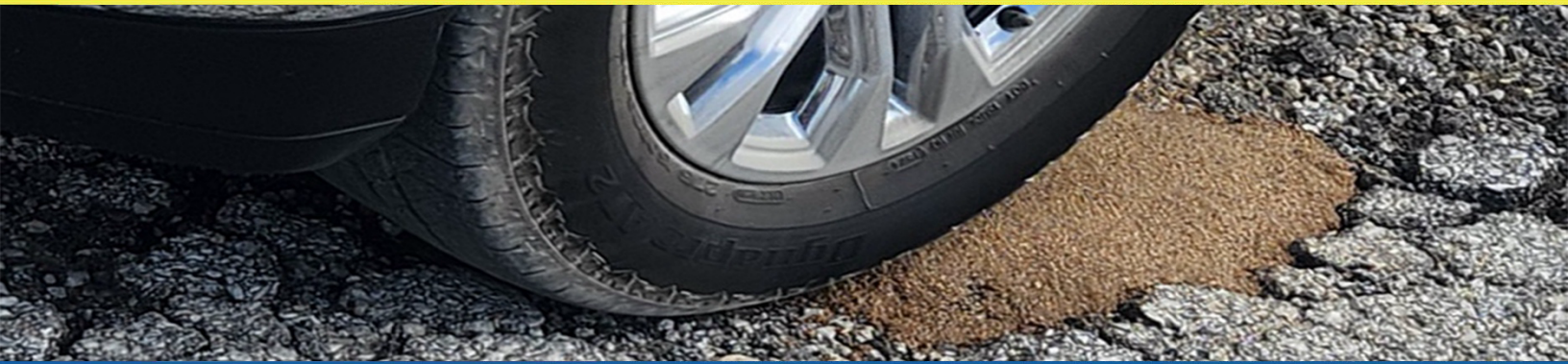




# FasTrac CE 9-1-1 Patch

15-MINUTE PATCH & REPAIR



## Technical Data Sheet

### PRODUCT DESCRIPTION

FasTrac CE 9-1-1 Patch is a three component, fast turnaround polymer repair material for rapid repair of spalls and cracks in concrete pavements, bridge decks and general concrete structures in normal and cold conditions. FasTrac CE 9-1-1 Patch is an ultra-low viscosity liquids system used with supplied aggregate for rapid open to traffic repair mortar applications. Ideal for cold weather repairs down to -25°F (-31°C), FasTrac CE911 Patch provides an excellent long-term solution for emergency or extreme conditions.

### APPLICATIONS

- Concrete Spall Repairs
- Cold Weather Repairs
- Fast Turnaround Repairs

### FEATURES

- Ultra Low Viscosity Liquids
- Excellent Impact Resistance
- High Bond Strength
- 1:1 Cartridge or ½ Gallon Units

### PREPARATION

Minimum substrate temperature is -25°F (-31°C). Concrete should be structurally sound and completely dry. Blow out substrates with oil free compressed air to ensure clean and dry surfaces. External heating of repair surfaces may be required in cold applications to sufficiently remove moisture.

**Spall Repairs:** Remove all unsound concrete. Mechanically prepare surfaces to a CSP 5 (Concrete Surface Profile) or greater following ICRI Technical Guideline 310.2R Selecting and Specifying Concrete Surface Preparation for Sealers, Coatings, Polymer Overlays and Concrete Repairs. Sawcut repair edges to a minimum ¼ inch (6 mm). Blow out areas with oil-free compressed air. Ensure surfaces are completely dry prior to installation.

### MIXING

Combine Components A and B at a 1:1 ratio and mix for 20 seconds with drill and paddle. Do not whip air into liquids. Add Component C and continue mixing for 45 seconds or until all Component C is completely wetted. Use immediately after mixing.

### APPLICATION

Pour mixed material into void or repair area. Bring to level in repair areas and finish immediately where necessary. When mixed with Component C, working time is approximately 3-5 minutes AT 70°F (21°C).

### CURING

FasTrac CE 9-1-1 Patch is self-curing. Do not add solvents during cure. Protect from rain until minimal strengths and bond are achieved.

### CLEAN UP

All surfaces, tools and equipment may be cleaned with FasTrac Nutri-Clean, FasTrac Epoxy Cleaner or suitable solvent prior to material hardening.



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## STORAGE AND SHELF LIFE

Storage temperatures 50°F to 90°F (10°C to 32°C).  
6 months in original unopened container.

## TYPICAL PROPERTIES at 75° F (23.8° C)

TYPICAL PROPERTIES at 75° F (23.8° C)		
TEST METHOD		RESULTS
Application Temperature Range		-25°F to 95°F (-31°C to 35°C)
Viscosity		<10 cP
Mix Ratio		1:1
Gel Time (liquids)		4 Minutes
ASTM C1583 Bond Strength		>250 psi (1.7 MPa)
ASTM C882 Bond Strength		
	7 Days	2,300 psi (31 MPa)
ASTM D695 Compressive Strength		
	1 Hour	1,600 psi (11MPa)
	2 Hours	1,800 psi (12MPa)
	3 Hours	2,100 psi (15MPa)
	7 Days	4,500 psi (16 MPa)
ASTM D638 Tensile Strength		4,000 psi (28 MPa)
ASTM D2240 Shore D Hardness		70 - 80

## HEALTH AND SAFETY INFORMATION

Product contains epoxy resin and amines. Use proper PPE including eye protection, gloves and skin protection when using this product. Read SDS thoroughly before use. Prop 65: This product contains chemicals known by the state of California to cause cancer.

## LIMITED WARRANTY

LIMITED WARRANTY All information provided by Cornerstone Construction Material LLC (CCM) concerning CCM products, including but not limited to, any recommendations and advice relating to the application and use of CCM products, is given in good faith based on CCM's current experience and knowledge of its products when properly stored, handled, and applied under normal conditions in accordance with CCM's instructions. In practice, the differences in materials, substrates, storage and handling conditions, actual site conditions and other factors outside of CCM's control are such that CCM assumes no liability for the provision of such information, advice, recommendations, or instructions related to its products, nor shall any legal relationship be created by or arise from the provision of such information, advice, recommendations, or instructions related to its products. The user of the CCM product(s) must test the product(s) for suitability for the intended application and purpose before proceeding the full application of the product(s). CCM reserves the right to change the properties of its products without notice. All sales of CCM product(s) are subject to its current terms and conditions of sale. Prior to each use of any CCM product, the user must always read and follow the warnings and instructions on the product's most current Technical Data Sheet, product label and Safety Data Sheet which are available at [www.ccmaterial.com](http://www.ccmaterial.com). Nothing contained in any CCM materials relieves the user of the obligation to read and follow the warnings and instructions for each CCM product as set forth in the current Technical Data Sheet, product label and Safety Data Sheet prior to product use. CCM warrants this product for one year from the date of installation to be free from manufacturing defects and to meet the technical properties on the current Technical Data Sheet when used in accordance with the written instructions. User determines suitability of product for intended use and assumes all risks. The buyer's sole remedy shall be limited to the purchase price or replacement of product exclusive of labor or cost of labor. NO OTHER WARRANTIES EXPRESS OR IMPLIED SHALL APPLY INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. CCM SHALL NOT BE LIABLE UNDER ANY LEGAL THEORY FOR SPECIAL OR CONSEQUENTIAL DAMAGES. CCM SHALL NOT BE RESPONSIBLE FOR THE USE OF THIS PRODUCT IN A MANNER TO INFRINGE ON ANY PATENT OR ANY OTHER INTELLECTUAL PROPERTY RIGHTS HELD BY OTHERS.

Every reasonable effort is made to apply exacting standards both in the manufacture of "FasTrac CE 9-1-1 Patch" product and in the information which we issue concerning these products and their use. We warrant our products to be good quality and will replace or, at our election, refund the purchase price of any products proved defective. Satisfactory results depend not only on quality products, but also upon many factors beyond our control. Therefore, except for such replacement or refund, Cornerstone Construction Material LLC (CCM) makes no warranty or guarantee, express or implied, including warranties of fitness for a particular purpose or merchantability, respecting its products, and Cornerstone Construction Material LLC (CCM) shall have no other liability with respect thereto. Any claim regarding a product defect must be received in writing within one year of the date of shipment. No claim will be considered without such written notice or after the specified time interval. The User shall determine the suitability of the products for the intended use and assume all risks and liability in connection therewith. Any authorized change in the printed recommendations concerning the use of our products must bear the signature of the Cornerstone Construction Material LLC (CCM) technical manager.

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