

PROFINISH

PRODUCT SPECIFICATION GUIDE

PRODUCT DESCRIPTION:

PROFINISH Concrete Fibers are designed to control early cracking in concrete caused by plastic shrinkage, thermal expansion, and contraction. PROFINISH offers excellent finishability that will save time and reduce labor costs.

PROFINISH Concrete Fibers are available in premeasured "ready-for-concrete" degradable bags, delivering tens of millions of fibers evenly throughout the concrete.

PRODUCT BENEFITS:

- Impact resistance
- Increases compressive strengths
- Improves toughness and durability
- Provides impact, abrasion, and shatter resistance
- Combines fibrillated polypropylene and multifilament nylon fibers

PHYSICAL PROPERTIES:

Polypropylene:	Nylon:
Specific Gravity.....0.91	Specific Gravity.....1.16
Melt Point.....320o F (160o C)	Melt Point.....490-510o F (255-265o C)
Modulus of Elasticity.....500 ksi	Modulus of Elasticity.....750 ksi
Absorption.....Nil	Absorption.....4-5%
Chemical & Alkali Resistance.....Excellent	Chemical & Alkali Resistance.....Excellent

MANUFACTURER'S RECOMMENDATIONS:

PROFINISH Concrete Fibers should be added at a dosage rate of 0.1% by volume, unless otherwise specified.

PROFINISH Concrete Fibers are packaged in premeasured, ready-for-concrete, degradable bags, designed to be introduced into the mix at any time before, during, or after the ready-mixed concrete. The manufacturer recommends proper mixing procedure as specified in ASTM C 94.

DOSAGE RATES:

Blend of fibrillated polypropylene and multifilament nylon fibers 1.5 to 3 lb./yd³ > (0.9 kg to 1.8 kg/m³)

PLACEMENT AND FINISHING:

The manufacturer recommends that the standard practices detailed in ACI 302 for placing, finishing, and curing concrete be followed when using PROFINISH Concrete Fibers.

The manufacturer 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. No warranty is expressed or implied regarding the results to be obtained from the use thereof. Each user must determine the suitability of

ARCHITECTURAL SPECIFICATION (Mini Spec):

Use only 100% virgin monofilament polypropylene and multifilament nylon fibers containing no reprocessed olefin materials and specifically engineered and manufactured for use in concrete as secondary reinforcement (PROFINISH).

Fibers are for the control of cracking due to drying shrinkage, thermal expansion and contraction, lowered permeability, increase impact, abrasion, and shatter resistance. Fiber manufacturer must be in compliance with applicable building codes and ASTM C-1116 Type III, 4.1.3 as manufactured by Polymer Group, Inc., 701 E. Avenue A, Kingman, Kansas, USA, 67068.

WARRANTY AND LIMITATION OF LIABILITY:

Product sold hereunder is of merchantable quality and conforms to seller's standards and specifications. Seller's sole liability for claim shall be limited to replacement of defective or nonconforming product. In no event shall seller be liable for any special, incidental, consequential, or exemplary damages.

Manufactured by PGI Performance Concrete Fibers & Distributed by Brett Admixtures