

HELPS REINFORCE AGAINST PLASTIC SHRINKAGE CRACK FORMATION WHEN ADDED TO CEMENT-BASED AND GYPSUM-BASED MIXES

ACT FIBERS are 1/2" strands of virgin homo-polymer, polypropylene multifilament fibers specifically engineered to help reinforce against plastic shrinkage crack formation in cement-based and gypsum-based mixes.

ACT Fibers add tensile strain capacity to freshly placed cement based and gypsum based mixes reducing plastic shrinkage cracking in excess of 85%. Other advantages include increased abrasion, shatter and impact resistance, reduced permeability and higher compressive and flexural strengths.

ADVANTAGES

- Inhibits and controls the formation of cracking.
- Reinforces against impact forces.
- Reinforces against abrasion.
- Reinforces against water migration.
- Reduces plastic shrinkage and settlement cracking.
- Does not affect finish troweling.
- Replaces welded wire fabric when used for secondary (crack control) reinforcing in concrete.
- Rustproof, alkaline resistant.
- Requires no minimum amount of concrete cover.
- Reduces construction time.
- UL approved and meets ASTM C-116

USES

- Slabs on grade, curbs
- Sidewalks, driveways
- Pre-cast
- Tilt-up panels
- Mortar, stucco
- Pool decks
- Thin sections
- Architectural concrete
- Exposed aggregate

MIXING

- Add approximately 3 oz of ACT Fibers for every 300-400 pounds of dry material.
- Add approximately 15 oz. of ACT Fibers per each cubic yard of concrete.
- Dosage rates may vary depending on the performance requirements of the cement based mix.
- Blend by mechanical means for four to five minutes. Mix thoroughly.
- Over mixing will not alter the performance of the fibers.

PRECAUTIONS

Do not use ACT Fibers for:

- The control of cracking as a result of external stresses.
- The elimination of reduction in curling or creep.
- Decreasing the thickness of slabs on grade.
- Reducing the size of support columns.
- The replacement of any structural steel reinforcement.
- Increasing ACI or PCA control joint guidelines.

- The thinning out of bonded or un-bonded overlayment sections.
- The replacement of wire in stucco or plaster application.

WARNING!

In case of eye contact, flush with plenty of water. If irritation persists, seek medical attention. If skin contact occurs, flush the affected area with warm water and a mild soap. If irritation persists, seek medical attention. Gloves and eye protection are recommended when using this product. Read Material Safety Data Sheet (MSDS) before using this product which may be obtained from your retailer or by calling 978-453-8881.

24 Hour Emergency Medical/Spill Information (Chemtrec): 800-424-9300

KEEP OUT OF THE REACH OF CHILDREN!

For technical assistance call 978-453-8881

LIMITED WARRANTY

The manufacturer guarantees its products to be free of defects and the extent of its liability is limited to the purchase price of the materials only, if proved to be defective. Improper mixing, incorrect application or other factors beyond the control of the manufacturer or its dealers may produce unsatisfactory results and cannot be held to be the manufacturers or its dealers responsibility. There are no other guarantees either expressed or implied.

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60 REAR NEWHALL STREET

PHONE: 978-453-8881

LOWELL, MA. 01852

FAX: 978-453-2416