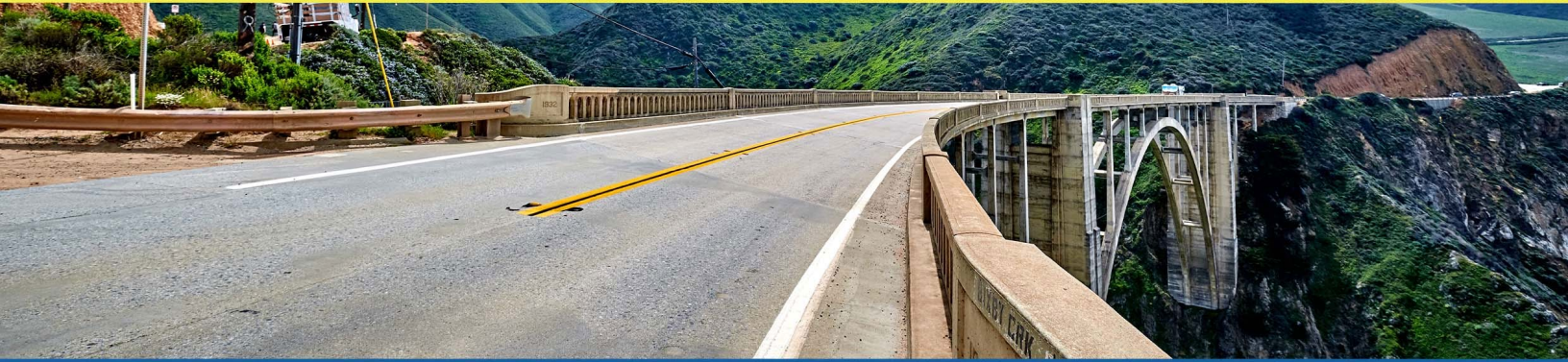




FasTrac CE550 SBA

SEGMENTAL BRIDGE ADHESIVE



Technical Data Sheet

PRODUCT DESCRIPTION

FasTrac Ce550 SBA is a two component, high modulus, moisture insensitive epoxy designed to bond and seal precast bridge segments. CE550 is available in three versions, including a low temperature, normal and high temperature formula. CE550 meets the requirements of ASM C 881 Types VI and VII.

APPLICATIONS

- Bonding Bridge Segments
- Sealing Bridge Segments
- Cold and Hot Weather Bonding

FEATURES

- Non-Sag
- High Modulus
- Moisture Insensitive

SURFACE PREPARATION

Concrete surfaces must be clean, sound, and free of all bond inhibiting contaminants. Dust, laitance, grease, curing compounds and coatings must be removed prior to application. Surfaces may be damp but the best performance is achieved when dry.

MIXING

Pre-condition Components A and B to between 65°F and 75°F (18.3°C and 23.8°C). Pre-mix Components A and B using drill and paddle. Pour all of Component B into pail containing Component A and mix for 3 minutes until a uniform gray color with no streaks is achieved. Do not whip air into components during mixing. Use immediately after mixing.

INSTALLATION

Apply to specified thickness using gloved hand, trowel, or similar tool. Typical thickness ranges from 1/8 inch to 1/16 inch. Work product into substrate to ensure full contact and wetting of surfaces. Bonding should be accomplished via application in both segments unless otherwise specified. Ensure joining and bonding occurs within the pot life of the epoxy.

CURING

Product is self-curing. Do not add solvents. Protect from freezing temperatures, rain and traffic until minimum strength requirements are achieved.

CLEAN UP

All surfaces, tools and equipment may be cleaned with FasTrac Finishing Aid or a solvent based cleaner prior to material setting.



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PACKAGING AND YIELD

3 gallon (11.34 liters) units. Coverage at an application thickness of 1/16 inch is approximately 26 square feet (2.4 square meters).

SHELF LIFE AND STORAGE

2 year shelf life when stored in dry, weatherproof conditions.

Storage temperatures 40°F to 95°F (4.4°C to 35°C).

TYPICAL PROPERTIES at 75° F (23.8° C)		
TEST METHOD	RESULTS	
ASTM C881 Consistency	¼ inch (6.0 mm) no sag	
ASTM C881 Gel Time	45 minutes	
Open Time (65°F, 85°F, 115°F LT, NT, HT formulas)	60 minutes	
ASTM C882 Contact Strength		
	1 Day	1,400 psi (9.7 MPa)
ASTM D695 Compressive Strength		
	1 Day	3,000 psi (20.7 MPa)
	2 Day	7,000 psi (48.3 MPa)
ASTM C882 Bond Strength		
	2 Day Moist	1,400 psi (9.7 MPa)
ASTM D648 Heat Deflection Temperature	140 °F (60 °C)	

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 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. 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 CE550" 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.

Revised: 2-28-2024_SR

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