

SYNTHO-STEEL™

TWO-PART STEEL REINFORCED EPOXY PUTTY



Description

Syntho-Steel™ is a two-part, steel reinforced epoxy putty. It cures in minutes and can repair most anything made of metal, masonry, wood, ceramic, glass and plastics. Syntho-Steel contains no solvents, is non-toxic and easily prepares for application. Unlike liquid epoxies, Syntho-Steel will not drip or sag and will set on wet surfaces. NSF 61 approved for use with potable water.

Mechanical Properties *

Shelf Life	Months @ 75°F (24°C)	24
Hardness	Shore D (full cure 1 hr)	80
Lap Shear Tensile Strength	psi (on steel)	900
Compressive Strength	psi	12,000
Density	gm/cm ³ , lb/gal	2.2, 18.5
Solids Content	%	100
Electrical Resistance	megohms	30,000
Dielectric Strength	volts/mil	300
Upper Temperature Limit	Continuous / Intermittent	250°F (121°C) / 300°F (149°C)
Chemical Resistance	Resistant to hydrocarbons, ketones, alcohols, esters, halo-carbons, aqueous salt solutions and dilute acids and bases.	

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

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Typical Applications

- Repair leaking water pipes
- Stops leaks in oil and water tanks
- Plug holes and seal seams in air ducts
- Seal leaks in air-conditioning coils
- Seal leaks in down spouts and gutters
- Fill corrosion voids



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Innovative Composite Solutions