SYNTHO-STEEL™
TWO-PART STEEL REINFORCED EPOXY PUTTY

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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 plastic. Syntho-Steel contains no solvents, is non-toxic and easily prepares for application. Unlike liquid epoxies, Syntho-Steel will not drip or sag and can be applied on wet surfaces. NSF 61 and BS6920 approved for use with potable water. When fully cured the material produces a durable, resilient bond resistant to hydrocarbons, ketones, alcohols, esters, halocarbons, aqueous salt solutions and dilute acids and bases.

Mechanical Properties

Test	Method	Result
Hardness, Shore D @ 75°F (24°C)	ASTM D2240	80
Lap Shear	ASTM D3163	900
Compressive Strength	ASTM D695	12,000 psi (827.3 bar)
Dielectric Strength	ASTM D149	300 volts/mil

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

Typical Applications

- Repair leaking water pipes
- Seals leaks in oil and water tanks
- Plug holes and seals
- Fill corrosion voids
- Designed for low pressure leaks

Physical Properties

Property	Typical Test Value
Service Temperature:	Continuous: 250°F (121°C) Intermittent: 300°F (149°C)
Density:	2.2 lb/gal, 18.5gm/cm3
Electrical Resistance:	30,000mega-ohms
Solids Content:	100%
Shelf Life:	24 Months with recommended storage condition

Warranty

 NRI utilizes a process of continuous product improvement for all of our products. While we do strictly adhere to our products' specifications, we routinely implement product improvements. Therefore, please contact your local NRI distributor or office for the most current product specifications. NRI warrants the quality of this product when used according to directions. User shall determine suitability of product for use and assumes all risk. The seller will not accept liability for more than product replacement. SSteel DS 0214

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