

# FACT-DATA<sup>®</sup>

## 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.forta-ferro.com

## GENERAL DESCRIPTION

FORTA<sup>®</sup> NYLO-MONO<sup>®</sup> is an **easy to finish**, fully oriented, 100% virgin nylon fibrous monofilament designed to function as a plastic shrinkage reinforcement intended to reduce the formation of shrinkage cracks prior to initial set and to reduce settlement shrinkage. Non-corrosive, chemically inert, and resistant to alkali attack.

## APPLICATIONS

FORTA<sup>®</sup> NYLO-MONO<sup>®</sup> is primarily used with cast-in-place concrete applications such as slab-on-grade, overlays/toppings, curbs, driveways, sidewalks, basement floors, garage floors, and colored concrete, where the object is to control plastic shrinkage cracking. **Requires No Mix Design or Placement Changes!**

## INSTALLATION

Recommended dosage rate of FORTA<sup>®</sup> NYLO-MONO<sup>®</sup> 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

Materials.....	Virgin Nylon	Color.....	White
Form.....	Monofilament Fiber	Acid/Alkali Resistance....	Good
Specific Gravity.....	1.14	Compliance.....	A.S.T.M. C-1116
Tensile Strength.....	140 ksi. (966 MPa)		
Length.....	3/4" (19mm)		

## AVAILABILITY

FORTA<sup>®</sup> NYLO-MONO<sup>®</sup> can be purchased from FORTA Corporation or an authorized FORTA<sup>®</sup> products distributor, dealer or representative. Orders are sh1er .07 05 63di OR1p 4Tm31004B004C7005700487 49 ( Tm31489 9.96785

**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 nylon.
3. Contents – Fiber shall be used at a minimum dosage rate of 1.0 pound 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” (19mm).

**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® NYLO-MONO® 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.

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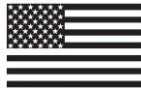


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MADE IN



U. S. A.



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