



# FasTrac Fast Plug

HYDRAULIC CEMENT WATER STOP



## Technical Data Sheet

### PRODUCT DESCRIPTION

FasTrac Fast Plug is a one-component, rapid-setting, hydraulic cement mortar designed to instantly stop running water or seepage in concrete or masonry structures. FasTrac Fast Plug is a high strength mortar that permanently plugs non-moving joints and voids.

### APPLICATIONS

- Tunnels
- Marine Structures
- Water Tanks
- Dams

### FEATURES

- Very Rapid Set
- Sulfate Resistant
- Hand Applied
- Excellent Durability

### SURFACE PREPARATION

Substrate must be structurally sound. Cut or notch cracks, joints, or void to a minimum 3/4 inch in depth where possible. Remove all loose or unsound concrete. The substrate must be saturated surface dry (SSD) at the time of application.

### MIXING

Mix FasTrac Fast Plug with water to form a putty consistency. Mix a small amount by gloved hand or using drill and paddle. Typically, a 4:1 mix ratio will achieve desired results. Mix until a putty like, fully wetted consistency is achieved at approximately 30 to 45 seconds. Place immediately after mixing.

### INSTALLATION

Starting at one end of crack and working downward, firmly work FasTrac Fast Plug directly into prepared crack and maintain pressure until material hardens.

### CLEAN UP

Clean tools and equipment immediately with water after final use.



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## PACKAGING AND YIELD

50 lb. (22.7 kg.) pail yield s approximately 0.50 cubic feet (0.014 cubic meter).

## SHELF LIFE

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

TYPICAL PROPERTIES at 75° F (23.8° C)		
TEST METHOD	RESULTS	
Working time	100 cps	
ASTM C 191 Set Time		
	Initial	1,500 psi (10.3 MPa)
	Final	2,100 psi (14.5 MPa)
ASTM C 109 Compressive Strength		
	15 Min	1,000 psi (6.9 MPa)
	1 Hour	4,500 psi (31.0 MPa)
	1 Day	6,000 psi (41.4 MPa)
	28 Days	8,000 psi (55.2 MPa)

## HEALTH AND SAFETY INFORMATION

This product contains Portland cement, silica sand and respirable silica. Respirable silica is a suspected human carcinogen by NTP and IARC. Use proper PPE when working with this material, including eye protection, gloves and NIOSH / MSHA approved dust masks or respiratory protection as required to prevent inhalation and accidental ingestion. Read SDS thoroughly before use. Proposition 65 - This product contains material listed by the state of California as known to cause birth defects or other reproductive harm.

## LIMITED WARRANTY

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Every reasonable effort is made to apply exacting standards both in the manufacture of "FasTrac Fast Plug" 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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