



Conmix Fiber

Long Chain Synthetic Polypropylene Fibers

DESCRIPTION **Conmix Fiber** is a long chain polymer composed 100% by weight of propylene unit. It is available in two sizes, pre-packed and ready to use.

STANDARDS ASTM C1116

USES **Conmix Fiber** is used as an additive in concrete and mortar mixes like screeds, plasters, renders, etc. It can also be used for enhancing physical and mechanical properties of subsoils and swelling clays (expansive soils).

ADVANTAGES

- Dense and durable concrete / mortar mixes can be designed
- Reduced crack formation during hardening
- Improves mechanical strength
- Improves water tightness
- Resistant to acids and alkalis
- Easy dispersion in both aqueous and non-aqueous media

TYPICAL PROPERTIES at 25°C

PROPERTY	TEST METHOD	VALUE
Component	-	Single
Form	-	Fibrous
Colour	-	White
Specific Gravity	-	0.92 +/- 0.02
Standard Length	-	6 mm and 12 mm
Tensile Strength	-	350 N/mm ²
Modulus of Elasticity	-	5000 N/mm ²
Elongation at break	-	25%
Softening Point	-	140°C
Melting Point	-	160°C
Alkali Resistance	-	Excellent

MIXING **Conmix Fiber** should be directly added to the dry material and mixed for a minute prior to addition of water.

PACK SIZE
0.6 kg for 6 mm fiber
0.9 kg for 12 mm fiber

DOSAGE
0.3 kg to 0.6 kg/m³ for mortar mixes
0.6 kg to 1.8 kg/m³ for concrete mixes



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NOTE Use 6 mm **Conmix Fiber** if aggregate size is smaller than 5 mm
Use 12 mm **Conmix Fiber** if aggregate size is larger than 10 mm

GENERAL INFORMATION	Shelf Life	3 years from the date of manufacture when stored under warehouse conditions in original unopened packing. Extreme temperature / humidity may reduce shelf life.
	Cleaning	Clean all equipment and tools with Conmix Cleaner immediately after use.

HEALTH and SAFETY	PPE's	Gloves, goggles and suitable mask must be worn.
	Precautions	Contact with skin, eyes etc. must be avoided.
	Hazard	Regarded as non-hazardous for transportation.
	Disposal	Do not reuse containers. To be disposed off as per local rules and regulations.
	Additional Information	Refer MSDS. (Available on request)

TECHNICAL SERVICE	CONMIX Technical Services are available on request for onsite support to assist in the correct use of its products.
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It is the customer's responsibility to satisfy themselves by checking with the company whether information is still current at the time of use. The customer must be satisfied that the product is suitable for the use intended. All products comply with the properties shown on current data sheets. However, Conmix does not warrant or guarantee the installation of the products as it does not have any control over installation or end use of the product. All information and particularly the recommendations relating to application and end use are given in good faith. The products are guaranteed against any manufacturing defects and are sold subject to Conmix standard terms and conditions of sale.