

SuperStone Crack Repair Technical Data

USE

SuperStone Crack repair polymer and powder when mixed, may be used with or without fabric as a concrete patch or can be used as a flexible waterproof coating for above or below grade cementitious surfaces such as concrete, masonry, stucco foundations, block or DBS walls and many forms of decorative architectural concrete structures.

NOTE: SuperStone Crack Repair & Waterproofing mix should not be used on swimming pools, cement tanks or roofs where it will stay in contact with ponding water for extended periods of time.

SURFACE PREPARATION

All surfaces should be clean. Remove any spalling, loose or deteriorated cementitious surfaces. Use a high pressure water cleaner or sandblast (2500 PSI). Surface must be firm, free of dust, dirt, oil, debris or moisture.

MIXING INSTRUCTIONS

SuperStone Polymer/Powder is best mixed in temperatures above 70°F and below 90°F. The ratio of polymer to powder is 1 to 1. MIX ONLY THE AMOUNT NEEDED. Place the desired amount of polymer/powder in a clean container and mix with a portable mixer with appropriate size blade. Mix for approximately 5 minutes until all lumps have been broken up. The pot life is approx. 30-90 minutes based upon location, temperature and humidity.

APPLICATION

Step 1:

Crack must be clean and dry. Open fine cracks with a saw blade. Mix only enough epoxy for crack size. Mix 3 parts A to 1 part B of epoxy in a separate clean container. Stir for 3-5 minutes. Paint the crack with epoxy mixture. In the remainder of MIXED epoxy, stir in enough sand to form a paste-like yet still pourable consistency. Pour in crack and use a putty knife to push mixture into the crack and smooth. Sprinkle with dry sand. Allow to dry until no longer tacky. Broom off any excess sand.

Step 2:

Now mix the Polymer and Powder according to MIXING INSTRUCTIONS. For best results, apply 1/16 inch of SuperStone Crack Repair over prepared crack. As you are applying the Polymer/Powder mixture with a trowel, roll out the fabric mesh and force into the mixture to cover the mesh. Smooth and feather. Allow to dry COMPLETELY before applying top finish coat (approximately 4-24 hours dependent upon location, temperature and humidity). DO NOT apply when temperatures are below 45°F or above 95°F. Never add water to the Repair mixture.

CLEAN UP

Clean all equipment with water immediately after use. If allowed to dry, mechanical cleaning is necessary.

SAFETY AND HEALTH

The polymer portion is a water-based product. Wash hands prior to eating and immediately after each days application of the mix. The powder should not inhaled before and during and mixing as it contains portland cement. Use adequate ventilation. Use an approved dust respirator, goggles and gloves per NIOSH/MSA standards. For emergencies contact: Chemtrec, 1-800-424-9300.

FIRST AID

For skin contact, wash areas thoroughly with soap and water. For eye contact, flush eyes immediately with clean water for at least ten minutes and contact a physician. If the powder is inhaled and there are breathing problems, remove the person to fresh air and contact a physician.

SPILLS AND DISPOSAL

Dispose unused material and emptied containers in accordance with local, state federal regulations. Spilled material should be collected in a metal or plastic container. The area can then be washed with water.

WARNING

Keep containers closed when not in use. Keep out of the reach of children. Not for internal consumption. For industrial use only. Consult our label and MSDS for further health and safety information.

COVERAGE AND VOLUME

25 pounds of SuperStone Polymer and 25 pounds of SuperStone Repair gives a 4 gallon yield.

Coverage as follows:

1/16 inch applied thickness yields 25 sq. ft. per gallon

1/8 inch applied thickness yields 12 sq. ft. per gallon

1/4 inch applied thickness yields 6 sq. ft. per gallon

1/2 inch applied thickness yields 3 sq. ft. per gallon

STORAGE

Store containers in a dry place, between 50°F and 90°F. KEEP FROM FREEZING.

NOTICE TO PURCHASER

Manufacturer's only obligation shall be to replace such quantities of the product proved to be defective. User shall determine the suitability of the product for their intended use and assume all risk and liability in connection thereof.