

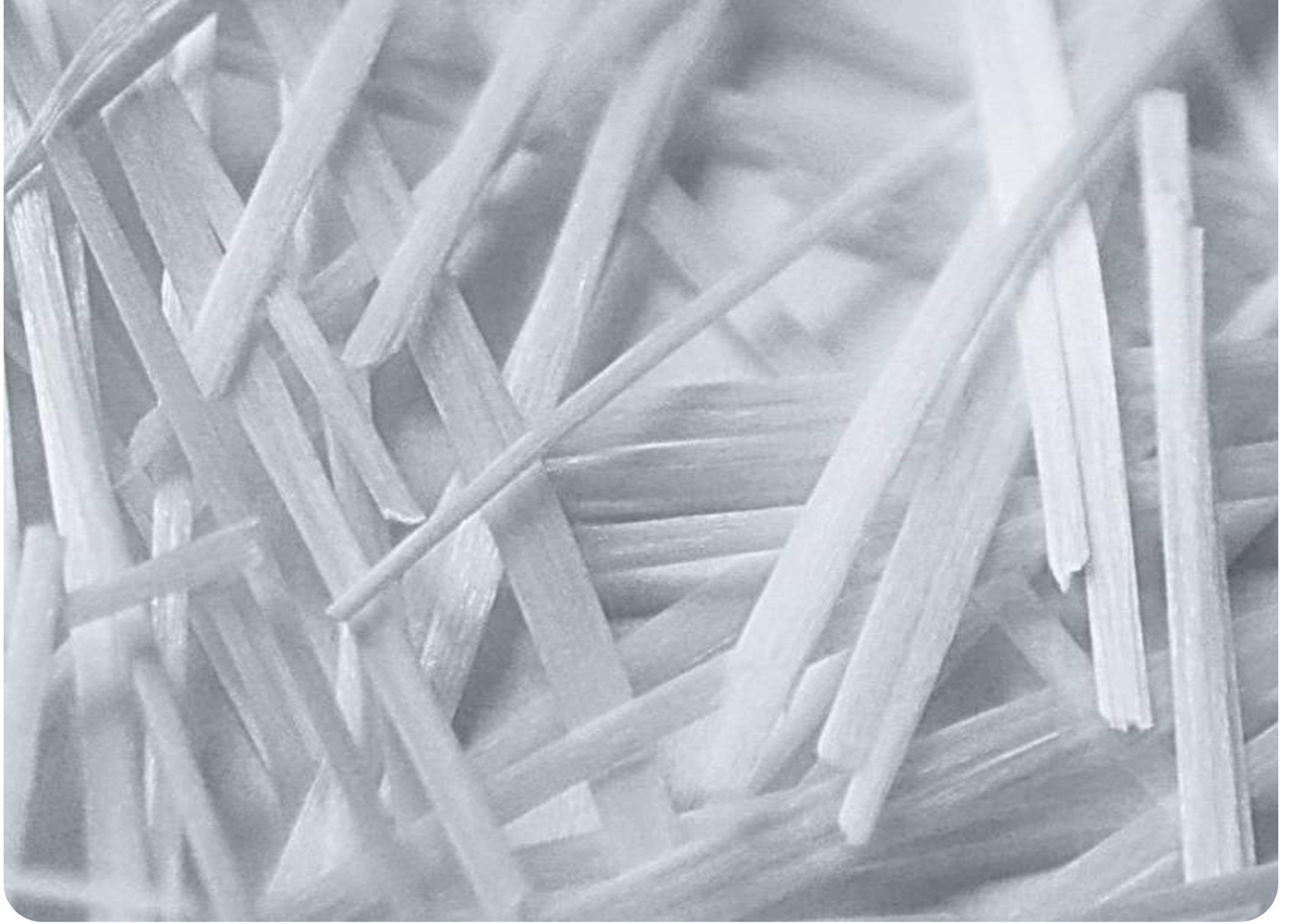


ANTI-CRAK® HP 67/36

Proven engineered performance



MICROPLASTICS-FREE



Anti-CRAK® HP 67/36 is designed to provide crack control, flexural performance, toughness, and impact-resistance to slabs-on-ground, commercial and industrial floors, pavements, precast concrete, manufactured products, and other applications.

✓ Produced with Cem-FIL® AR-glass, the alkali resistant glass is specifically designed for concrete reinforcement and lives up to a 50-plus-years reputation.

MACRO FIBER REINFORCEMENT FOR CONCRETE CRACK CONTROL

Product Benefits



Crack Control

- Plastic shrinkage crack mitigation
- High-modulus fiber controlling cracking in hardened concrete from thermal and drying shrinkage
- Impact- and fatigue-resistance
- Increased flexural performance
- Neutral buoyancy and uniform dispersion
- No rust, no staining



Enhanced Performance

- Multi-filament strand mineral fiber with natural affinity to cementitious materials
- Immediate efficiency starting at small crack opening, LOP and beyond
- Enables wider joint spacing and jointless floors



Faster Work

- Replaces the time-consuming preparation and installation of steel rebar
- Easy dosing — ready to add to the concrete, either at the ready-mix plant or at the job site
- Fast dispersion during mixing
- Low impact on workability
- Easy and trouble-free pumping
- Superior finishability

Application

Anti-CRAK® HP 67/36 is used in slabs-on-ground, pavements, bridge decks, roundabouts, concrete pavement overlays, agricultural slabs, commercial and industrial floors, precast concrete, and other applications designed with low crack openings.



Technical Characteristics

FIBER LENGTH	ASPECT RATIO (LENGTH/DIAMETER)	EQUIVALENT DIAMETER (EN14889-2)	MODULUS OF ELASTICITY	TENSILE STRENGTH
36 mm 1-1/2 inches	67	0.54 mm	72 GPa 10 x 10 ⁶ psi	>1 000 MPa >145 x 10 ³ psi

- Electrical Conductivity: very low
 - Specific Gravity: 2.68 g/cm³
 - Material: Alkali-Resistant Glass¹
 - Softening Point: 860°C/1 580°F
- Chemical Resistance: very high
 - Loss on Ignition (ISO 1887): 0.80-2.00%
 - Moisture (ISO 3344): 0.50% max

¹In compliance with ASTM C 1666 and EN 15422, and under the recommendations of PCI and GRCA.

How to Use

It is recommended to add Anti-CRAK® HP 67/36 at the mixer into wet concrete during the last stage of mixing, or directly into a ready-mix concrete truck on the job site. Mixture proportions and fiber dosage should be verified by testing.

The recommended dosages are:

	THERMAL AND SHRINKAGE CRACKING		STRUCTURAL PERFORMANCE	
FIBER TYPE	Macro		Macro	
ADDITION RATE	kg/m ³ 1–5	lb/yd ³ 1.5–8.5	kg/m ³ 1–15	lb/yd ³ 8.5–25
BENEFIT	Anti-cracking mesh replacement		Structural mesh and steel rebar replacement	
PRIMARY APPLICATION	Residential floors, light commercial floors		Commercial & industrial floors, pavements, thin-walled precast	

Packaging & Storage

Anti-CRAK® HP 67/36 is packed in plastic bags (5 kg). Anti-CRAK® HP 67/36 should be stored away from heat and moisture, and must stay in its original packaging. Optimum conditions are temperature between 15 °C and 35 °C (59°F to 95°F) and humidity between 35% and 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.

Quality Standards

- Anti-CRAK® HP 67/36 is manufactured under a quality Management System approved to ISO 9001.
- Anti-CRAK® is not classified as dangerous by the Regulation 1272/2008/EC. For more information, please refer to our Safe Use Instruction Sheet.
- CE marking and Declaration of Performance as fibers for use in concrete and mortar through European Technical Assessment.
- Verified Environmental Product Declaration according to ISO 14025 and EN 15804:2019 available upon request.

MAKE
MORE
POSSIBLE™

Americas
One Owens Corning Parkway
Toledo, Ohio, USA 43659
+1-866-2GET-GLAS

Europe
166 Chaussée De La Hulpe
B-1170 Brussels, Belgium
+32 3 674 8211

Asia Pacific
40/F, Pudong Kerry Parkside,
115 Fang Dian Road, Pudong,
Shanghai, 201204, China
+86-21-61019666

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