



Cem-FIL® 54/76

GRC Spray Roving

PRODUCT DESCRIPTION

Cem-FIL® 54/76 is an Alkali Resistant glass fibre assembled roving designed for use in the manufacture of glass fibre reinforced concrete (GRC) composites by the simultaneous spray method.

PRODUCT APPLICATION

Cem-FIL® 54/76 is a spray roving with easy processing and incorporation, enabling the production of GRC elements with excellent finish and reproduction of detail.

Cem-FIL® 54/76 provides very good mechanical performance and excellent durability to GRC composites.

Cem-FIL® 54/76 is suitable for the fabrication of GRC in high humidity conditions.

Cem-FIL® 54/76 has been tested and approved for use with the commonly used spray equipment.



FEATURES AND PRODUCT BENEFITS

- Alkali resistant glass*
- Good unwinding
- Easy chopping
- High split efficiency
- Very easy incorporation into the matrix
- Perfect for use with complicated profiles
- High reproduction of detail
- Excellent mechanical performance
- Makes Highly durable GRC element
- 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)

| Linear weight of Roving (tex) | Linear weight of Strand (tex) | Loss on Ignition % | Moisture (%) |
|-------------------------------|-------------------------------|--------------------|-----------------|
| ISO 1889 : 1987 | ISO 1889 : 1987 | ISO 1887 : 1980 | ISO 3344 : 1977 |
| 2450 | 76 | 2.0 | 0.3 max |

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Cem-FIL® 54/76 rovings are shrink-wrapped and are packed on pallets either with or without carton boxes.

STORAGE

Cem-FIL® 54/76 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 %.

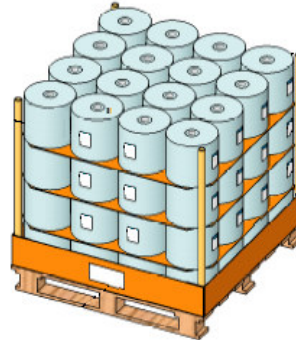
If the product is stored at lower temperatures it is advisable to condition it in the workshop for at least 24 hours before use, to prevent condensation.

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

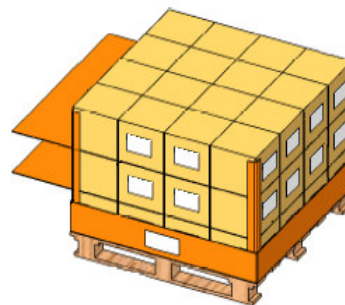
QUALITY

Cem-FIL® 54/76 rovings are manufactured under a quality Management System approved to ISO 9001. Additionally the actual performance of Cem-FIL® 54/76 is subject to independent assessment and approval in Germany (Zulassung n° Z-3.72.1731).

PALLET CHARACTERISTICS



Without Individual Carton Boxes



With Individual Carton Boxes

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