

CEM-FIL® 62

AR-GLASS CHOPPED STRANDS FOR DRY MIX MORTARS AND PREMIX GRC



DESCRIPTION

- **Cem-FIL® 62** is a high integrity AR glass fiber chopped strand designed for use in dry mix systems or other premixing processes for subsequent molding into a GRC component

BENEFITS

- High integrity during mixing
- Low-Tex strand
- Easy incorporation
- High performance with low dosage
- Excellent reproduction of detail
- High level of workability
- Low water demand
- Improves mechanical performance of GRC elements
- Makes highly durable GRC elements
- Safe and easy to handle

APPLICATIONS

- Sizing system optimized for abrasion resistance and strand integrity during blending with dry materials
- Low-Tex strand permits efficient reinforcement at low dosages: suited for the preparation of pre-bagged mixes of repair and top screed mortars
- Also may be used in the vibration-cast manufacture of standard GRC components



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TECHNICAL CHARACTERISTICS

Fiber length	Filament Diameter	Tex (g/km)	Loss on Ignition (%) (ISO 1887 : 1995)	Moisture (%) (ISO 3344 : 1997)
6 – 12 mm 1/4" – 1/2"	14 µm / 0.000546 in	45	2.15	0.50 max.
6 – 12 – 18 mm 1/4" – 1/2" – 3/4"		82	1.75	

- Electrical Conductivity: Very low
- Specific Gravity: 2.68 g/cm³
- Material: Alkali Resistant Glass*
- Softening point: 860°C – 1580°F
- Chemical Resistance: Very high
- Modulus of elasticity: 72 GPa – 10 x 10⁶ psi
- Tensile Strength: 1000–1700 MPa – 145–250 x 10³ psi

* Our fibers are manufactured with high Zirconia content in compliance with ASTM C1666/C 1666/M-07 and EN 15422 and under the recommendations of PCI and GRCA

DOSAGE

For repair mortars, recommended dosage is in between 1 to 2%, or 25 to 50 kg/m³ (42 – 84 lb/cu.yd). For Premix GRC, recommended dosage is from 2.5 to 3.5% by weight.

PACKAGING AND STORAGE

Cem-FIL® 62 chopped strands are packed in individual plastic bags, water-dispersible paper bags and carton boxes. Cem-FIL® 62 chopped strands should be stored away from heat and moisture, and in their original packaging. Optimum conditions are temperatures between 15°C and 35°C and humidity between 35% and 65%. If the product is stored at lower temperatures it is advisable to condition it in the workshop for at least 24 hours before use to prevent condensation.

QUALITY STANDARDS – CERTIFICATION

Cem-FIL® 62 fibers are manufactured under a quality Management System approved to ISO 9001.

Cem-FIL® fibers are not classified as dangerous by the Regulation 1272/2008/EC. For more information, please refer to our Safe Use Instructions Sheet.

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