



El Supremo

BUILDERS EPOXY (2-COMPONENT)

DESCRIPTION

El Supremo Builders Epoxy is a multi-purpose thermosetting material that exhibits excellent bonding properties on various materials such as concrete, metal, wood, glass, ceramics and porcelain. Parts bonded with Bostik El Supremo exhibit excellent adhesive strength and high resistance to water, most acids, most alkali and other chemicals.

FEATURES AND BENEFITS

- Strong adhesion
- With more spreadable consistency versus other brands
- With excellent flexibility that allows reasonable movement of concrete, wood, metal, glass, ceramics and porcelain.
- Hardens and toughens the surface making resistant to cracking even when impacted by hard objects

RECOMMENDED USES

For Bonding

- Bonding old to new concrete
- Dowelling of metal to concrete
- Bonding joints between various material like concrete, metal, wood, glass, ceramics and porcelain
- Other structural applications where parts are subject to heavy load

APPLICATION PROCEDURE

Surface Preparation

1. Clean surfaces and let dry. Remove traces of oil, varnish and other chemicals
2. If necessary, smoothen surface with sand paper

Mixing

1. Add component B (hardener) to Component A (resin) in the proportion of 1 to 1 by volume. Mix Properly to obtain a uniform color.
2. Let the mixture of A & B stand for 5 minutes before using
3. Prepare just enough mixture of A & B that you expect to use in one hour application time. The mixture of A & B hardens or sets after one hour.



APPLICATION

1. Apply the epoxy mixture using a putty knife on the clean surface.
2. If used for filling, spread and level off the epoxy mixture across the entire surface. Fill all cracks, gaps and crevices in the process.
3. Remove excess epoxy from the glue line, if any.
4. Allow to dry for 3 hours before sanding. It is important that parts being bonded should not be moved or shifted while epoxy is setting. Full cure is achieved after 3 days.

PACKAGING

1 Gallon set, 1 Liter set, ½ Liter Set, ¼ Liter Set

TECHNICAL PROPERTIES

Compressive Strength	8,700 psi to 11,000 psi
Tensile Strength	3,000 psi
Heat Resistance	70°C
Chemical Resistance	Excellent

PRODUCT SPECIFICATIONS

Color: Part A(resin)	White
Part B(hardener)	Grey
Solid Content	99-100%
Mixing Ratio (by volume)	1 part A, 1 part B
Setting Time	1-1.5 hours
Drying Time	3 hours
Full Cure	3 days
Pot life of A & B Mixture	1 hour

DISCLAIMER:

The information in this Technical Data Sheet is intended for the assistance of users and is of a general nature. It reflects the extent of our knowledge and experience of our products and is based on tests which we believe to be reliable. However, no guarantee of accuracy can be given due to the wide range of surfaces, environmental and field conditions and variations encountered in raw materials, manufacturing equipment and methods at the place where the work is performed. Some of these will be beyond our knowledge and control. Users are asked to make sure that the TDS in their possession is the latest issue. Likewise, we recommend users carry out their own tests to determine the suitability of the product for their particular purposes.

Any claim for a defective product must be filed within 30 days of discovery of a problem and must be submitted with written proof of purchase. Claims are not transferrable or assignable and extend only to the original purchaser/user. Bostik reserves the right to inspect and alleged failure and no responsibility will be accepted unless Bostik is given the opportunity to do so. Bostik limits its liability to the replacement of the product/s proven faulty.

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