MIAMI-DADE

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)

W. R. Grace & Co., Inc.
1200 N. W. 15th Avenue.
Pompano Beach, FL 33069

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: Grace Polypropylene Fibers are100% virgin homopolymer polypropylene fibrillated fibers containing no reprocessed olefin materials for use as secondary concrete reinforcement. They are available in ½, ¾, 1-1/2 & 2 inches in length that are furnished in small bundles that dispense during mixing when added to concrete mix. 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 Grace 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 of 70 revolutions, after the addition of Grace fibers to ensure uniform distribution. The standard range of addition of Grace fibers is ¾ to 3-lbs/cubic yard of concrete. Grace fibers dosage rate shall be not less than 1-1/2 lbs/cubic yard in order to comply with the requirement of the Florida Building Code 2001. The batch or load ticket shall indicate the amount of Grace 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. Grace 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: None

LABELING: The bags of Grace fibers 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 renews NOA # 00-0501.07 and consists of this page Evidence page as well as approval document mentioned above.

The submitted documentation was reviewed by **Candido F. Font PE.**

10/23/3

PRODUCT CONTROL ACCEPTED

NOA No: 03-0204.02
Expiration Date: February 20, 2008
Approval Date: October 23 2003

W. R. Grace & Co., Inc.

NOTICE OF ACCEPTANCE: EVIDENCE PAGE

A. DRAWINGS
N/A

B. TESTS

	Laboratory	Test	Date	Signature
1.	Law Engineering # AM10751.01	ASTM C1018	06/14/88	C. A. Coletta, PE.

C. MATERIAL CERTIFICATION

1. Certification of compliance with Performance Level II of ASTM C116 Standard Specification for Fiber Reinforced Concrete Performance Level II issued by Briggs on 10/19/90 signed and sealed by J. B. Chase PE.

D. CALCULATIONS
N/A

E. STATEMENTS

1. National Evaluation Service, Inc. report No. NER-418 reissued in 06/01/94.
2. ICBO Evaluation Service, Inc. Acceptance Criteria for Concrete with Synthetic Fibers, dated July, 1993.
3. Underwriters Laboratories conclusion letter issued on 03/09/89, signed by N. G. Sanchez.
4. No change letter issued by Grace, dated 04/25/00 and signed by M. S. Cornell.
5. No change letter issued by Grace Construction Products on 09/22/03 and signed by M. Kennedy.

10/23/3

Candido F. Font PE.
Sr. Product Control Examiner
NOA No 03-0204.02
Expiration Date: February 20, 2008
Approval Date: October 23, 2003