

Repairs – Re-attaching Stone



1 Before application



2 Applying epoxy to broken piece



3 Reattaching stone with Extreme™ epoxy



4 After grinding off excess surface epoxy

Dutchman Repairs



1 Applying Extreme™ epoxy



2 Positioning marble epoxy



1 Applying epoxy



2 Positioning limestone

BONSTONE

• PRODUCTS •

Strength · Durability · Quality

Bonstone Materials Corporation has been manufacturing epoxy adhesives for stone projects for nearly 50 years.

Applications include
Masonry · Concrete · Restoration
Fabrication · Anchoring
Patching and Repair

Manufactured by

bonstone®

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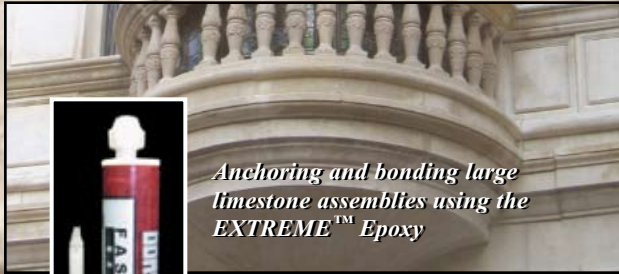
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Fast Set EXTREME™

This structural epoxy is ideal for job-site anchoring and repairs. When using **EXTREME™** epoxy, your assembly is about 90% cured within an hour. This system is non-sag and the buff limestone color allows for tight seamless bonded joints. Available in 250ml & 600ml cartridges, gallons and 5 gallon pails.



Anchoring and bonding large limestone assemblies using the **EXTREME™** Epoxy



Last Patch™ Limestone

- Repairing chips & spalls
- Recommended by limestone fabricators
- UV stable
- Crack repair in limestone
- No shrinkage & holds up through freeze-thaw
- Standard buff color
- Fast set up times



1 Before application



2 Applied Last Patch™ Limestone



3 After grinding flush

Last Patch™ Gel / Patching granite and marble



- UV-stable
- Durable aesthetic repair
- Repairing cracks
- Patching voids and small spalls
- Reduce scaffold time
- Patching face pins
- Flamed and honed to polished surfaces

Historic Restoration Mortar (HRM)

Historic Restoration Mortar (HRM), is a lime-based, latex-modified, cementitious-type product designed for surface patching and restoration of historic stone, cement, plaster, mortar, and similar type materials. Unique attributes of HRM include:

- Breathability and low strength ensure that HRM will not contribute to further substrate degradation
- Cost-effective – lower cost than Last Patch

Available in neutral and buff. Custom color matching available.



1 Before application



2 Applied HRM



3 After grinding flush

Clear Gel Epoxy

Clear Gel is a versatile product used for a variety of applications.

- Re-attaching, mending, repairing and bonding stone
- Anchor bolt adhesive
- Vertical spot bonding or pinning
- Medium set time



Crack injection gel system

Duropoxi™

- Structural bonding epoxy
- Spot bonding or full trowel
- Exterior & interior
- Tan color
- Bonding stone to concrete, wood and cement board



Product Data Chart

Product Name	Color	Consistency	Mix ratio	Set-up time	Exterior	Interior	Horizontal applications	Vertical applications	Limestone / Travertine	Granite/ Marble	Patching	600ml cartridges	450ml cartridges	250ml cartridges	Quarts / or gallons	5 gallon pails
Fast Set™ 41	Buff	Flowing paste	1 : 1	15 min	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Fast Set™ Extreme	Buff	Non-sag	1 : 1	15 min	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Match™ Epoxy	Buff	Thick paste	2 : 1	2 hr	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Anchor™ Epoxy	Buff	Flowing paste	1 : 1	8 hr	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Clear Gel Epoxy	Clear	Knife Grade	2 : 1	2 hr	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Duropoxi™	Beige	Knife Grade	1 : 1	6 hr	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Last Patch Gel™	Clear	Knife Grade	1 : 1	15 min*	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Last Patch Limestone™	Buff	Knife Grade	7 : 1	15 min*	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HRM	Buff	Slurry to Knifegrade		2 hr	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

For set times and full cure times under various temperatures, refer to product data sheets

* When used with accelerator/Without accelerator: 45 minutes

Note: When bonding limestone with aesthetic joints, use colored epoxy. Also tinting is recommended when patching with Last Patch Gel for porous stone.