



# Cem-FIL® 60

## Cem-FIL® Chopped Strands for Premix GRC

### PRODUCT DESCRIPTION

Cem-FIL® 60 is a high integrity AR glass fibre chopped strand designed for premixing with other materials and the resulting mix is formed by vibration casting or other processes into moulded GRC components.

### PRODUCT APPLICATION

The high integrity of the product makes it suitable for use in a variety of production processes including vibration-casting, pumping, spraying, or dry-blending with other materials.

Cem-FIL® 60 chopped strands are designed for ease of incorporation even at high dosage and remain integral during mixing. It is used in the manufacture of standard GRC components such as drainage channels or meter boxes, or in architectural applications such as decorative screen walling and ornate mouldings. Cem-FIL® 60s hydrophobic behaviour makes the mix more fluid and that ensures better compaction and easier release of trapped air.



### FEATURES AND PRODUCT BENEFITS

- Alkali resistant glass\*
- High integrity
- High level of workability
- Reduced water demand / greater strength
- Easy incorporation
- Abrasion resistant strand
- Improves mechanical performance of GRC elements
- Safe and easy to handle

\* Our fibres 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

### TECHNICAL CHARACTERISTICS (nominal values)

Fibre Length	Filament Diameter	Tex	Size Content (%)	Moisture (%)
			ISO 1887 : 1980	ISO 3344 : 1977
6 – 12 mm / ¼” - ½” (in)	14 (µm) / 0.000546 (in)	45	0.8	0.3 max
6 - 12 - 18 (mm) / ¼” - ½”- ¾” (in)		82		
6 – 9 - 12 - 18 (mm) / ¼” -1/3” - ½”- ¾” (in)		135		

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## Cem-FIL® Chopped Strands for Premix GRC

Cem-FIL® 60 chopped strands are packed in individual plastic bags. The plastic bags are packed on a timber pallet with a cardboard outer container for protection. The completed pallets are wrapped in polyethylene and identified with two labels.

### STORAGE

Cem-FIL® 60 chopped strands should be stored away from heat and moisture, and in their original packaging. The best conditions are:

- Temperature: 15 °C – 35 °C.
- Humidity: 35 % – 65 %.

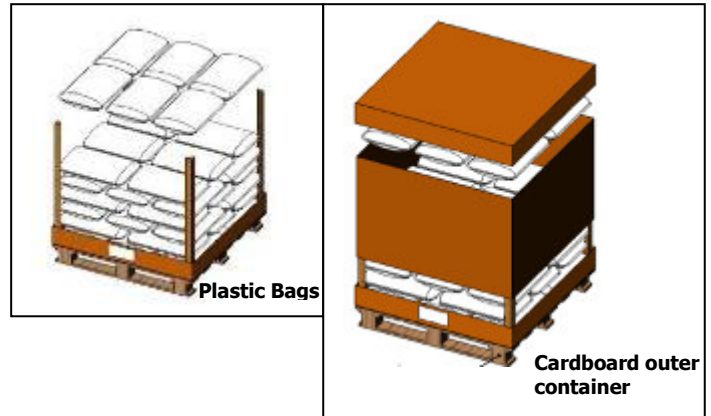
If the product is stored at lower temperatures it is advisable to condition it in the workshop for at least 24 hours before use, to prevent condensation.

OCV™ Reinforcements recommends using the material according to FIFO (first in, first out) method.

### QUALITY

Cem-FIL® 60 chopped strands are manufactured under a quality Management System approved to ISO 9001. Additionally the actual performance of Cem-FIL® fibers are subject to independent assessment and approval in Germany (Zulassung n° Z-3.72.1731).

## PALLET CHARACTERISTICS



[www.cem-fil.com](http://www.cem-fil.com)

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