

Cem-FIL^{*}

Chopped strands

*Registered trademark

Cem-FIL 62/2 is a high integrity AR glass fibre chopped strand designed for use in dry mix systems or other premixing processes for subsequent moulding into a GRC component. Cem-FIL 62/2 chopped strand has a sizing system optimised for abrasion resistance and strand integrity during blending with dry materials. The low-tex strand permits efficient reinforcement at low dosages. It is particularly suited to the preparation of pre-bagged mixes of special mortars or renders. It may also be used in the manufacture by precasting of standard GRC components.

Identification (ISO)

Example : ARC14 45 62/2
 AR : Alkali Resistant
 C : Continuous filament
 14 : Filament dia in microns
 45 : Tex of strand
 62/2 : Product code

Technical characteristics (nominal values)

Strand tex	Filament dia. (micron)	Moisture content (%)	Size content (%)
ISO 1889 :1987		ISO 3344 : 1977	ISO 1887 : 1980
45	14	< 0.6	1.8

Products available

Cem-FIL 62/2 chopped strands are packed in cartons within an inner polythene bag. Each carton is identified by an individual label. Cem-FIL 62/2 chopped strands are white coloured but a green colour is used on labels to aid identification.

Product	Strand lengths available (mm)	Individual packaging		Carton weight (kg)
		Packaging code	Packaging style	
62/2	6	green	carton	22
	12, 18			18
	24			15

62/2

Technical data sheet

Properties

- low tex strand construction
- highest integrity during mixing
- abrasion resistant strand
- proven Cem-FIL Formulation



Bulk packaging

- Each pallet contains 36 cartons on 4 levels of 9 cartons each. The completed pallet is enclosed in polythene and identified with two labels.

Product	Strand length (mm)	Packaging style	Total	Pallets			
			number of cartons	Length (mm)	Width (mm)	Height (mm)	Approx. Net weight (kg)
62/2	6	individual carton	36	1140	1140	1970	792
	12, 18		36	1140	1140	1970	648
	24		36	1140	1140	1970	540

Shipment

Sea transport : a maximum of 10 pallets (single level) may be loaded in a 20 foot container giving a total net weight of approximately 8 tonnes (6 mm) or 6.5 tonnes (12,18 mm).

Road vehicle : up to 18 pallets (single level) total net weight 16 tonnes (6 mm) or 11.7 tonnes (12, 18 mm).

Storage

Cem-FIL chopped strands should be stored dry in their original packaging, the best conditions being at a temperature of between 15 and 35° C and at a relative humidity of between 35 and 65%. If the product is stored at low temperature (below 15°C) it is advisable to condition in the workshop for 24 hours before use to prevent condensation.

Quality

Cem-FIL chopped strands are manufactured under a quality Management System approved to ISO 9001. Additionally the actual performance of Cem-FIL 62/2 is subject to independent assessment and approval in Germany (Zulassung n° Z-31.2-127)

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