



# STRONG STEEL STICK

## RENEWAL COMPOSITE



### PACKAGE

Net Fill  
4 oz. (114 grams) stick

Part No.  
60159

### APPLICATIONS

- Ceramics
- Custom Formed Gaskets
- Ductwork

- Electrical Equipment
- Machinery
- Plumbing

- Underwater
- Vehicles

### PROPERTIES

#### Compression Strength (ASTM D695):

8,000 psi (55 MPa)

#### Color:

Dark grey

#### Density:

18.5 lb/gal., 2.2 gm/cm<sup>3</sup>

#### Dielectric Strength:

300 volts/mil

#### Electrical Resistance:

30,000 megohms

#### Full Cure Time:

24 hours @ 75°F (24°C)

#### Hardening Time:

20 minutes @ 75°F (24°C)

#### Hardness (SHORE, ASTM D1706):

80 D

#### Lap Shear Tensile Strength on Steel (1" x 1" x 1/16"):

900 lbs (6.2 MPa)

#### Shrinkage:

<1%

#### Temperature Resistance:

300 °F (149°C)

#### Working Time:

4 minutes @ 75°F(24°C)

#### Upper Temperature Limits

Continuous 250°F (121°C)

Intermittent 300°F (149°C)

# LPS<sup>®</sup> STRONG STEEL STICK

## RENEWAL COMPOSITE

### DIRECTIONS

Before applying, roughen and clean the area to be repaired. Then follow these steps.

1. **CUT** or twist off required amount.
2. **MIX** by kneading with fingers to a uniform color. If mixing is difficult, warm Strong Steel Stick to room temperature or slightly above.
3. **APPLY** to surface to be repaired within 2 minutes of mixing. Force into any cracks or holes and strike off excess material, preferably with a tool moistened with clean water.

When applying to a damp, wet or slowly leaking area, work the material forcefully into the surface and apply pressure until adhesion begins to take effect.

**FOR BEST RESULTS:** Use damp fingers for easier mixing, application, and smooth appearance of the cured compound. Remove excess material before hardening begins.

TEMPERATURE	WORKING TIME	HARDENING TIME	FUNCTIONAL CURE TIME	FULL CURE TIME
75°F (24°C)	4 MINUTES	20 MINUTES	60 MINUTES	24 HOURS



### CHEMICAL RESISTANCE

- Alcohols
- Aqueous salt solutions
- Bases
- Dilute acids
- Esters
- Halocarbons
- Hydrocarbons
- Ketones

MATERIAL SAFETY DATA SHEETS AVAILABLE UPON REQUEST OR VISIT OUR WEB SITE : [WWW.LPSLABS.COM](http://WWW.LPSLABS.COM)

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