



FasTrac Infinity

FAST-SETTING GENERAL PURPOSE REPAIR MORTAR



Technical Data Sheet

PRODUCT DESCRIPTION

FasTrac Infinity is a rapid-setting repair mortar for horizontal and formed vertical surface repairs. A highly flowable material, FasTrac Infinity provides 1-hour strengths for fast turnaround of repaired surfaces and may be placed down to 1/16th inch for resurfacing / refinishing applications.

APPLICATIONS

- General Concrete Patching
- Column Repairs
- Resurfacing Repairs
- Thin Repairs
- Horizontal and Formed Vertical Repairs

FEATURES

- Rapid Strength Development (1-Hour Strengths)
- Highly Flowable
- Excellent Bond Strengths
- Easy-to-Use One Component
- Polymer Modified

SURFACE PREPARATION

Concrete substrate must be structurally sound and have attained design strength. Roughen concrete surfaces to an ICRI 310.2R Concrete Surface Profile (CSP) of 6 to 10 or as otherwise specified. Sawcut perimeter edges where required. Remove all loose or unsound concrete, dust, debris and other bond inhibiting contaminants from surfaces. Presoak concrete surfaces for 2 to 3 hours prior to material installation. Surfaces should be saturated surface dry (SSD) at time of placement.

FORMWORK

Where required, formwork shall be built watertight and strong enough to withstand forces developed during placement. Formwork shall be coated with a suitable release agent such as form oil or paste wax for easy removal.

MIXING

Mix FasTrac Infinity with a drill and paddle for single bag mixes or a mortar mixer (rotating paddle mixer) for multiple bag mixes. Add recommended water content of 1 to 1.25 gallons (3.78 to 4.73 liters) per 50 lb. (22.7 kg.) bag to mixing container or mortar mixer followed by repair material. When mixing with a drill and paddle, add repair material slowly in increments while mixing. Mix for approximately 3 minutes. Use immediately after mixing.

INSTALLATION

For best results, condition material and surfaces to between 65°F and 85°F (18.3°C and 29.4°C).

For horizontal repairs, pour material into place. Work material into substrate to promote bond development.

Finish as necessary with trowel, screed or brush.

CURING

FasTrac Infinity should be wet cured for a minimum 1 hour after placement using wet burlap or burlene after final set. A curing compound meeting the requirements of ASTM C 309 may be used in lieu of wet curing.

CLEAN UP

All surfaces, tools and equipment may be cleaned with water prior to material setting.



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COVERAGE AND YIELD

50 lb. (22.7 kg) bag yields approximately 0.45 cubic feet.

SHELF LIFE AND STORAGE

1 year from date of manufacture in original unopened containers when stored under dry, weather-proof conditions. Store product at temperatures between 40°F and 90°F (4°C and 32°C).

TYPICAL PROPERTIES at 75° F (23.8° C)		
TECHNICAL DATA		RESULTS
ASTM 109 Compressive Strength		
	1 Hour	2,500 psi (17.23 MPa)
	2 Hours	3,000 psi (20.68 MPa)
	3 Hours	4,000 psi (27.58 MPa)
	1 Day	5,000 psi (34.5 MPa)
	7 Days	6,500 psi (44.81 MPa)
	28 Days	7,500 psi (51.71 MPa)
ASTM C882 Slant Shear Bond		
	1 Day	1,950 psi (13.44 MPa)
	7 Days	2,800 psi (19.30 MPa)
ASTM C266 Set Time		
	Initial	15-20 Minutes
	Final	20-25 Minutes
ASTM C1437 Flow, Percent		108%
Density Unit Weight		129 lbs. cu ft

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.

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