Last Patch™ Dymond

Exterior Grade, Modified Polyurethane Stone Repair Compound

Last Patch™ Dymond is an exterior grade, UV stable stone repair compound for granite, marble, travertine and any other highly polished natural stone surface. It offers a very fast (and adjustable) cure speed, excellent clarity, non-shrinkage, and extremely rapid hardness development, which make it ideal for harder, glossier stones such as granite. Plus, Last Patch™ Dymond provides exceptional resistance to sunlight, which sets it apart from all other products on the market.

Product Information

- Mix ratio: 1:1, Set time: 10-20 min at 75 degrees
- Adjustable cure speed w/**Universal Accelerator**
- Knife-grade
- Color clear, UV color stable
- Indoor/outdoor use
- Will not stain white or light stones
- Non-shrinking
- Polishable when fully cured
- Very fast setting
- Exceptional strength and durability
- Will cure at below freezing temperatures with **Universal Accelerator**
- Color matchable

Available In

- 2 oz Kit (1 oz A / 1 oz B)
- Pint (1 Pt A / 3 5oz Tubes B)
- Quart Kit (1 Qt A / 6 5oz Tubes B)

Applications

- Aesthetic patches and repairs on fine grained stones
- Patching face pins on stone panels
- Crack repair from hairline to ¼ inch
- Surface patching to “Dutchman Joints”
- Monument repairs
- Building facade repairs, chips, spalls and sign hold repairs
- Floor and tile restoration
- Crack repair in stone panels and sills
- Patching exterior pavers and steps

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TECHNICAL DATA SHEET

FILE UNDER DIV. 4

Last Patch™ Dymond

Product Description

A kit packaged exterior grade stone repair compound. Designed for addition of stone aggregate, overfill of patch area, and grinding flush. This product exhibits far superior color stability and gloss retention when compared to epoxy and polyester patching materials.

Mixed Properties	*Values*
Mix ratio	1:1 mix ratio, 2oz. kits Metal containers 1:1 mix ratio (pint & quart cases)
Mixed viscosity at 75°F	Knife grade
Pot life at 75°F	2 minutes - .
Set time at 75°F	45 minutes - Standard version
Set time at 75°F w/Accelerator	15 minutes
Dry grind	2 hours
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 of 500 hours Results: * No change in yellow index * ΔE= 0.78

Mixed Properties		*Test Methods*
Strengths		
Cohesive		
Tensile	900 psi	ASTM D-638
Compressive	3,910 psi	ASTM D-695
Adhesive		
(on academy black granite) Tensile	528.6 psi	ASTM C-321
Shear	1,147 psi	ASTM D-905
Moduli		
Cohesive		
Tensile	10,648 psi	ASTM D-638
Compressive	15,935 psi	ASTM D-695
Elongation		
Cohesive		
Tensile *(at break)*	10.86%	ASTM D-638

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