

SOLID SOLUTION PRODUCTS, INC.



PATCH CRETE PURE TECHNICAL DATA

PREVIOUSLY NAMED HYDROKRETE

Special cement blend fine aggregate for decorative concrete repair.

PRODUCT DESCRIPTION

Patch Crete Pure is a special non-shrink cement blend for grouting or patching to aesthetically match existing decorative and polished concrete floors. Mix with SSP Patching Polymers to mimic concrete.

PRODUCT USES

Patch Crete Pure is used in conjunction with polymers to make a slurry for grouting pitted concrete surfaces. Selected aggregate can be mixed with **Patch Crete Pure** than with a polymer for patching concrete spalls.

APPLICATIONS

- | | |
|--------------------------------|------------------------|
| ❖ REBUILDING FLOOR JOINTS EDGE | ❖ GRADE MATCHING |
| ❖ SHALLOW & DEEP SPALLS | ❖ COLOR MATCHING |
| ❖ POP-OUTS/BOLT HOLES | ❖ SMALL & LARGE CRACKS |
| ❖ GROUT COAT RESURFACE | |

ADVANTAGES

A VIRTUALLY INVISIBLE REPAIR
ACCEPTS DYES & DENSIFIES WITH REACTIVE SILICATES
NON-BRITTLE, NOT LIKE EPOXY
CAN BE FEATHEREDGED & DOES NOT SHRINK OR CRACK
HIGHLY FUEL & CHEMICAL RESISTANCE
MEETS USDA REQUIREMENTS

PROPERTIES

TENSILE STRENGTH - 3,600 PSI
IMPACT RESISTANCE - EXCELLENT
ABRASION RESISTANCE - MOHS SCALE OF HARDNESS 6+
COMPRESSIVE STRENGTH (WITH AGGREGATE AND POLYMER) - 6200 + PSI
BOND STRENGTH - 535 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. Grind the concrete surface before applying a grout coat. Square cutting of the repair area is optional.

APPLICATION

Spalls, Cracks & Joint Repair Mortar

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www.ssppolymers.com

First make dry mix, 1 part **Patch Crete Pure** to 2 to 3 parts selected aggregate. Place 2 parts of dry mix into mixing container, add 1 part B of polymer mix to wet out dry mix than add 1 part A of polymer. Mix for about 1 minute. Additional dry mix can be added. 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. Place mixer into repair.

ROUGH, PITTED & FINE / SMALL SURFACE GROUT

Add 0.5 to 1 part **Patch Crete Pure** to 1 part polymer depending on surface profile. Trowel tightly over surface.

BASIC MIXING TOOLS

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

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

RECOMMENDATIONS

1. Be sure aggregate is dry.
2. Allow to cure for about 30 minutes before grinding/polishing surface.
3. Patch any large/deep spalls & cracks first before doing a surface grout.
4. Perform Much-up or Sample for matching concrete finish.

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 gravel will increase yield.

"Surface pin hole Grout" 1 gallon of Patch Crete Pure will fill pin holes on approximately 1000 square feet.

TECHNICAL SERVICES

Contact for questions on mixing, applications, & estimating

PACKAGING

Patch Crete Pure is available in 25-pound box or 50-pound pail. Colors, White, Medium Gray, Dark Gray.

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.

INSTRUCTIONS SURFACE PIN HOLE GROUT

Used polish resin tooling, or a grout plate is used to mix and install. If you are wet cutting off, you must wait for an overnight cure. Typically cut off with a #100 hybrid diamond tool on the grinder. It is mixed with 20% latex polymer (Recommended by SSP Polymers) 80% water right on the floor.

- 1.** Wet clean concrete surface after #100 hybrid tooling cut and let visibly dry.
- 2.** Spread (broadcast) dry powder at approximately 1000 square feet per gallon over floor.
- 3.** Mix and apply directly to floor using a machine with used tooling or grout plate, spray to wet using polymer/water mixture and tool in with machine.
- 4.** Allow to visibly dry (about 30 minutes) and spray densifier to only dampen the dry installed grout.
- 5.** Wait one hour past the densifier being visibly dry and cut excess grout off using #100 hybrid tooling. Allow to dry overnight if wet cutting.