



STEEL-POXY STEEL FILLED EPOXY STICK

● PRODUCT DESCRIPTION

Steel-Poxy is a two component hand kneadable non-rusting steel filled epoxy putty which can repair and rebuild anything made of steel and metal. Steel-poxy cures to a steel color.

- After 60 minutes it can be sawed, drilled, carved, sanded, and painted.
- Resistant to water, chemicals and extreme temperature changes.
- No solvent or VOC.
- Non-flammable

*Does not adhere to PP, PE, PTFE. Test for adhesion first.

● APPLICATION FIELDS

Repair of leaking pipes, ductwork, cracks and voids in metal
Rebuilding of stripped threads, small machine parts, rust damaged metals

● CURING PROPERTIES

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|-----------------|------------|
| Working Time | 3 – 5 min. |
| Functional Cure | 60 min. |
| Full Cure | 24 hours |

● CURED PROPERTIES

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|--|--|
| Color | Steel Grey |
| Hardness (Shore D) | 80 |
| Lap Shear Tensile Strength on Steel (1" x 1" x 1/16") | 6.2 MPa |
| Compressive Strength | 55 MPa |
| Density | 2.2 gm/cm ³ |
| Shrinkage | <1 % |
| Voc | 0 % |
| Electrical Resistance | 30,000 megohms |
| Dielectric Strength | 300 volts/mil |
| Temperature Resistance | "Continuous -40°C to +120°C" "Peak -40°C to +150°C" |
| Chemical Resistance | Hydrocarbons, ketones, alcohols, esters, halocarbons, aqueous salt solutions and dilute acids and bases. |



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● INSTRUCTION FOR USE

Cut off the required amount.

Knead by hand until see the uniform color.

Apply to surface to be repaired within 2 minutes of mixing. Push into any cracks or holes and strike off excess material. Push the mixed material with a clean water moistened tool.

● STORAGE AND SHELF-LIFE

Shelf life of Steel-Poxy is 24 months at 24°C.

