



MASTER[®]
» BUILDERS
SOLUTIONS

■ BASF
We create chemistry



A Master in Concrete Fiber Performance

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

Master Builders Solutions from BASF

The Master Builders Solutions brand brings all of BASF's expertise together to create chemical solutions for new construction, maintenance, repair and renovation of structures. Master Builders Solutions is built on the experience gained from more than a century in the construction industry. The know-how and experience of a global community of BASF construction experts form the core of Master Builders Solutions. We combine the right elements from our portfolio to solve your specific construction challenges. We collaborate across areas of expertise and regions and draw on the

experience gained from countless construction projects worldwide. We leverage global BASF technologies, as well as our in-depth knowledge of local building needs, to develop innovations that help make you more successful and drive sustainable construction. The comprehensive portfolio under the Master Builders Solutions brand encompasses concrete admixtures, cement additives, chemical solutions for underground construction, waterproofing solutions, sealants, concrete repair & protection solutions, performance grouts, performance flooring solutions.

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