

Bonstone[®] Last Patch™ Gel

Product Description

A UV stable, stone patching compound for glossy stones like granite.

Product Features

- UV Stable, will not yellow
- Fast setting
- Allows for slight movement
- Will not shrink
- Will cure at below freezing temperatures with Universal Accelerator
- High gloss finish, can be sanded for honed look
- Can be tinted using Touchstone™ Liquid Tints



Applications

- Patching chips, holes, spalls, and face pins
- Surface patching to Dutchman joints
- Crack repair from hairline to 1/4"
- Cemetery and monument repairs
- Countertop repairs
- Flooring and tile repairs

Specifications

Product Type:	Patching Compound
Viscosity:	Knife-Grade
Mix Ratio:	1:1
Set Time:	45 Minutes
Cure Time:	2 Hours
Pot Life:	2 Minutes
Application Conditions:	Interior, Exterior; Vertical, Horizontal
Recommended Application Temp:	75°F (24°C)
Coverage:	2 cu. Inches per ounce
Available Colors:	Amber
Sizes:	2oz (60ml), Pint (473ml), Quart (946ml)
Other:	For faster set times use Universal Accelerator



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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 and apply the entire kit at one time. 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

Last Patch™ Gel has a mix ratio 1:1 by volume. Product can then be tinted (do not exceed 5% by weight polyester colorant addition). Product can then have stone aggregate added. Apply with trowel or other implement into and over the area to be repaired.

Temperature Dependency

The adhesive substrate, aggregate, and environment's temperature will affect the working properties of the material. With all items at 70°F (21°C), the standard product set up in approximately 15-20 minutes. Grinding may be performed in several hours. Full cure 48 hours.

Shelf Life & Storage

Shelf life is printed on the product label. It is generally 6 months to one year from date of packaging. Store at room temperature, well above freezing, and at a relative humidity below 50%.

Limitations

Use on dry stone. Use on oil, grease, and coating-free stone.

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	313 psi	ASTM D-638
Compressive	3,385 psi	ASTM D-695
Flexural	Not available	Not available
<u>Modulus</u>		
Tensile	2,052 psi	ASTM D-638
Compressive	14,832 psi	ASTM D-638
Flexural	Not available	Not available
Elongation: Tensile: Elongation at break	14.90%	ASTM D-638
Shore D	Not available	Not available
Heat Distortion Temp	Not available	Not available
Shear Strength	Not available	Not available
24 Hour Water Absorption	Not available	Not available

Other UV Testing: QUV with Solar Eye. Cycles 4 hours condense @50°C, followed by 8 hours UV-A-340/0.8 intensity/60°C. Total 500 hours. Results: No change in yellow index 0.78.



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