

Monofilament, Polyolefin, Large Denier, High-Tensile Macro Fiber



Product Specs

Base Resin	Modified Olefin
Fiber Length	4.5 CM
Specific Gravity	0.91
Tensile Strength	485 (Mpa)
Flexural Strength	(8 GPa)
Melting Point	(160° C)
Color	Gray
Water Absorption	Nil
Alkali Resistance	Excellent
Aspect Ratio	50 – 76
Corrosion Resistance	High

Applications

MEX600 utilizes the mixing activity to disperse the fibers into the mix. MEX600 acts with surface bond in the concrete with a multi-dimensional, fiber network. MEX600 does not affect curing process chemically.

MEX600 can be used in all types of concrete. MEX600 used in shotcrete applications will increase the compaction and density of shotcrete, reducing rebound and permitting thicker layers per pass.

Mixing

MEX600 can be added directly to the mixing system during or after the batching of the ingredients and mixed at high speed for a minimum of five minutes. Additional mixing does not adversely affect the distribution or overall performance of MEX600. The addition of MEX600 at the normal recommended dosage rate (3-10 lb/cy) does not require any mix design or application changes. A water reducer or super-plasticizer is recommended in concrete products where improved workability and finishability are desired.

Product Description

MEX600 fiber products are monofilament, high-performance, high-tensile macro fibers for use in fiber reinforced concrete and shotcrete. MEX600 is specifically designed for use in concrete products for the purpose of controlling post crack issues.

Monofilament, Polyolefin, Large Denier, High-Tensile Macro Fiber

Advantages/Benefits

- Mechanical bond with the concrete
- Improves post-crack strength
- Provides multi-dimensional reinforcement
- Enhances durability and toughness of concrete

Storage and Shelf Life

MEX600 fibers are monofilament, high-performance macrofibers for use in concrete products for the purpose of controlling cracks and replacing traditional wire mesh reinforcement.

Packaging

10 KG per BAG, 300 KG per pallet.

Other packaging available.

MEX600 Fibers are packaged in pre-measured degradable “toss-in” paper beater bags or water-soluble Bags.

Tooling & Finishing

Fiber reinforced concrete can be finished by most finishing techniques.

MEX600 does not affect the finishing characteristics of concrete .

MEX600 can be used in power/hand troweled concrete, colored and broom finished concrete.

MEX600 can be pumped and placed using conventional equipment. Hand screeds can be used, but vibratory and laser screeds are recommended to provide added compaction and bury surface fibers.