



MICRO SYNTHETIC

## Description

FORTA<sup>®</sup> PE-2<sup>®</sup> is an easy to apply micro synthetic fiber, made of 100% virgin copolymer polyethylene, that has been specifically designed and engineered for refractory castable concrete applications. This monofilament fiber provides a mini-reinforcing system forming a more cohesive, inner-supported mix intended to reduce the formation of shrinkage cracks prior to initial set, as well as provide a rapid burnout characteristic in the hardened mass after initial set. PE-2 is non-corrosive and non-magnetic.

## Applications

PE-2 is typically used in refractory castable concrete applications to provide early cohesiveness and green strength, and to provide uniform vapor release/burnout channels within the mass during firing. Requires no mix design or placement changes!

## Physical Properties

<b>Specific Gravity</b>	0.88 - 0.97
<b>Length</b>	0.25 in (6 mm)
<b>Material</b>	Virgin Copolymer Polyethylene
<b>Form</b>	Monofilament
<b>Color</b>	White
<b>Melting Point</b>	250°F (121°C)

## Additional Information

Additional information such as the Safety Data Sheet, Certifications, videos and other literature can be found on the [forta-ferro.com](http://forta-ferro.com) website. The website also features Project Profiles that show the many applications and benefits of FORTA products first-hand.

## Warranty

FORTA<sup>®</sup> products are warranted to be free of defects in material and meet all quality control standards set by the manufacturer. FORTA Corporation specifically disclaims all other warranties, express or implied. The exclusive remedy for defective product shall be to replace the product or refund the purchase price. No agent or employee of this company is authorized to vary the terms of this warranty notice. FORTA Corporation has no control over the design, production, placement, or testing of the concrete products in which FORTA<sup>®</sup> products are incorporated, and therefore FORTA Corporation disclaims liability for the end product.

FORTA reserves the right to change the features and specifications of its products without prior notice.

## Recommended Dosage

This product is used at varying dosage levels to provide satisfactory burnout results for specific application requirements.

## Packaging

<b>Bags</b>	1 lb
<b>Cartons</b>	40 bags
<b>Pallets</b>	16 cartons/640 bags

## Recommendations

**Addition:** PE-2 is packaged in mixer-ready bags that can be added directly into the cementitious material mixing system. The fiber should be added during or after batching of the other ingredients – never as the first mix ingredient.

**Mixing:** Once all fibers have been added to the batch, mix at the time and speed recommended by the mixer manufacturer.

*PE-2<sup>®</sup> can be purchased from FORTA Corporation or an authorized FORTA<sup>®</sup> products distributor, dealer or representative.*

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