

# CAMO PATCH TECHNICAL DATA

## Decorative & Industrial Concrete Repair Polymer Resurface Deteriorated Concrete Surface

### PRODUCT DESCRIPTION

**CAMO 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

**CAMO PATCH** is naturally amber in color, and can be extended with iron oxide power or liquid pigment to match color of repaired slab. Selected aggregates can be added to make a repair mortar for large spalls, cracks, and joint reconstruction. Camo Patch can be used as a grout coat to re-resurface concrete floors that are rough, pitted and have fine 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	Gel time @ 77°F	5-7 min

### 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**

1 part liquid (1 A & 1 B) can be extended with up to 2 parts aggregate. Use **Patch Crete Pure** or local aggregate to mimic concrete. The amount of aggregate 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 COAT:** Use neat.

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

## Decorative Concrete Repair Polymer

### Mixing 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.

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### 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.<sup>3</sup> of Mortar.

1 gallon of **Liquid** and 3 gallon of sand makes approx. 640 in.<sup>3</sup> of Mortar. Adding pea grave will increase yield

“**Surface Grout**” 1 gallon of **Liquid Neat** at .5 mil will cover approx. 1400 ft.<sup>2</sup>.

### TECHNICAL SERVICES

Contact for questions on mixing, applications, & estimating

### PACKAGING

**CAMO 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