLATILE CONTENT (%)	100
ELECTRICAL RESISTANCE (megohms)	30,000
DIELECTRIC STRENGTH (volts/ml)	300
UPPER TEMPERATURE LIMIT	
Continuous (°F)	250
Intermittent (°F)	300

CHEMICAL RESISTANCE: Resistance to hydrocarbons, ketones, alcohols, esters, halocarbons, aqueous salt solutions and dilute acids and bases.

* Not to be used for specification purposes.

WARNING:

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

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