Strong Steel Sticks

Renewal Composite



FEATURES

- Hand-kneadable, ready-to-use stick for fast emergency repairs
- Hardens like steel in 60 minutes
- Can be machined, drilled, tapped and painted in 60 minutes
- Plugs and seals leaks; Non-rusting
- Patches holes and cracks in pipes, drums, and tanks
- Can be used for underwater repairs
- Chemical Resistance: Alcohols, Aqueous salt solutions, Bases, Dilute Acids, Esters, Halocarbond, Hydrocarbons, Ketones

APPLICATIONS

- Ceramics
- Custom Formed Gaskets
- Ductwork
- Electrical Equipment
- Machinery
- Plumbing
- Underwater
- Vehicles

PROPERTIES

Appearance / Physical State	Solid.
Color	Dark gray.
Odor	Not available.
Flash Point	Closed cup: not applicable.
Density	18.86 lb/gal
Compression Strength	8,000 psi (55 MPa) (ASTM D695)
Dielectric Strength	300 volts/mil
Electrical Resistance	30,000 megohms-cm
Full Cure Time	24 hours @ 75°F (24°C)
Hardening Time	60 minutes @ 75°F (24°C)
Hardness	80 D (SHORE, ASTM D1706) @ full cure
Lap Shear Tensile Strength on Steel	900 lbs (6.2 MPa) on steel (1" x 1" x 1/16")
Shrinkage	<1%
Temperature Range	Continuous: -40 to 250°F (-40°F to 121°C) Intermittent: -40 to 300°F (-40°F to 149°C)
Working Time	4 minutes @ 75°F(24°C)

DIRECTIONS

Twist/Cut off the required amount. Mix by kneading with fingers to a uniform color. Apply to surface to be prepared within 2 minutes of mixing. Force into any cracks or holes and strike off excess material, preferably with a tool moistened with clean water.

HANDLING

May cause an allergic skin reaction. Wear protective gloves. If on skin: Wash with plenty of water

STORAGE

Store away from incompatible materials.

DISPOSAL

Dispose of contents/container in accordance with local/regional/national/international regulations.

AVAILABLE PRODUCTS

Part No.		Net Contents	Container Type	Units/Case	Approximate Case Weight
US	Canada				
60159	C60159	4 wt oz / 114 g	tube	36	12 lbs

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