



FasTrac MaxBond Pro

ACRYLIC ADMIXTURE AND BONDING AGENT



Technical Data Sheet

PRODUCT DESCRIPTION

FasTrac MaxBond Pro is a liquid polymer admixture for cementitious repair materials / mortars and concretes that improves adhesion, tensile and flexural strengths, as well as permeability and freeze / thaw resistance. MaxBond Pro will not re-emulsify when exposed to water and offers enhanced chemical and UV resistance to cementitious mixtures. FasTrac MaxBond Pro may be used as an admixture, direct bonding agent, slurry bond coat for repair material / mortar systems and concretes.

APPLICATIONS

- Parking Decks
- Slab On Grade
- Runway Patching
- Pavement Repairs
- Horizontal Repairs

FEATURES

- Improved Freeze/Thaw Resistance
- Improved Adhesion & Bond
- Low Permeability
- Low Shrinkage
- Enhanced Workability

SURFACE PREPARATION

Concrete substrates should be structurally sound and have attained design strength. Concrete surfaces should be roughened to an ICR1 310.2R Concrete Surface Profile (CSP) of 6 to 10, be geometrically simple and have saw-cut edges based upon the repair material / mortar to be used. Remove all loose, unsound concrete and blow out all surfaces with oil free compressed air to remove dust, debris or other bond inhibiting contaminants. Presoak concrete surfaces with potable water based upon requirements of the repair material / mortar to be used.

MIXING

ADMIXTURE – Mix 1 part FasTrac MaxBond Pro to 3 parts of potable water (1:3) based upon the specified water content for the repair material / mortar used. Where increased physical properties are desired, mix FasTrac MaxBond Pro to a 1:2 or 1:1 to FasTrac MaxBond Pro : mix water ratio. Mix MaxBond Pro into mix water with drill and paddle at slow speed until a fully dispersed and a homogeneous solution is obtained. Add to a suitable mixing container followed by repair material / mortar while mixing. Follow water content and mixing instructions for repair material / mortar. Use immediately after mixing.

BOND COAT – May be used as a direct bond-coat on concrete substrates. Uniformly apply over all bond surfaces without puddling. Apply repair material immediately while FasTrac MaxBond Pro is still tacky. DO NOT apply if FasTrac MaxBond Pro has lost tack. If material has lost tackiness, reapply a second coat of FasTrac MaxBond Pro.

SLURRY BOND COAT - When used in a slurry mix as a bond coat, use undiluted and mix into repair material / mortar to a wet, slurry consistency. Install repair material / mortar immediately after application of slurry bond coat.

INSTALLATION

For best results, condition surfaces to between 65°F and 85°F (18.3°C and 29.4°C). Do not use FasTrac MaxBond Pro when temperatures will drop below 40°F (4.4°C). When used as a slurry bond coat, apply slurry to all surfaces in a thin, uniform application. Scrub into substrate. Install repair material / mortar immediately after. When used as an admixture, place mixed repair material / mortar full depth from one side of the repair and work into substrate. Level and finish repair material / mortar as necessary. Do not over-finish. Follow repair material / mortar manufacturer's recommendations for proper installation.

CLEAN UP

Clean all tools and equipment immediately after last use with water.

PACKAGING, YIELD, SHELF LIFE AND STORAGE

Packaged in 1 gallon containers.

Store between 40°F and 100°F (4.4°C and 38°C). Do not allow to freeze. Shelf life one year when stored under dry weatherproof conditions.

HEALTH AND SAFETY INFORMATION

Read SDS thoroughly before use. Use appropriate PPE as necessary to prevent skin and eye contact. Wear proper PPE when working with this material, including proper eye protection, gloves and in enclosed environments or where TLV may be exceeded, NIOSH / MSHA approved respiratory protection. Read SDS thoroughly before use.

LIMITED WARRANTY

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