

FasTrac Infinity

Description

Fastrac Infinity is a rapid setting, non-shrink cementitious grout for repair of concrete.

Features/Benefits

- Rapid Setting, non-shrink grout
- Great durability, great consistency
- Limitless applications

Yield of 60-lb bag: @20% 0.5ft³

Packaging: 60-lb 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

Prepare the substrate by removing trash and debris. No priming is necessary, however it is advisable to wet the surface until SSD.

Mix Water

Mix water greatly affects the properties of cement, including flow, set times, and strengths. Acceptable water dosages for the FasTrac Infinity varies from 5.2-7.2 quarts per bag (4.92-6.81 liters), however, all of the results above were completed with 5.76 quarts (5.45 liters) mix water. Any water above this will reduce strength but increase flow, and any water lower than this will increase strength reduce flow.

Mixing

When using 60-pound bags, begin by placing approximately three quarters of the water into the mixer. Add the mortar mix into the mixer and begin mixing. Add the remaining water to the mix slowly, so the mortar wets out evenly. Mix for 2-3 minutes until consistency is achieved.

Technical Data (20% Water)

Time of Setting – min. at 72° F (22° C) (ASTM C 266)

Initial Set: 15-20

Final Set: 25-30

Fresh Grout Properties

% Flow, per ASTM C 1437: 108%

Unit Weight: 129.24lbs/ft³

Compressive Strength – 2in cubes (ASTM C 349)

Time	Strength in PSI (MPa)
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1 hour	1700
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2 hour	3100
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3 hour	3750
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1 day	5100
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7 day	6450
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28 day	7000
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Shear Bond Strength – 3in by 6in Cylinders (ASTM C 882)

Time	Strength in PSI (MPa)
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24 hour	1590
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7day	2800
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Drying Shrinkage – (ASTM C 157)

Time	Ave of 4 beams
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28day	-0.0722%
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FasTrac Infinity

Curing/Protection

No curing necessary. Protect fresh mix from traffic until the surface is strong enough to withstand loads without scarring

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 MSDS are being used

Risks

Product contains Portland cement and sand (crystalline silica); it can cause skin and eye irritation. Ingestion or inhalation of dust may cause tract 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 Infinity" 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.