

FASTRAC 6K Concrete Mix

One-Component, Pumpable & Pourable

DESCRIPTION

FasTrac 6K Concrete Mix is a one-component, proprietary blend of cementitious materials and performance enhancing chemical additives. FasTrac 6K Concrete Mix is a Portland cement concrete containing a factory blended coarse aggregate that can be pumped or poured.

FEATURES/BENEFITS

- Ease of use / just add water
- Pumpable / pourable
- Pre-packaged with coarse aggregate
- Excellent freeze / thaw resistance
- Good bond strength

WHERE TO USE

- For full depth repairs
- Bridges
- Walkways
- Tunnels
- Balconies
- Parking facilities
- Voids / Cavities

Yield

Approx. 0.50cu.ft. when mixed with recommended amount of water.

Packaging:

60 lb bag
2,000 lb bulk bag

Shelf Life:

12 mos. properly stored

Storage:

Store and transport in clean, dry conditions.

Application Temperature Range:

40° F to 90° F (Hot weather placement procedures recommended above 90° F; Cold weather placement procedures recommended below 50° F)

HOW TO APPLY

Surface Preparation (See ICRI guidelines)

1. Remove all dirt, oil, grease, unsound concrete and other contaminants that can affect bond.
2. Repair area is no less than 1 inch in depth
3. Mechanically roughen existing substrate and leave concrete in saturated surface dry (SSD) condition without standing water.

Reinforced 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

Add 0.75 gallons (2.84L) of clean water into the mixing container per 60lb (27.2kg) bag. Mix to a uniform consistency or approx. 6" slump for a maximum of 3 minutes. Mix with a drill and paddle or appropriate size mortar mixer or concrete mixer

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Compressive Strength (ASTM C 39)

Time	Strength in PSI
1 day	3,000 psi (20.7 MPa)
7 day	4,000 psi (27.6 MPa)
28 day	6,000 psi (41.4 MPa)

Curing

Cure immediately after finishing. Use wet burlap and polyethylene, a fine mist of water or a water based compatible curing compound. In extreme heat, keep the patches covered and damp.

Clean Up

Clean tools and equipment with clean water immediately after use. Cured material must be removed mechanically.

Health and Safety

Make certain the most current versions of product data sheet and SDS are being used.

Risks

Product is alkaline on contact with water and may cause injury to skin or eyes. Ingestion or inhalation of dust may cause irritation. This contains free respirable quartz, which has been listed as a suspected human carcinogen by NTP and IARC. Repeated or prolonged overexposure to free respirable quartz may cause silicosis or other serious and delayed lung injury.

Precautions

KEEP OUT OF THE REACH OF CHILDREN. Prevent contact with skin and eyes. Prevent inhalation of dust. DO NOT take internally. Use only with adequate ventilation. Use impervious gloves, eye protection and if the TLV is exceeded or is used in a poorly ventilated area, use NIOSH/MSHA approved respiratory protection in accordance with applicable federal, state and local regulations.

First Aid

In case of eye contact, flush thoroughly with water for at least 15 minutes, and Seek medical attention. In case of skin contact, wash affected areas with soap and water. If the irritation persists seek medical attention. Remove and wash contaminated clothing. If inhalation causes physical discomfort, remove to fresh air. If the discomfort persists, breathing difficulty occurs, or if swallowed seek medical attention. Refer to Material Safety Data Sheet (MSDS) for further information.

Proposition 65

This product contains material listed by California as known to cause cancer, birth defects, or other reproductive harm.

VOC Content

0 lbs/gal or 0 g/L

Limited Warranty Notice

Every reasonable effort is made to apply exacting standards both in the manufacture of "FasTrac 6K Concrete Mix" 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.