



# CEM-FIL® 62

## Efficient ductile performance



**MICROPLASTICS-FREE**



**Cem-FIL® 62 is an integral strand glass fiber used to enhance the performance of drymix and GRC components manufactured in premixing processes.**

✔ Produced with Cem-FIL® AR-glass, the alkali-resistant glass is specifically designed for concrete reinforcement and lives up to a 50-plus-year reputation.

✔ Available in different strand diameters to optimize the fiber network

### FOR DRYMIX OR PREMIX GRC APPLICATIONS

#### Product Benefits



##### Performance

- Improved ductility
- Excellent performance to dosage ratio due to the high fiber count
- High modulus for enhanced crack control
- Alkali-resistant glass\*



##### Processing

- Friendly to automated dispensing
- Quick homogeneous dispersion
- Enables early demolding
- Safe and easy to handle
- Compatible with self-leveling systems



##### Aesthetics

- Ideal for use with complicated profiles
- Excellent reproduction of detail
- Makes durable, attractive GRC elements
- Superior finishability
- No risk of rust stains

#### Application

Cem-FIL® 62 is used in a variety of production processes with a sizing system optimized for performance and strand integrity during blending with dry material. Suited for pre-bagged mixes of repair and top screed mortars. Also suitable for standard GRC components consolidated by vibration or self-leveling admixtures.



## Technical Characteristics

FIBER LENGTH	FILAMENT DIAMETER	TEX (g/km)	LOSS ON IGNITION (%) (ISO 1887:1995)	MOISTURE (%) (ISO 3344:1997)
6–12 mm/¼"–½"	13 µm	45	2.25	0.50 max
6–12–18 mm/¼"–½"–¾"	14 µm	82	1.75	

- Electrical Conductivity: Very low
- Specific Gravity: 2.68 g/cm<sup>3</sup>
- Material: Alkali-Resistant Glass\*
- Softening Point: 860°C/1 580°F
- Chemical Resistance: Very high
- Modulus of Elasticity: 72 GPa–10x10<sup>6</sup> psi
- Tensile Strength of Input: >1 000 MPa – 145

\*Our fibers are manufactured with high zirconia content in compliance with ASTM C1666 and EN 15422 and under the recommendations of PCI and GRCA.

## Dosage

For drymix mortars and top screeds, recommended dosage is between 0.5 and 2%, or about 10–40 kg/m<sup>3</sup> (17–68 lb/yd<sup>3</sup>). For premix GRC, the recommended dosage is from 1.5 to 3.0% by weight or about 30–60 kg/m<sup>3</sup> (50–100 lb/yd<sup>3</sup>).

## Packaging & Storage

Cem-FIL® 62 chopped strands are packed in plastic bags (5 kg) or carton boxes (15–22 kg). 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

- 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 information, please refer to our Safe Use Instruction Sheet.
- CE marking and Declaration of Performance as fibers for use in concrete and mortar through European Technical Assessment ETA 17/0169.
- Verified Environmental Product Declaration according to ISO 14025 and EN 15804:2019 available upon request.

**MAKE  
MORE  
POSSIBLE™**

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