



Conmix Fibre

LONG CHAIN SYNTHETIC POLY PROPYLENE FIBRES

DESCRIPTION	Conmix Fibre is a long chain polymer, composed 100% by weight of propylene unit. Is available in two sizes, pre packed and are ready to use in concrete.	
STANDARD	ASTM C 1116-02	
USES	Conmix Fibres is used as an additive in concrete and mortar mixes like plasters, renders, etc to avoid cracks.	
ADVANTAGES	<ul style="list-style-type: none"> • Reduced crack formation during hardening specially in large concrete pours • Improved mechanical strength • Improved water tightness • Good cohesion during placement • Resistant to acids & alkalis • Easy dispersion in both aqueous and non aqueous media • Good UV resistance • Good biological resistance • Dense and durable concrete / mortar mixes can be designed • Easy to use 	
TYPICAL PROPERTIES @ 25°C	Appearance	: White synthetic fibers
	Specific Gravity	: 0.90 - 0.93 kg / ltr
	Standard Length	: 6mm and 12mm
	Tensile Strength	: 650 N/mm ²
	Modulus of elasticity	: 2500 N/mm ²
	Elongation at break	: 25%
	Softening Point	: 140°C
	Melting Point	: 160°C
	Ignition Temperature	: > 350°C
MIXING	Conmix Fibre can be directly added to the mixer or truck mixer at any stage. Once addition has taken place it has to be mixed well for atleast 2 to 3 minutes.	
NOTE	<p>If aggregate size is smaller than 5mm (i.e., especially for mortar mix) it is advisable to mix the fibre in dry pack before addition of water. Mix the dry pack material for a period of 3 to 6 minutes.</p> <p>Use 0.300 kg to 0.600 kg / m³ for mortar mixes</p> <p>Use 0.600 kg to 1.800 kg / m³ for concrete mixes</p> <p>Use 6mm PP fibre if aggregate size is smaller than 10mm</p> <p>Use 12mm PP fibre if aggregate size is larger than 10mm</p>	
GENERAL INFORMATION	Shelf Life	3 years from date of production, if stored properly in original unopened packing in dry conditions and away from sunlight and scorching heat.
	Packaging	0.600 kg and 0.900 kg
	Cleaning	Clean all equipments and tools with water



HEALTH & SAFETY**PPE's**

Gloves, goggles & dust mask must be worn.

Precautions

Contact with skin, eyes, etc must be avoided, if not may cause irritation.

Hazardous

It is regarded as non hazardous for transportation.

Disposal

Do not re-use bags. To be disposed off as per local rules and regulations.

Detailed Information

Refer to our MSDS for detailed information.

TECHNICAL SERVICE**Conmix** Technical services are available on request for on site support to assist the correct use of its products.**Conmix Ltd.**

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CC/MS05/Ver2/12/07

Construction Chemicals

It is the customer's responsibility to satisfy themselves by checking with the company that the 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. Conmix however do 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 in particular the recommendations relating to application and end use are given in good faith. The products are guaranteed against any defect and are manufactured and sold subject to Conmix standard terms and conditions of sale.