



# Cem-FIL® 5325

## AR Direct Roving

### PRODUCT DESCRIPTION

Cem-FIL® 5325 is made from engineered AR-glass wined filament designed to be used with concrete, mortar and all hydraulic binders-based mix-designs.

Cem-FIL® 5325 rovings have a high Elastic Modulus and Tensile Strength making them ideal as an effective reinforcement for cement/concrete matrices. They will not rot or corrode and are unaffected by UV radiation, making them suitable for use with minimal cover



### PRODUCT APPLICATION

Cem-FIL® 5325 has been particularly designed for the weaving of woven fabrics, meshes/nets, scrims, etc. It has a size which is compatible with cement-based matrices. The rovings Cem-FIL® 5325 are particularly well suited to the needs of the market for the reinforcements of GRC (Glass Reinforced Cement) as well as screeds, mortars or renders.



### FEATURES AND PRODUCT BENEFITS

- |   |  |
|---|--|
| • Alkali resistant glass *                              | • Excellent unwinding                                      |
| • Low level fuzz  | • Easy chopping  |
| • High tensile strength                                 | • Very easy incorporation into the matrix                  |
| • Compatible with coating and hydraulic binder matrices | • Enhancement of GRC mechanical performance and durability |

\* 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)

Linear weight of Roving (tex)	Filament Ø (µm)	Loss on Ignition %	Moisture (%)
ISO 1889 : 1987	ISO 1889 : 1987	ISO 1887 : 1980	ISO 3344 : 1977
320 640 1200 2400	14 14 19 27	0.8	0.25 max

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Cem-FIL® 5325 rovings are wrapped in a heat-shrunk plastic bag and should be retained during the run-out.

### STORAGE

Cem-FIL® 5325 rovings 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 %.

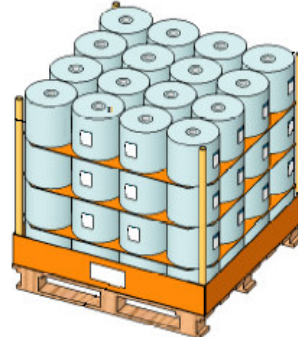
If the product is stored at lower temperatures it is advisable to condition it in the workshop for at least 24 hours before use, to prevent condensation.

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

### QUALITY

Cem-FIL® 5325 rovings are manufactured under a quality Management System approved to ISO 9001.

### PALLET CHARACTERISTICS



Without Individual Carton Boxes

#### NORTH AMERICA

James PATTERSON  
TEL: +1 623.566.0260  
FAX: +1 208.730.4581  
[Cem-fil@owenscorning.com](mailto:Cem-fil@owenscorning.com)

#### EUROPE

Holger ZORN  
TEL: +32.2.674.8318  
FAX: +32.2.662.0815  
[Cem-fil@owenscorning.com](mailto:Cem-fil@owenscorning.com)

#### ASIA PACIFIC

Peter RIDD  
TEL: +44 1275.390.968  
FAX: +44 117.370.1075  
[Cem-fil@owenscorning.com](mailto:Cem-fil@owenscorning.com)

#### MIDDLE EAST AND AFRICA

Brian MARTEN  
FAX: +44 (0) 870.1123811  
[Cem-fil@owenscorning.com](mailto:Cem-fil@owenscorning.com)



## OCV™ Reinforcements

**OWENS CORNING  
COMPOSITE MATERIALS, LLC**  
ONE OWENS CORNING PARKWAY  
TOLEDO, OHIO 43659  
1.800.GET.PINK™  
[www.owenscorning.com](http://www.owenscorning.com)  
[www.ocvreinforcements.com](http://www.ocvreinforcements.com)

**EUROPEAN OWENS CORNING  
FIBERGLAS, SPRL.**  
166, CHAUSSÉE DE LA HULPE  
B-1170 BRUSSELS  
BELGIUM  
+32.2.674.82.11

**OWENS CORNING – OCV ASIA PACIFIC  
SHANGHAI REGIONAL HEADQUARTERS.**  
2F OLIVE LVO. MANSION  
620 HUA SHAN ROAD  
SHANGHAI 200040  
CHINA  
86.21.62489922

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