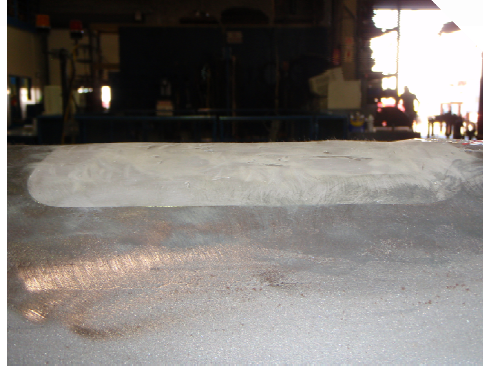
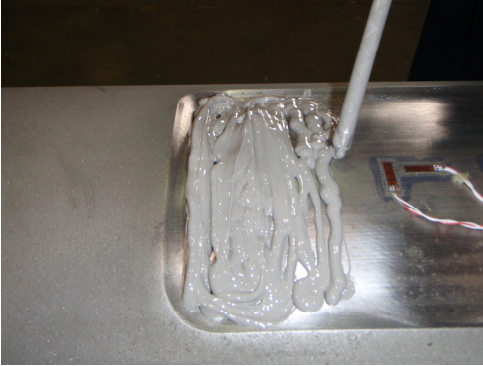


SYNTHO-POXYTM HC

TWO-PART EPOXY COMPOUND



Description

Syntho-PoxyTMHC is a two part epoxy compound that cures quickly at room temperature. Its high compressive strength makes it very suitable for repairing pitted metal and steel surfaces that are subjected to high pressure. The mix ratio of Syntho-Poxy HC resin to hardener is 1:1 by weight and volume. When fully cured, the material produces a durable, resilient bond that is resistant to many solvents and adverse environments.

Mechanical Properties

Test	Method	Result
Compression Strength	ASTM D695	18,000 psi (1241 bar)
Lap Shear	ASTM D3163	2,000 psi (138 bar)

Item #	Description
SPHC50mL	Syntho-Poxy HC 50ml Cartridge w/ Nozzle
SPHC200mL	Syntho-Poxy HC 200ml Cartridge w/ Nozzle
SPHC400mL	Syntho-Poxy HC 400ml Cartridge w/ Nozzle
SPHC_1/2PT	Syntho-Poxy 1/2 Pint Kit
SPHC_PT	Syntho-Poxy 1 Pint Kit
SPHC_QT	Syntho-Poxy 1 Quart Kit



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Typical Applications

- Fills pits, voids, corrosion defects, dents, etc. to effectively transfer the load to the repair system
- Used with Syntho-Glass[®]XT and Viper-Skin[™] repair systems
- Underwater, below or above ground

Benefits

- Effectively transfers load from the pipe to the repair system
- Highest compression strength of any load transfer material on the market
- Reduces strain of the pipe by over 50% of conventional putty materials
- High bond strength reduces possibility of leaking under the repair
- Available in cartridge form for perfect mixing and consistent applications every time

Physical Properties

Application Temperature:
40° to 200°F (5° to 93°C)

Color:

Resin - Dark Gray

Curing Agent - Off White

Cure Time: 8 Hours at 75°F (24°C)

Pot Life: 4-6 Minutes at 75°F (24°C)

Set Time: 10-15 Minutes at 75°F (24°C)

Solids Content: 100%

Storage Conditions: Cool, dry place

Shelf Life: 12 Months

