



# FasTrac CE335 T Healer Sealer

ULTRA LOW VISCOSITY PENETRATING SEALER



## Technical Data Sheet

### PRODUCT DESCRIPTION

FasTrac CE335 T Healer Sealer is an ultra-low viscosity epoxy for sealing cracks in concrete and restoring structural integrity. FasTrac CE335 T Healer Sealer is moisture tolerant, 100% solids and meets the requirements of ASTM C 881 and AASHTO M235 Types I, II, IV and V Grade 1 Classes B and C.

### APPLICATIONS

- Bridge Decks
- Parking Structures
- Airport Runways
- Pavements
- Pretreatment for High Friction / Polymer Overlays

### FEATURES

- High Strength
- Ultra-Low Viscosity
- Dry or Damp Substrates
- Gravity Feed or Injection
- Excellent Adhesion

### SURFACE PREPARATION

Minimum substrate temperature is 500F (100C). Condition material to between 65°F and 85°F (18.3°C and 29.4°C). The substrate must be clean and sound – blow out cracks with oil free compressed air. Cracks must be free of standing water. All contact surfaces must be clean and sound – blow out cracks with oil free compressed air to remove dust and debris. Cracks must be free of standing water. For flood coat applications, shotblast or sandblast all contact surfaces to remove all loose, broken, or unsound material, as well as any bond-inhibiting contaminants. Concrete surfaces must be clean, dry, and free of standing water prior to product installation.

### MIXING

Proportion each component carefully into a clean pail at a 3:1 ratio (A:B by volume). Mix thoroughly for 2 to 3 minutes with a drill and paddle at low speed. Do not whip air into liquids during mixing. Use immediately after mixing.

### INSTALLATION

**For Flood Coat Applications:** Pour and spread CE335 T Healer Sealer uniformly with a squeegee or short nap roller, working material into cracks and voids. Allow material to fully penetrate. Continue adding epoxy as necessary to areas until rejection. Remove excess or overfill material with squeegee or roller before material becomes tacky. Where skid resistance or additional toppings will be applied, broadcast oven dried sand (16/30 mesh or similar) at a rate of 1.8 to 7.0 lbs. / square feet (0.11 to 0.43 kg. / square meter). Ensure all areas are uniformly covered with no wet spots remaining. Remove excess sand once cured and fully tack free.

**For Crack Injection Applications:** Gravity feed or inject cracks using appropriate equipment. Fill / inject cracks until rejection. Overfill cracks and allow material to fully cure. Grind off excess material after fully hardening.

### CLEAN UP

Clean tools and equipment immediately after last use. Tools and equipment may be cleaned with Fastrac Finishing Aid / Epoxy Cleaner.



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## COVERAGE AND YIELD

Approximately 100 - 200 sq. feet per gallon (as healer sealer).

## PACKAGING AND SHELF LIFE

Available in 4-gallon (15.1 liter) and 20-gallon (75.7 liter) units.

Shelf life 2 years from date of manufacture when stored under weatherproof conditions.

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

TEST METHOD	RESULTS
ASTM C2393 Viscosity	85 cps
Gel Time (60g mass)	70 minutes
Tack Free Time	5 to 7 hours
ASTM D638 Tensile Strength	7,500 psi (51.7 MPa)
ASTM D638 Tensile Elongation	5%
ASTM D695 Compressive Strength	10,500 psi (72.4 MPa)
ASTM D695 Compressive Modulus	250,000 psi (1,700 MPa)
ASTM D790 Flexural Strength	9,000 psi (62.0 MPa)
ASTM C882 Slant Shear Bond Strength	
	2-Day
	1,500 psi (10.3 MPa)
	14-Day
	2,100 psi (14.5 MPa)
ASTM D2566 Linear Shrinkage	0.02%
ASTM D648 Heat Deflection Temperature	122°F (50°C)
ASTM D570 Water Absorption	0.1%
ASTM D4541 Adhesion to Concrete	350 psi (100% substrate failure)

## HEALTH AND SAFETY INFORMATION

Product contains epoxy resin and amines. Wear proper PPE when using this product, including gloves, eye and skin protection and NIOSH / MSHA approved respirator or dust mask. 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 to 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 CE335T Healer Sealer" 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.