



**BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION**

**MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908**

NOTICE OF ACCEPTANCE (NOA)

**Nycon Inc.
101 Cross Street.
Westerly, RI 02891**

SCOPE: This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ)

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code. This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Multimesh and Nycon RC are multifilament nylon fibers that are 3/4 inch (19.1mm) in length; the fibers are furnished in degradable paper bags weighing 3/4 pound (.34 kg). The fibers are a concrete admixture used to control shrinkage cracking of concrete slabs on grade. They are approved as an alternate to the requirements of 6 x 6 W1.4 x W1.4 welded wire reinforcement fabric in nonstructural slabs placed directly on supporting soil as detailed in subsection 1909.3 of the Florida Building Code. All other requirements in section 1909. (slab thickness, compaction, quality of soil, etc) shall be observed.

INSTALLATION Multimesh or NyconRC fibers may be added to concrete at any point during batching or mixing process. The load must be mixed at high speed from 5 minutes or 70 revolutions, after the addition of Multimesh or NyconRC fibers to ensure uniform distribution. The standard range of addition of Multimesh or NyconRC fibers is 3/4 to 3-lbs/cubic yard of concrete. Multimesh fibers dosage rate shall be not less than 1-1/2 lbs/cubic yard in order to comply with the requirement of the section 1909.3 of the Florida Building Code 2001. The batch or load ticket shall indicate the amount of Multimesh or NyconRC fibers added to the mix and shall be available to the inspector upon request.

LIMITATIONS: The use of these fibers shall be clearly indicated in the "approved drawings" and must be approved by the architect or engineer of record. Multimesh or NyconRC fibers may be used in lieu of the steel mesh for control of shrinkage cracking and not intended to furnish structural strength or substitute steel reinforcing required to resist computed tensile stresses. **Missile Impact rating is not applicable with this product.**

LABELING: The bags of Multimesh and NyconRC shall be labeled with the manufacturer's name city, state and the following statement: Miami-Dade County Product Control Approved" or the manufacturer's logo and the Miami-Dade County logo.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA consists of this page 1 as well as approval document mentioned above.
The submitted documentation was reviewed by **Candido F. Font PE.**



**NOA No: 02-0729.06
Expiration Date: March 20, 2008
Approval Date: March 20, 2003
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Nycon Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED
(For File ONLY. Not part of NOA)

A. DRAWINGS
N/A

B. TESTS	Laboratory	Test	Date	Signature
1.	TwinCity 031562	ASTM C1399	07/10/02	J. D. Lee, PE.

C. MATERIAL CERTIFICATION
1. Letter certifying fibers with compliance with ASTM C1116, Section 4.1.3, Synthetic Fibers for Use in Concrete, dated 07/18/02, signed and sealed by R. C. Zellers, PE.

D. CALCULATIONS
N/A

E. STATEMENTS
1. Code compliance letter issued by J. Armaghani PE. on 01/24/03.
2. No financial interest letter issued by Nycon on 09/24/02 signed and sealed by R. C. Zellers, PE.



Candido F. Font PE.
Sr. Product Control Examiner
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