



STUCCO-BOND®

FACT-DATA®

MANUFACTURER

FORTA CORPORATION, 100 FORTA Drive, Grove City, PA, U.S.A., 16127-6399
TELEPHONE: 1-800-245-0306, (724) 458-5221; FAX: (724) 458-8331; www.fortacorp.com

GENERAL DESCRIPTION

FORTA® Stucco-Bond® is an **easy to apply and finish**, fully oriented, 100% virgin homopolymer polypropylene monofilament fibrous reinforcement. This engineered fiber provides a mini-reinforcing system forming a **more cohesive**, inner-supported mix that functions as a **plastic shrinkage reinforcement** intended to reduce the formation of shrinkage cracks prior to initial set. FORTA® Stucco-Bond® is non-corrosive, non-magnetic, chemically inert, and **100% Alkali Proof!**

APPLICATIONS

FORTA® Stucco-Bond® is used in interior or exterior mortar and stucco applications to control plastic shrinkage cracking while improving basic durability properties. **Requires No Mix Design or Placement Changes!**

INSTALLATION

Recommended standard dosage rate of FORTA® Stucco-Bond® is **4 to 6 oz. per 100 pounds** of stucco/mortar added directly to the mixing system during, or after, the batching of the other ingredients and mixed at the time and speed recommended by the mixer manufacturer (usually four to five minutes).

PHYSICAL PROPERTIES

Materials.....	Virgin Homopolymer Polypropylene	Color.....	White
Form.....	Monofilament Fiber	Acid/Alkali Resistance....	Excellent
Specific Gravity.....	0.91	Absorption	Nil
Tensile Strength.....	90-110 ksi. (620-758 MPa)	Compliance.....	A.S.T.M. C-1116
Length.....	1/2" (13mm)		

AVAILABILITY

FORTA® Stucco-Bond® can be purchased from FORTA Corporation or an authorized FORTA® products distributor, dealer or representative. Orders are shipped within 24 hours by small package services, commercial carrier, or air freight.

PACKAGING

	DOMESTIC	INTERNATIONAL
Bags.....	1.0 Pounds	0.6 kg.
Cartons.....	40 Bags	30 Bags
Pallets.....	16 Cartons/640 Bags	12 Cartons/360 Bags

WARRANTY

FORTA® Stucco-Bond® fiber is warranted to be free of defects and to meet all quality control standards set by the manufacturer. FORTA Corporation has no control over the design, production, placement or testing of the concrete products in which FORTA® Stucco-Bond® is incorporated, therefore FORTA Corporation assumes no responsibility for the end products.

FORTA Corporation's technical recommendations regarding synthetic fiber characteristics are based on years of engineering research and scores of concrete projects. FORTA has developed a simple "4-C's" formula to help the specifier choose the right fiber for any concrete project application. By making a decision with each of the FORTA® "4-C's" categories – **C**onfiguration, **C**hemistry, **C**ontents, and **C**orrect Length—specifiers are assured of obtaining the desired fiber performance level for a given project. The following 4-C's Formula Specification has been prepared to accommodate the stated reinforcement objective for this FORTA product grade.

REINFORCEMENT OBJECTIVE: To inhibit concrete cracking caused by plastic shrinkage that occurs prior to initial set.

DIVISION – CONCRETE

SECTION – CONCRETE REINFORCEMENT

SUB-SECTION – SYNTHETIC FIBROUS REINFORCEMENT

Synthetic fibrous reinforcement shall be used in the areas denoted in plans, and shall comply with the following fiber characteristics:

1. **Configuration – Fiber shall be in monofilament form.**
2. **Chemistry – Fiber shall be made of 100% virgin materials in the form of fully-oriented polypropylene.**
3. **Contents – Fiber shall be used at a minimum dosage rate of 4 to 6 oz. per 100 pounds of stucco/mortar.**
4. **Correct Length – Fiber Length shall be 1/2" (13mm).**

Compliance: Fibers shall comply with A.S.T.M. C-1116 "Standard Specification for Fiber Reinforced Concrete and Shotcrete" and applicable national building code. The approved product is FORTA® Stucco-Bond® as manufactured by FORTA Corporation, Grove City, PA, U.S.A. Phone: 1-800-245-0306 or 1-724-458-5221; Fax: 1-724-458-8331.

FORTA Corporation

100 FORTA Drive, Grove City, PA 16127-6399 U.S.A.

1-800-245-0306 or 1-724-458-5221

Fax: 1-724-458-8331

www.fortacorp.com