



A Master in Concrete Fiber Performance

Introducing MasterFiber®
MAC 360 FF Hybrid Fiber

MasterFiber MAC 360 FF is a highly engineered, polypropylene-based synthetic hybrid fiber designed for use as a shrinkage and temperature (secondary) reinforcement providing unparalleled finishing aesthetics. MasterFiber MAC 360 FF hybrid fiber strengthens plastic concrete to minimize shrinkage and settlement cracking, while effectively enhancing the post-crack flexural toughness of hardened concrete. Developed by BASF, MasterFiber MAC 360 FF hybrid fiber meets the collective needs of contractors, concrete producers and engineers.

Applications

The most common application for MasterFiber MAC 360 FF hybrid fiber is to replace welded-wire reinforcement (WWR) and steel bars often used as conventional shrinkage and temperature reinforcement in concrete projects.

This includes:

- Hard-troweled concrete
- Industrial and warehouse slabs-on ground
- Residential and commercial slabs-on-ground
- Concrete pavements, white-topping and overlays
- Composite metal decks
- Architectural panels

Superior mechanical & finishability performance

MasterFiber MAC 360 FF hybrid fiber saves contractors and producers time and effort by replacing mesh in slabs or in precast elements. Easy-to-work with, the product significantly improves surface finish quality and overall aesthetics.



PRODUCT FEATURES

- Exceptional finishability
- Effective tight crack control
- Delivers added impact durability and abrasion resistance
- Reliable reinforcement placement
- Excellent post-crack performance
- Improves green strengths—permits earlier stripping of forms with less rejection
- Dependable plastic shrinkage control and reduced settlement cracking

PRODUCT BENEFITS

- Produces fiber-reinforced concrete that is easier to place and finish
- Minimizes balling and reduces call backs
- Improves concrete mobility and placeability
- Reduces the risk of job-site injuries related to WWR and steel bars
- Lowers freight cost per cubic yard of concrete based on lower dosage rates
- Results in smooth surface texture approaching plain concrete appearance

Contact

United States

23700 Chagrin Boulevard
Cleveland, Ohio 44122-5544
Tel: 800 628-9990 ■ Fax: 216 839-8821

Canada

1800 Clark Boulevard
Brampton, Ontario L6T 4M7
Tel: 800 387-5862 ■ Fax: 905 792-0651

www.master-builders-solutions.basf.us

LIMITED WARRANTY NOTICE: We warrant our products to be of good quality and will replace or, at our discretion, refund the purchase price of any products proved defective. Satisfactory results depend not only upon quality products, but also upon many factors beyond our control. Therefore, except for such replacement or refund, BASF MAKES NO WARRANTY OR GUARANTEE, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY, RESPECTING ITS PRODUCTS, and BASF shall have no other liability with respect thereto. Any claims regarding product defect must be received in writing within one (1) year from the date of shipment. User shall determine the suitability of the products for the intended use and assume all risks and liability in connection therewith. Any authorized change in the printed recommendations concerning the use of our products must bear the signature of the BASF Technical Manager.

This information and all further technical advice are based on BASF's present knowledge and experience. However, BASF assumes no liability for providing such information and advice including the extent to which such information and advice may relate to existing third party intellectual property rights, especially patent rights. BASF SHALL NOT BE RESPONSIBLE FOR CONSEQUENTIAL, INDIRECT OR INCIDENTAL DAMAGES (INCLUDING LOSS OF PROFITS) OF ANY KIND. BASF reserves the right to make any changes according to technological progress or further developments.