



# THE SEALANT DEPOT

## Multifilament Polypropylene Fiber

### FACT - DATA<sup>®</sup>

#### MANUFACTURER

**THE SEALANT DEPOT™**, 1100 Taylor's Ln. Cinnaminson, NJ , U.S.A. 08077  
 Phone: (856) 829-7325; Fax: (856) 829-0430; Visit us online at: [www.sealantdepot.com](http://www.sealantdepot.com)

#### GENERAL DESCRIPTION

THESEALANT DEPOT™ Multifilament Polypropylene is an **easy to finish**, fully oriented, 100% virgin homopolymer polypropylene multifilament fibrous reinforcement. THE SEALANT DEPOT Multifilament Polypropylene grade fiber offers long term durability, and functions as a plastic shrinkage reinforcement intended to reduce the formation of shrinkage cracks prior to initial set and to reduce settlement shrinkage. THESEALANT DEPOT Multifilament Polypropylene is non-corrosive, chemically inert, and **100% Alkali Proof!**

#### APPLICATIONS

THESEALANT DEPOT™ Multifilament Polypropylene is used in concrete applications such as slab-on grade, curbs, driveways, sidewalks, basement floors, garage floors, and colored concrete, and small precast products, to control plastic shrinkage cracking while improving basic durability properties. **Requires No Mix Design Or Placement Changes!**

#### INSTALLATION

Recommended standard dosage rate of THE SEALANT DEPOT Multifilament Polypropylene is **1.0 lbs. per cubic yard (0.6 kg. per cubic meter)** of concrete added directly to the concrete 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

Material.....	Virgin Homopolymer Polypropylene	Length.....	3/4" (19mm)
Form.....	Multifilament Fiber	Color.....	White
Specific Gravity.....	0.91	Acid/Alkali resistance.....	Excellent
Tensile Strength.....	90-110ksi. (620-758 MPa)	Absorption.....	Nil
		Compliance.....	A.S.T.M. C-1116

#### AVAILABILITY

THE SEALANT DEPOT Multifilament Polypropylene can be purchased from THE SEALANT DEPOT or an authorized THE SEALANT DEPOT 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 lb.	0.6 kg.
Cartons.....	40 bags	30 bags
Pallets.....	16 cartons/640 bags	12 cartons/360 bags

## **WARRANTY**

THE SEALANT DEPOT<sup>™</sup> Multifilament Polypropylene fiber is warranted to be free of defects and to meet all quality control standards set by the manufacturer. THE SEALANT DEPOT<sup>™</sup> has no control over the design, production, placement, or testing of the concrete products in which THE SEALANT DEPOT Multifilament Polypropylene is incorporated, therefore THE SEALANT DEPOT<sup>™</sup> assumes no responsibility for the end products.

### **REINFORCEMENT OBJECTIVE:**

To Inhibit concrete cracking caused by plastic and settlement 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 - Fibers shall be used at a minimum dosage rate of 1.0 lb. per cubic yard of concrete (0.6 kg. per cubic meter of concrete).
4. Correct Length - Fiber Length shall be a minimum of 3/4" (19 mm).

<sup>™</sup> Multifilament Polypropylene as manufactured by

THE SEALANT DEPOT<sup>™</sup>.

## **THE SEALANT DEPOT**

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