

FiberWorx 300

Synthetic Fibrillated Micro Fiber

Description

Monahan FiberWorx 300 is classified as microsynthetic fibers based on a number of criteria that include configuration, length, and composition. FiberWorx 300 meets the requirements of ASTM C1116, Section 4.1.3 as well as ASTM D7508. Further FiberWorx 300 is a homopolymer polypropylene resin fibrillated tape fiber meeting the minimum requirement for plastic shrinkage crack control and temperature shrinkage control per ICC ES AC32 3.1.1 and 3.1.2 respectively.

Features and Benefits

- 3-Dimensional Reinforcement
- Reduces plastic shrinkage cracks
- Excellent Temperature shrinkage reinforcement when used at 1.5lbs. y3
- Reduces permeability coupled with increased freeze thaw resistance
- Excellent finishing
- Reduces permeability coupled with increasing freeze-thaw resistance
- Enhances durability including impact and surface abrasion resistance
- Extends service life with reduced maintenance

Applications Opportunities

- Residential and Commercial SOG
- Concrete Pavement
- Whitetopping and overlays
- Irrigation ditches / Channels
- Precast - Burial Vaults - Septic
- Elevated Decks / Composite Metal Decks
- Driveways, sidewalks, curbs and gutters
- Shotcrete

General Specification

FiberWorx 300 is typically used at 1.5 lbs py3 and dosed with the corresponding bag size of that weight which can be introduced during the mixing cycle. It is an excellent option for temperature shrinkage reinforcement at this dosage.

Mixing Instructions

Add 1.5 lb bag of FiberWorx 300 to each cubic yard of concrete in the mixing system. At mixing speed, run the mixing system for 5 minutes / 100 revolutions.

Placing and Finishing

No special equipment or procedures are required to place and finish FiberWorx 300 reinforced concrete. We do recommend on broom finishing, to pull the broom in one direction only.

Packaging and Fishing

1.5 lb. bags / 16 bags per box / 36 boxes per pallet / 864 lbs. net weight.

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Seller and Manufacturer do not make any warranty of any kind regarding this product, either express or implied, including without limitation, any implied warranty of merchantability, fitness for a particular purpose, condition, design, or quality. Buyer's exclusive remedy, and the seller's and the manufacturer's exclusive liability for any claims, losses, damages, or injuries resulting from the use of this product, shall be limited to the replacement of the product with respect to which damages are claimed. In no case shall the seller or the manufacturer be liable for direct, consequential, special, incidental, punitive, or indirect damages resulting for the purchase or use of this product. Buyer accepts this product subject to this foregoing disclaimer, and purchases and uses this product at buyer's own risk. No employee, or agent of seller, or the manufacturer is authorized to vary the terms of this disclaimer in any manner.

FiberWorx hopes the information given herein is helpful. All information is based on test data and knowledge considered to be true and accurate, and is offered for the user's consideration, investigation and verification.



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