



Fast / 100% Solid / No Odor / Decorative Concrete Repair Polymer Spalls / Cracks & Joint Repair / Resurface Deteriorated Concrete Surface

PRODUCT DESCRIPTION

CAM-O-PATCH is quick reacting formulated ultra-low viscosity polymers for high strength/tough concrete repair. The low viscosity polymer is quickly absorbed (Self-Priming) into the concrete, creating an interlocking bond and a **high strength, tough, long lasting rapid repair.**

PRODUCT USES

CAM-O-PATCH is non-pigmented to allow adding dry or liquid pigment to match the concrete color. Selected aggregates can be added to make a repair mortar for large spalls, cracks, and joint reconstruction. The polymer can be used neat or with fine aggregate as a grout to re-resurface concrete floors that are rough, pitted and have fine/small cracks.

APPLICATIONS

- ❖ REBUILDING FLOOR JOINTS EDGE
- ❖ SHALLOW & DEEP SPALLS
- ❖ POP-OUTS/BOLT HOLES
- ❖ REBOUNDING DELAMINATED FLOORS
- ❖ GRADE MATCHING
- ❖ FREEZER REPAIR
- ❖ SMALL & LARGE CRACKS
- ❖ GROUT COAT FOR RESURFACING

ADVANTAGES

- VERY HIGH IMPACT RESISTANCE
- WITH STAND HEAVY FLOOR GRINDING
- APPLIED IN MINUS TEMPERATURES
- NON-BRITTLE, NOT LIKE EPOXY
- CAN BE FEATHEREDGED
- SAVES MAN HOURS, SAVES DOWN-TIME
- HIGHLY FUEL & CHEMICAL RESISTANCE
- LONG TERM DURABILITY
- MEETS USDA REQUIREMENTS
- PROVIDES SMOOTH WORKING SURFACE FOR FORK LIFTS

GENERAL PHYSICAL CHARACTERISTICS

Solids	100%	Mix Ratio	1:1
Shelf Life	1 year	Elongation ASTM D124	7%
Hardness ASTM D2240	Shore D 70	Viscosity	<10
Compressive w/ aggregate	5000+ PSI	Temperature Range	-30 F to 120 F
Tensile ASTM D412	4480, filled	VOC mixed	0.0 g/l
Bond ASTM	1900 PSI		

PREPARATION

ALL SURFACES MUST BE CLEAN AND DRY. Cracks, damaged joints and spalls should be free of dirt, oils, dust, latent and loose materials. Shot-blast or grind the concrete surface before applying a grout coat. Square cutting of the repair area is optional.

APPLICATION

Spalls, Cracks & Joint Repair Mortar

2 parts liquid (1 A & 1 B) can be added to 2 to 4 parts sand. The amount of sand depends on the grit size (Fine less) (Coarse more). For deep repair, up to 2 parts pea gravel can be added. When making a mortar, keep it fluid and wet (not dry/stiff) so it is self-priming. You can always sprinkle sand over the repair if it puddles.

ROUGH, PITTED & FINE/SMALL SURFACE GROUT

2 parts liquid (1 A & 1 B) neat or with approx. 2 parts fines

BASIC MIXING TOOLS

1. Several medium size mixing bucket
2. Several measuring cups
3. Margin trowel
4. Steel Edge Scraper

EXTRA MATERIALS (NOT SUPPLIED)

1. Several grit sizes of sand & aggregate for matching concrete aggregate
2. Color pigment, dry or liquid for matching concrete color

MIXING (Start with small batches)

"Repair Mortar"

1. Measure and pour 2 parts sand into mixing bucket and hold 1 to 2 part to be added once liquid is in. Add more sand if wet. Note: When using dry color pigment, it will need to be mixed in with the sand before starting measurements.
2. Measure 1 part A and 1 part B separately.
3. Pour B first into bucket with sand, mix a little, then add A.
4. Mix with margin trowel; add more sand if needed.

Decorative Concrete Repair Polymer

5. Mix quickly to wet all the sand for approx. 1 minute
6. Place in repair.

"Surface Grout"

1. Measure out 1 part A and 1 part B separately. If neat, go to step 3
2. If using fine aggregates, place about 2 parts into mixing pail. (Adjust grout as needed.)
3. Pour B first, mix with fines, then add A into mixing pail. (Note a squeeze bottle with spout can be used.)
4. Mix with margin trowel for about 30 seconds and pour onto floor and spread.

RECOMMENDATIONS

1. Be sure aggregate is dry. Moisture will cause repair to swell or bubble.
2. For deep repairs fill in layers. Sprinkle sand to refusal over mortar between layers so surface inside the repair is not wet. Once reacted and hard, continue with the repair.
3. Allow to cure for about 30 minutes before grinding/polishing surface.
4. Patch any large/deep spalls & cracks first before doing a surface grout.

COVERAGE

"Repair Mortar" 1 gallon of **Liquid** & 2 gallon of aggregate makes approx. 508 in.³ of Mortar.
1 gallon of **Liquid** and 3 gallon of sand makes approx. 640 in.³ of Mortar. Adding pea grave will increase yield

"Surface Grout" 1 gallon of **Liquid Neat** at 10 mils will cover approx. 160 ft.², and at 20 mils will cover approx. 80 ft.².

1 gallon of **Liquid w/ Fines** at 10mils will cover approx. 240 ft.², and at 20mils will cover approx. 120 ft.². (Coverage can be greatly affected by surface texture.)

TECHNICAL SERVICES

Contact for questions on mixing, applications, & estimating

PACKAGING

CAM-O-PATCH is available in 1 Gal. Kit, 2 Gal. Kit, and 10 Gal. Kit. Cartridges are available per request.

SAFETY

This product is for professional applicators only. Wear protective clothing. Read SDS before using this product. DOT/Flash Point: Non-flammable. Liquid not regulated

WARRANTY

Solid Solution Products, Inc. will refund the price of or replace, at its election, product it finds to be defective provided the product has been used properly. Except as expressly stated above, the company makes no warranty of merchantability and no warranty of fitness for any particular purpose, nor does it make any warranty, expressed or implied, of any nature whatsoever with respect to the product or its use. In no event shall the company be liable for delay caused by defects, for loss of use, for indirect, special or consequential damages, or for any charges or expenses of any nature incurred without its written consent.