



TECHNICAL DATA SHEET

FILE UNDER DIVISION 4

1. PRODUCT NAME

BONSTONE™
Last Patch Dymond™

2. MANUFACTURER

Bonstone Materials Corporation

3. PRODUCT DESCRIPTION

A two-component, clear uv-stable stone repair compound. User-friendly and forgiving mix ratio, fast and adjustable cure time, easily tintable.

Basic Uses:

- Stone patching, mending and bonding
- Travertine fill with or without aggregate
- Patching granite, marble, travertine, quartz, and other natural/synthetic stones

Limitations:

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

Color:

Clear product - use Touchstone tint for tinting

4. TECHNICAL DATA:

(see next page)

5. INSTALLATION

General Instructions

If using cartridges, additional usage directions are available. See our information sheet labeled "Cartridge use directions". See separate doweling,- laminating, and patching instructions for more specific instructions. CSI

format specifications are available.

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 material which can be used in 10 minutes (or less, if Accelerator is used). Avoid stressing repair area before complete cure of material. Mask areas which must be kept free of material. Clean tools of uncured material using toluene or xylene. Use caution, these solvents are flammable and ensure local ventilation. Remove cured material mechanically.

Mixing instructions:

All materials should be at or above 55°F. Combine the two ingredients at the following volume ratio: Equal parts of **Last Patch Dymond A** and **Last Patch Gel B**.

Temperature dependency:

Temperature will affect the working properties of the material. Every 15°F results in doubling the speed of cure. Therefore, at 90°F set time is cut in half, at 60°F the set time is doubled. Do not use on substrate at a temperature below 50°F.

Cure Accleleration: If faster cure is desired, add Last Patch Accelerator—adding 5 drops per mixed ounce of material is a good starting point.

Coverage: Approximately 30 square feet per gallon when applied at 50 mils (1/16th of an inch). 231 cubic inches per gallon.

6. AVAILABILITY

Packaging and storage:

Bonstone Last Patch Dymond is available in 400-gram kits, and quart kits.

** If Touchstone Last Patch Part B container is left unsealed, the material may react with the moisture in the air and cause gelation of the material. Always keep all containers tightly sealed after use!!

7. WARRANTY

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

8. MAINTENANCE

Designed for application in areas inaccessible to maintenance procedures

9. TECHNICAL SERVICE

Specification Service

- specs for various applications
- spec writing dept. for unique applications

4. **TECHNICAL DATA**

BONSTONE™ Last Patch Dymond™

Mixed Properties

Values

Mix Ratio: 1 part A to 1 part B by volume

Pot Life at 75°F: 5-10 minutes

Cured Properties

Initial set time at 75°F: 10-20 minutes

Full cure time at 75°F: within 24 hours

With Accelerator added (5 drops per 1 ounce of mixed Last Patch Dymond):

Gel time at 75 F: 4 minutes

Initial Set Time at 75 F: 8-12 minutes