

SYNTHO-QUICKSET™

FAST SETTING, KEVLAR® REINFORCED ADHESIVE EPOXY



Description

Syntho-QuickSet™ is a fast setting, Kevlar® reinforced, adhesive and repair epoxy system. This adhesive sets rapidly, even under adverse, humid conditions.

Mechanical Properties

Test	Method	Result
Tensile Strength	ASTM D638	9,400 psi (648.1072 bar)
Tensile Modulus	ASTM D638	493 psi (33.9 bar)
Elongation	ASTM D638	2.5%
Flexural Strength	ASTM D790	16,700 psi (1151.4 bar)
Flexural Modulus	ASTM D790	377 psi (25.9 bar)

Chemical Resistance

Gasohol	Excellent
Sydrol	Excellent
Distilled water	Excellent
Inorganic acids	Excellent
Alkalies	Excellent
Dilute Acetic Acid	Excellent

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Typical Applications

- Bonding applications
- Pipe repairs
- Concrete repairs
- Chemically resistant coatings

Benefits

- Excellent profiler
- Fast setting time
- Good chemical resistance
- DOT non-corrosive

Physical Properties

Color: Resin-Gray, Catalyst - White

Working Time: 15 Minutes at 77°F (25°C)

Thin Film Set Time:

1.5 Hours at 77°F (25°C)

Viscosity at 77°F (25°C):

Resin - Paste, Catalyst - 4,000

Specific Gravity at 77°F (25°C):

Resin - 1.56, Catalyst - 1.1

Mix Ratio by Weight (resin:catalyst): 100:13

Shelf Life: 12 Months with recommended storage

