



# Epoxy.com Product #701

## Flexible Bonder

### DESCRIPTION

Epoxy.com™ Product #701 Flexible Bonder is a two component, 100% solids, mixed at a 1:1 ratio adhesive formulated to give a permanent bond to ceramic, metal, concrete and elastomeric surfaces. Product #701 is thixotropic, non-sag, and is easily applied by trowel.

### ADVANTAGES

- Excellent bond to most substrates.
- Permanent flexibility, molecularly fixed, will not migrate.
- 100% solids, non-combustible.
- Thixotropic - Light Gel - Dependable gap filling adhesive for permanent adhesion of structural components.
- Convenient one to one by volume mix ratio.
- Excellent chemical resistance.
- Excellent recovery from deformation by compression or elongation.
- Stays flexible at temperatures as low as “20 Degrees F (-29 degrees C).
- Retains properties at temperatures as high as 300 degrees F (149 degrees C) in intermittent exposure.
- Used to stop leaks between ceramic insulators and transformer housing.

PHYSICAL PROPERTIES	
Color	Light Gray (Other colors available as Special Order Products)
Mix Ratio	1A:1B by volume
Viscosity	Light Gel
Pot Life	15 mins. @ 72 Degrees F $\hat{\pm}$ 2 (22 degrees C)
Compressive Strength (ASTM C-579) Method B	3,000 p.s.i min. - 7 days
Tensile Strength (ASTM D-638) Type I	1,750 p.s.i min.- 7 days
Lap Shear Steel to Steel (ASTM D-1002)	800 p.s.i min. - 7 days

### SURFACE PREPARATION

Surface must be clean. Remove grease, rust, or other foreign materials by best means available. For best results surfaces should be dry during application.

## **MIXING:**

Combine one part by volume of Component A<sup>□</sup> with one part by volume of Component B Mix for not less than (3) three minutes using a slow speed drill (300 to 600 rpm) and Mixing Paddle.

## **COVERAGE:**

There are 231 cubic inches to a gallon. So you will get about 25.6 square feet per 1/16 inch of thickness. If using this as an anchor bolt, or dowel bar adhesive, you can double check you volume with the Epoxy.com Dowel Bar and Anchor Bolt Adhesive Calculator.

## **CAUTION:**

**WARNING!** A Component contains epoxy resin. **DANGER!** B Component contains alkaline amines; strong sensitizer. May cause skin sensitization or other allergic responses. Use with good ventilation, particularly if material is heated or sprayed. Prevent all contact with skin or eyes. Wear protective clothing, goggles, gloves, and/or barrier creams. Keep containers closed when not in use. Wash thoroughly after handling.

**FIRST AID:** In case of skin contact immediately wash with soap and water. In case of eye contact, flush with copious amounts of water for at least (15) fifteen minutes. Remove contaminated clothing. If irritation persists, seek medical attention. Wash clothing before reuse.

## **FOR INDUSTRIAL USE ONLY KEEP AWAY FROM CHILDREN**

For more information please contact:

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