

RESIDENTIAL FLOORS

The use of Anti-Crak® fibers is a proven and accepted alternative to prevent plastic shrinkage and welded wire mesh (WWM) when used for crack reduction in residential and light commercial concrete floors.

Anti-Crak® fibers are compatible with all kinds of floors, including those with underfloor heating. They can also reinforce mortars efficiently whether it is for resurfacing, repairing or even tiling adhesive.

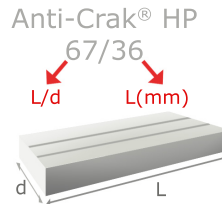
Thanks to their density being close to that of concrete, Anti-Crak® fibers are distributed throughout the matrix, as opposed to mesh which is quite often not located in the optimum position.

APPLICATIONS

- RESIDENTIAL FLOORS
 - TRADITIONAL SCREEDS
 - SELF LEVELING SCREEDS
- LIGHT COMMERCIAL FLOORS

BENEFITS

- Alternative to wire mesh reinforcement
- Control and prevention of cracking
- Fast and uniform dispersion
- Smooth finish / virtually invisible on surface
- Does not float or sink
- Safe and easy to handle
- Does not corrode
- Excellent compatibility with cement matrix
- Excellent workability at increased dosage
- Increases chemical resistance (e.g. unaffected by deicing products)
- Extends serviceability
- Long term durability
- Does not entrap air



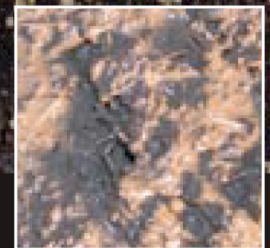
PROCESSING – DOSAGE

Cem-FIL® Fibers	Anti-Crak® HD	Anti-Crak® HP 74/12 Anti-Crak® HP 110/18	Anti-Crak® HP 45/24 Anti-Crak® HP 67/36
Benefits	Plastic Shrinkage crack reduction		
	Drying Shrinkage crack reduction		
			Thermal stress crack reduction
	Small load resistance		
Used for	Curing compound substitution		
	WWR Replacement		
			Small rebar replacement
Recommended dosage	0.6 kg/m ³ 1 lb/cu.yd	0.9 - 1.5 kg/m ³ 1.5 - 2.5 lb/cu.yd	1.5 - 5 kg/m ³ 2.5 - 8 lb/cu.yd

ANTI-CRAK® FIBERS ARE PART OF THE CEM-FIL® PRODUCT RANGE



The mix is perfectly workable, easy to be pumped and leveled. No fiber on surface



Fibers in fresh concrete



Perfect finished surface

If fibers are introduced into the concrete truck, mixing time should be about 1 minute / kg of fiber introduced with a maximum of 10 minutes for high addition rate.

Even at high dosage, the slump of concrete is not adversely affected. No need to add extra water or superplasticizers.

RECOMMENDATION

Do not substitute **Anti-Crak**[®] fibers for any structural reinforcement required by building codes

PACKAGING

Anti-Crak[®] chopped strands are packed in individual paper bags (water dispersible) or in plastic bags.

We can accommodate special requests. Please contact us.

QUALITY STANDARDS - CERTIFICATION

- Cem-FIL[®] fibers are manufactured under a quality Management System approved to ISO 9001. Additionally the actual performance of Cem-FIL[®] fibers is subject to independent assessment and approval in Germany (Zulassung N° Z-3.72.1731).
- Cem-FIL[®] fibers meet safety standards according to European Directive 99/45/EC, 67/548/EEC and their latest amendment.

DELIVERING SOLUTIONS - TRANSFORMING MARKETS - ENHANCING LIVES

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