



# PE - 200

LEVEL 1

LEVEL 2

LEVEL 3

LEVEL 4

## PRODUCT FEATURES

- Enhances performance & durability
- Help to provides secondary reinforcement
- Eliminates plastic shrinkage cracking over 60%
- Alkali resistant & non-corrosive
- Insoluble in water
- No fiber protrusion = easy finishing
- High impact resistance
- Economical

## APPLICATIONS

- Slab-on-grade
- Precast concrete
- Shot-crete
- Stucco
- Decorative
- Other specialty concrete applications

## BENEFITS

PE200 staple fiber is an economical solution to crack formation. When added to concrete it mechanically locks in the fresh concrete matrix, controlling plastic shrinkage. PE200 helps with secondary reinforcement which helps eliminate crack formation that causes permanent weakening of the resultant concrete. With PE200, concrete is less permeable, has a smooth surface, is impact resistant and improves your Bottom Line.

## MIXING

Follow ASTM C-94 guidelines. PE200 can be added directly to the mix at the jobsite or during batching of ingredients, but not as the first ingredient and should be mixed for a minimum of 5 minutes at full mixing speed.

## PACKAGING

25 bags/carton  
36 cartons/pallet  
Truckloads available

## DOSAGE RATES

For general applications such as slab-on-grade, a standard dosage of (1) bag/yd<sup>3</sup> is recommended. Other fibers require higher dosage rates to achieve similar performance. For other applications, consult with your ICF representative for recommended dosages.

## FINISHING

There is NO surface protrusion when using PE200. PE200 can be pumped or placed using conventional equipment and PE200 can be used with all finishing techniques including power and hand troweling, broom finished and colored concrete.

## PHYSICAL PROPERTIES

Material	Polyethylene
Specific gravity (g/m <sup>3</sup> )	0.92
Elastic Modulus (Gpa)	>12
Tenacity (Mpa)	>1,400
Melting Temp	135° C/ 274° F
Acid & Alkali Resistance	Excellent
Color	White
Dispersity Rate	Excellent
Filament Diameter (μ)	28-32
Fiber Count (fiber/kg) approx.	115,000,000
Fiber Length inch (mm)	¼" (6mm)

## QUESTIONS? CONTACT US!

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