THE EUCLID CHEMICAL COMPANY



19218 REDWOOD ROAD • Cleveland, OH 44110 (216) 531-9222 • (800) 321-7628 • FAX (216) 531-9596 www.euclidchemical.com

FIBERSTRAND 200

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POLYESTER FIBER REINFORCEMENT

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XSPANISH ◆EXIT CATALOG

FIBERSTRAND 200 is an engineered polyester fiber designed specifically for secondary reinforcing of concrete. FIBERSTRAND 200 fibers are true monofilaments that totally disperse into the concrete mix when added at the batch plant or at the job site. FIBERSTRAND 200 is available in various lengths and deniers to provide optimum strength, reduced cracking and long-term concrete durability. FIBERSTRAND 200 fibers are treated with a dispersion agent and specialty coating to increase the resistance against alkali attack.

PRIMARY APPLICATIONS

- Plain, non-reinforced concrete
- In place of wire mesh reinforcement
- Flatwork
- Footings, foundations, walls and tanks
- Concrete pipe, burial vaults and prestressed beams

FEATURES/BENEFITS

Plastic Concrete

- Controls or eliminates plastic shrinkage cracks
- Reduces segregation
- Minimizes bleed water
- Provides three-dimensional reinforcing versus twodimensional with wire mesh

Hardened Concrete

- Reduces cracking
- Increases surface durability
- Reduces permeability

Other

- Reduces in-place cost versus concrete with wire mesh
- Faster form removal
- Totally safe compared to extruded reinforcing mesh
- Easy to use and dispensable into the concrete mix at any time prior to concrete placement

SPECIFICATIONS/COMPLIANCES

 Complies with ASTM C-1116, Type III, Synthetic Fiber-Reinforced Concrete and Shotcrete

TECHNICALINFORMATION Typical Engineering Data

Material	Polyester
Specific Gravity	1.38
Acid Resistance	Excellent
Thermal Conductivity*	7
Mildew Resistance	Excellent
Fiber Length**	3/4" (19 mm)
Denier	
Fiber Count Ove	r 14 million per yd ³ (0.8 m ³)
Fiber Type	Monofilament
Density	
Color	
Absorption	Nil
Tensile Strength	3.0 gr/denier min
Modulus of Elasticity	
Ignition PointOver	1,000°F (538°C)
Melt Point	495°F (257°C)
Electrical Conductivity	Low
Dosage Rate:	
Standard Dosage	1 lb/yd³ (.6 kg/m³)

- * Air equals 1 polyester equals 7
- ** Also available in 1/2," 1 1/4" and 2" (13, 32 and 51 mm) lengths.

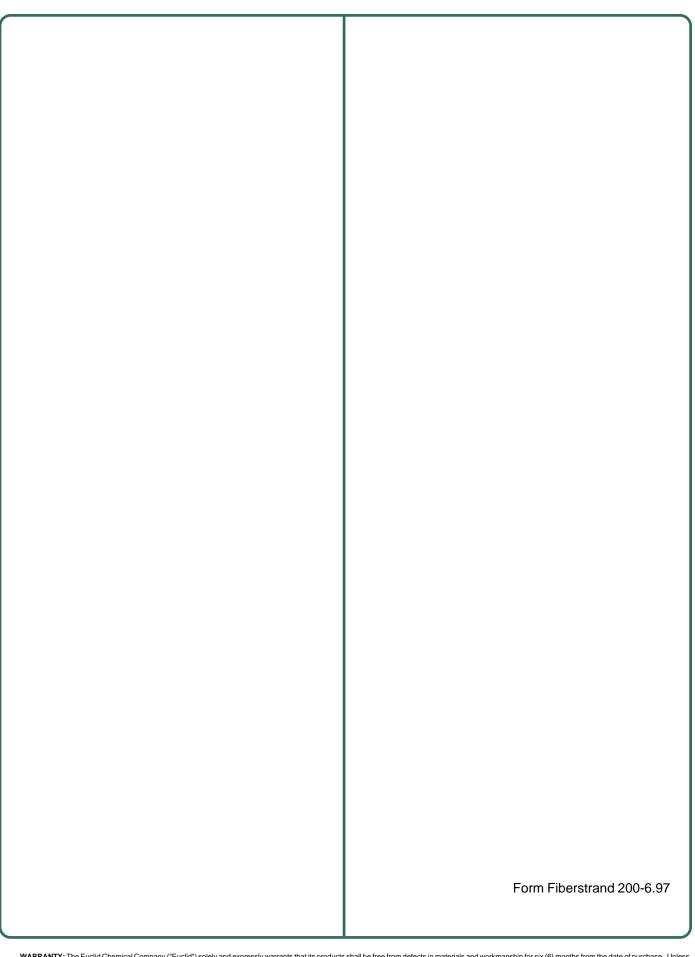
Shelf life is 3 years in original, unopened package.

PACKAGING

FIBERSTRAND 200 is packaged in 1, 8, 9 and 10 yd³ (.8, 6.1, 6.9 & 7.6 m³) high-strength polyethylene bags. Each bag is individually weighed to assure the appropriate fiber-to-cubic vard ratio.

DIRECTIONS FOR USE

FIBERSTRAND 200 can be added anytime prior to placement of the concrete. It is recommended that it be added at the ready-mix concrete plant during batching, but it can work equally well when introduced at the job site. FIBERSTRAND 200 must be mixed with the concrete for a minimum of 3 minutes at maximum drum speed to assure total dispersion and uniformity.



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