

## Bonstone<sup>®</sup> Fast Set™ Extreme

### Product Description

A fast-setting, cold weather epoxy where initial setting speed or use in cold temperatures is required. Not recommended for interior use.

### Product Features


- Fast setting
- Cures in below freezing temperatures
- Ability to adhere to slightly damp stone
- Can be used on porous stone



### Applications

- Structural bonding and repairs of natural stone, concrete, masonry, metals, and wood
- Re-attaching stone
- Anchoring of bolts, dowels, rebar, and pins
- Crack repair
- Ideal for assembly line fabrication

### Specifications

Product Type:	Epoxy	 <p><b>Chemical Concepts</b><sup>™</sup> Our expertise is your solution.</p> <p>chemical-concepts.com <b>800.220.1966</b> 410 Pike Road • Huntingdon Valley, PA 19006</p>
Viscosity:	Knife-Grade	
Mix Ratio:	1:1	
Set Time:	30 Minutes	
Cure Time:	2 Hours	
Pot Life:	5-6 Minutes	
Application Conditions:	Exterior; Vertical, Horizontal	
Recommended Application Temp:	75°F (24°C)	
Coverage:	Per Gallon: 50mils (1/16")30ft <sup>2</sup> or 231cu. inches	
Available Colors:	Buff	
Sizes:	250ml, Quart (946ml), Gallon (3,785ml), 5 Gallon Pail (18,927ml)	
Other:	Use with Manual Single Cartridge Gun (011055); Large Pro-Tip Nozzle (280AN226)	



## Surface Preparation & Use

Use gloves, wear eye protection, and avoid skin contact. When grinding cured joints, wear a dust mask. Substrate to be bonded must be completely dry and dust free. Mix only the amount of epoxy which can be used in 5 minutes. Avoid stressing joint before complete cure of epoxy. Mask areas which must be kept free of epoxy. Clean uncured epoxy from tools with toluol (toluene) or xylol (xylene). Use caution, these solvents are flammable. Ensure local ventilation. Remove cured epoxy mechanically.

## Mixing Instructions

The unmixed epoxy components should be at or above 45°F (7°C). Combine the two ingredients at the following ratio: one part A to one part B. Mix thoroughly, ingredients must be blended homogeneously for proper cure.

## Temperature Dependency

This product is unique, and cures even at below freezing temperatures.

## Shelf Life & Storage

Shelf life is approximately one year if kept in unopened cans in a dry area at 75°F (24°C).

## Limitations

Use on dry substrates. Use on oil, grease, and coating-free substrates. This product will yellow on exterior exposure to sunlight. Due to strong odor, this product is recommended for exterior use.

## Safety

Before storing, mixing, or applying this product, read and understand all the product's Safety Data Sheets. For a copy of the SDS, contact Bonstone Materials at (800) 425-2214.

## Warranty

This product's warranty is limited to replacement of defective material and freight charges to destination only. Bonstone Materials is not responsible for consequential damages.

Testing Data

<u>Strengths</u>	<u>Results</u>	<u>Test Method</u>
Tensile	4,156 psi	ASTM D-638
Compressive	8,713 psi	ASTM D-695
Flexural	7,955 psi	ASTM D-790
<u>Modulus</u>		
Tensile	805,093 psi	ASTM D-638
Compressive	195,955 psi	ASTM D-638
Flexural	Not available	Not available
Elongation: Tensile: Elongation at break	0.67%	ASTM D-638
Shore D	87	
Heat Distortion Temp	Not available	Not available
Shear Strength	3,178 psi limestone to limestone	Not available
24 Hour Water Absorption	Not available	Not available
Other	NA	



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