

TECHNICAL DATA SHEET

FILE UNDER DIVISION 4

1. PRODUCT NAME

GRIPSTONE POLYESTER

2. MANUFACTURER

Bonstone Materials Corporation

3. PRODUCT DESCRIPTION

A catalyzed *interior* grade patching compound. A Peroxide cure unsaturated polyester.

(Family Includes **200, 220, 230, 275-X, 290, and L-200**)

Basic Uses:

- Stone patching and cavity filling
- **Can be polished**
- Thick paste- ideal for adding additional stone dust when a knifegrade product is needed

Limitations:

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

Colors; Viscosities

Six stock colors. L-200 is clear and flowing. Knifegrade viscosity available at additional cost.

4. TECHNICAL DATA:

(see next page)

5. INSTALLATION

General Instructions

Surface Preparation & Use:

Use gloves, wear eye protection, and avoid skin contact. When grinding cured patches or non-structural joints, wear a dust mask. Substrates must be completely dry and dust-free. Mix only the amount of Gripstone which can be used in 10 minutes. Avoid stressing joint before complete cure of Gripstone. Mask areas which must be kept free of Gripstone. Clean tools with toluene or xylene. (Use caution, these solvents are flammable. Ensure local ventilation.)

Mixing instructions:

All materials should be at or above 45°F. Combine the two ingredients at the following weight ratio: two parts hardener to 98 parts Gripstone. Mix thoroughly. Prepare only as much material as can be immediately used.

Temperature dependency:

Temperature will affect the working properties of the material. Approximately 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.

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:

Gripstone is available in quarts - and gallons. Gripstone has a shelf life of six months at 70°F in unopened containers. Under no circumstances should the hardener be allowed to get above 100°F.

7. WARRANTY

This 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 interior application in areas inaccessible to maintenance procedures.

9. TECHNICAL SERVICE

Lab Service

- spectrophotometric color matching

Specification Service

- specifications for various applications
- specification writing dept. for unique application

4. **TECHNICAL DATA** BONSTONE™ GRIPSTONE

Mixed Properties

Values

Mix Ratio: 98 parts Gripstone to 2 parts hardener by weight

Mixed viscosity at 75°F

Creamy paste

exceptions:

-L-200 is a flowing liquid

-KG versions are knifegrade

Pot Life at 75°F:

10 minutes

Cured Properties

Values

(Cured 7 days at 75°F)

Initial set time at 75°F:

15 to 20 minutes

Tensile Strength:

2,279 psi ASTM D-638

Tensile Modulus:

643,968 psi ASTM D-638

Tensile Elongation at Break:

0.4 % ASTM D-638

Compressive Strength:

11,788 psi ASTM D-695

Compressive Modulus:

162,941 psi ASTM D-695