

15 Minute - Fast-Set, Deep Penetrating Concrete Mender

Fast Set Solutions
Allentown, PA

phone: 610-336-9191
fax: 610-336-9447
email: info@fastset solutions

www.FastSetSolutions.com

Product Description:

SSP RapidRepair is a rapid set two-component polymer for concrete repair. The viscosity is 1 centipoise - similar to water. This allows thorough wetting of sand filler and deep penetration into concrete capillaries forming a high-strength, well-anchored concrete repair.

Uses:

SSP RapidRepair, combined with selected aggregate is used for patching spalls & reconstructing damaged joints and cracks in concrete. Use neat for hairline (spider) cracks and small spalls or nail holes. SSP200 may also be used as an anchoring mortar.

Installation:

Preparation: ALL SURFACES MUST BE CLEAN AND DRY. Cracks & spalls should be free of dirt, oils, dust, latents and loose materials. A dry diamond blade or twisted wire wheel attached to an electric hand grinder is recommended for preparing cracks and creating a clean surface for bonding spalls back to sound concrete with a chisel, light chipper. Square cutting of the repair area is not necessary.

Cure:

The temperature of the material and the concrete surfaces will affect cure time. Keep material at room temperature (60° to 70° F) prior to application. Warmer temperatures will decrease and colder temperatures will increase cure times.

SSP RapidRepair

Product Data Sheet

Super Glue for concrete!

Application: Assemble cartridge according to instructions. Remember to attach the flow restrictor. Holding the application gun upward, place cartridge set into gun. Slowly squeeze trigger to bleed-off air and start material flow into static mixer. Direct mixer into waste container and squeeze trigger to start mixing process. DO NOT POINT MIXER UPWARD AFTER MATERIAL IS FLOWING. This may cause material to flow back into the tubes and cause clogging. Pre-wet repair area with SSP-200 without sand. Fill with 30 - 40 grit kiln dried sand and grade with a straight edge screed. Be sure to saturate all of the sand completely. Additional sand may be added to the repair as necessary. Saturated sand may be moved into place with a margin trowel or scraper. Work with one small section at a time. Do not stop flow of material for more than 90 seconds. If material sets inside mixer, remove cartridge from gun and replace mixer. Fill all repair areas to grade. When material cures (turns gray), repair may be smoothed by sanding or buffing with a diamond pad or grinder.

Color & Packaging :

Color - medium gray.
Packaged in 300 ml cartridges.

Coverage:

One 21 oz. cartridge with sand yields approximately 122 cubic inches.

Physical Properties:

| | |
|---------------------------------|------------------------|
| Color: | Concrete Gray |
| Solids content | 98% |
| V.O.C (mixed) | 5.5 g/l |
| Viscosity(cps.) | |
| A Side | 1.108 |
| B Side | 0.847 |
| Hardness Shore D - ASTM D224 | 74 |
| Compressive Strength (w/ sand): | |
| 2 Hour | > 3900 psi |
| 7 Days | > 5000 psi |
| Tensile Strength -ASTM D412 | > 4000 psi |
| Elongation - ASTM D412 | < 7 % |
| Bond Strength - ASTM 882-99 | > 1500 psi |
| Exudation | None |
| Shrinkage | None |
| Cure Times: | |
| | 12 min @ 70 degrees F |
| | 45 min @ 20 degrees F |
| | 3-5 min @ 90 degrees F |

Advantages:

- Outlasts All Other Concrete Repair Products
- Easy Application & Fast Set
- Minimal Prep & Down Time
- Perform Feather Edge Repairs
- No Square Cutting Needed
- Can be Applied Down To -20° F
- Meets USDA Requirements
- Excellent Abrasion Resistance
- High Impact Resistance
- Good Chemical Resistance

Safety:

This product is for use by professional applicators only. Wear protective clothing. Read MSDS before using this product.

DOT/Flash Point: Nonflammable

Liquid Classification: Not regulated.

Cleanup: Acetone

Warranty:

Solid Solution Products, Inc., at it's election, will refund the price of, or replace 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 prior written consent.

Product Information, Sales &Support:

conmat, inc.

Construction Materials Company

www.conmatinc.com

Phone: 610-336-9191

Fax: 610-336-9447

Email: frb@conmatinc.com