



## 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

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

### ● CURED PROPERTIES

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 <sup>3</sup>
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.



## STEEL-POXY

## STEEL FILLED EPOXY STICK

### ● 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.

