



Medium-Fast / 100% Solid / Low Odor / Concrete Repair Polymer  
Resurface Deteriorated Concrete Surface

**PRODUCT DESCRIPTION**

**SSP-Grout** is specially formulated to be medium-fast reacting ultra-low viscosity polymers for high strength/tough concrete repair. When you need more working time or when temperature is hot, especially for applying a grout coat over rough or pitted concrete surface **SSP-Grout** give you that little extra work time. 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**

**SSP-Grout** 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 small spalls and hairline cracks. The polymer can be used neat or with fine aggregate as a grout to re-resurface concrete floors that are rough, pitted and have hairline cracks.

**APPLICATIONS**

- ❖ GROUT COAT FOR RESURFACING
- ❖ FINE & SMALL CRACKS
- ❖ SHALLOW SPALLS

**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**

- Mix Ratio by Volume..... 1A:1B
- Hardness, ASTM D-2240 .....66-72 Shore D
- Density, ASTM D-1622.....67 Lbs/ft
- Elongation, ASTM D-2379 ..... 15-25%
- Tensile Strength, ASTM D-2370 ..... 5000-6000 psi
- Gel Time at 70°F (21.1°C).....360-480 seconds

- Total Solids by Weight, ASTM D-2369 ..... 100%
- Total Solids by Volume, ASTM D-2697 ..... 100%

**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. Repair large & deep spalls and cracks with Cam-O-Patch or SSP-500 first.

**APPLICATION**

**ROUGH, PITTED & FINE/SMALL CRACKS**

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)**

**"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 1 to 2 parts into mixing pail. (Adjust grout as needed.)
3. Pour B first, mix with fines, then add A into mixing pail. (A squeeze bottle with spout can be used.)
4. Mix with margin trowel for about 30 seconds and pour onto floor and spread.



## Concrete Repair Polymer

### **RECOMMENDATIONS**

1. Be sure aggregate is dry. Moisture will cause repair to swell or bubble.
2. For deep repairs use Cam-O-Patch or SSP-500.
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 10 mils will cover approx. 160 ft.<sup>2</sup>, and at 20 mils will cover approx. 80 ft.<sup>2</sup>.

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

### **TECHNICAL SERVICES**

Contact for questions on mixing, applications, & estimating

### **PACKAGING**

**SSP-Grout** 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.