

## FASTRAC ANCHORING CEMENT

### **DESCRIPTION**

FasTrac Anchoring Cement is a proprietary blend of high performance shrinkage compensated cements, aggregates and water reducing agents to meet the demanding requirements of the fence industry. FasTrac Anchoring Cement provides quick setting and high early compressive strength mortar. FasTrac Anchoring Cement can be mixed to a dry pack or a pourable, self leveling consistency. FasTrac Anchoring Cement will take approximately 5 minutes to setup completely. FasTrac Anchoring Cement can be used "neat" / full strength or as an admixture with pre-packaged concrete mix or added to Portland Cement and aggregate mix designs. When properly mixed with water, FasTrac Anchoring Cement will develop a non-shrinking controlled expansion designed to mechanically lock posts in place.

### **HOW TO APPLY**

#### **Surface Preparation** (See ICRI guidelines)

For repairs, perform surface preparation in accordance with ICRI Technical Guidelines. Concrete must be sound and fully cured (28 days). Remove all unsound concrete and roughen the surface for better bonding. Remove all oxidation and scale from the exposed reinforcing steel (if applicable) in accordance with ICRI Technical Guideline No. 03730 "Guide for Surface Preparation for the Repair of Deteriorated Concrete Resulting from Reinforcing Steel Corrosion." Remove all laitance, oil, grease, curing compounds, and other contaminants that could prevent adequate bond. The concrete substrate should be saturated surface dry (SSD), without standing water, before application. Apply the mixed material onto the prepared SSD substrate by trowel or screed.

#### **Reinforcing Steel**

Remove all oxidation and scale from the exposed reinforcing steel in accordance with ICRI Technical Guideline No. 03730 "Guide for Surface Preparation for the Repair of Deteriorated Concrete Resulting from Reinforcing Steel Corrosion."

#### **Mixing**

Mix no more than 1 gallon of water per 5-gal pail of FasTrac Anchoring Cement. Mix until smooth, avoiding a watery mix. Note: Excess water reduces strength and durability plus increases set time. Prepare only as much FasTrac Anchoring Cement as will be used in a couple of minutes.

#### **Set time** – min, at 72°F (22°C), ASTM C 266

Initial.....3-5 minutes  
Final.....5-8 minutes

#### **Compressive strength** – 2"x2" cubes, ASTM C109

15 minutes.....1,000 psi (6.9 MPa)  
1 day.....5,000 psi (34.5 MPa)  
28 days.....7,000 psi (48.3 MPa)

#### **Admixture**

FasTrac Anchoring Cement will accelerate the set, increase the strength and improve performance of pre-mixed concrete. Addition ratios will vary depending on the initial set desired. Add 1 to 5 pounds of FasTrac Anchoring Cement for every 10 pounds of Portland Cement. The more FasTrac Anchoring Cement added to the mix, the faster the setting time. Do not over mix or re-temper. Do not over water.

Note: Set time and strength development of pre-mixed concrete with FasTrac Anchoring Cement as an admixture can be affected by the premixed concrete mix design and cement type. Set times will be affected by temperature of air, ground material and water. Additions of cold water during hot weather will extend set times and strength development. Additions of hot water will accelerate the set of materials during cold weather.

#### **Coverage & Storage**

One 50lb pail yields approximately one half cubic foot. FasTrac Anchoring Cement should be stored in a dry interior area. At no time should the material be exposed to high moisture, rain or snow conditions.

#### **Limitations**

Avoid hazards by following all precautions found in Safety Data Sheet (SDS), product labels and technical literature. Please read this information prior to using this product. Do not use in immersed conditions. Do not apply to frost covered substrates. FasTrac Anchoring Cement must be shaped (crowned) to allow for water "run off" during application. Proper application is the responsibility of the user.

**WARNING**

HEAT DEVELOPS AS PRODUCT HARDENS, MAY CAUSE SERIOUS BURNS DURING HARDENING (REHYDRATION) RESULTING IN PERMANENT INJURY. AFTER MIXING WITH WATER, DO NOT ALLOW PROLONGED CONTACT WITH SKIN UNTIL THE PRODUCT HAS COMPLETELY HARDENED AND COOLED. CRUSHING, MIXING, SANDING AOR WORKING WITH THIS PRODUCT MAY GENERATE SIGNIFICANT AMOUNTS OF DUST. DUST MAY CAUSE LUNG, UPPER RESPIRATORY TRACT, EYE AND SKIN IRRITATION.

**First Aid**

Avoid breathing dust. Avoid dust contact with eyes and skin.

If inhaled, remove to fresh air. In case of contact, flush eyes and skin with water. If irritation persists, call a physician. If ingested, product may result in obstruction. Call a physician. Product may harden on contact with water.

**Handling & Storage**

Store in a dry place. Dew point conditions or other conditions causing presence of moisture may harden product during storage.

**In Case of Spill**

Ventilate area. Place spilled material into a waste container for disposal. Avoid creating excessive dust. Wear NIOSHA approved respirator. Do not wash down drain. May plug drain.

**Limited Warranty Notice**

Every reasonable effort is made to apply exacting standards both in the manufacture of "FasTrac Anchoring Cement" 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, Western Material and Design, LLC makes no warranty or guarantee, express or implied, including warranties of fitness for a particular purpose or merchantability, respecting its products, and Western Material and Design, LLC shall have no other liability with respect thereto. Any claim regarding product defect must be received in writing within one year from the date of shipment. No claim will be considered without such written notice or after the specified time interval. 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 Western Material and Design, LLC technical manager.

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