



**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)

**Tailored Foam of Florida, Inc.
3900 St. Johns Parkway
Sandford, Florida 32771**

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 Florida Building Code including the High Velocity Hurricane Zone.

DESCRIPTION: Core-Fill 500 Wall Insulation.

APPROVAL DOCUMENT: Drawing No.20374-, titled "Core-Fill 500 Foam Insulation. Description Use and Installation" sheet 1 of 1, prepared by Cerny & Ivey Engineers Inc, dated 11/09/00 with no revisions, bearing the Miami-Dade County Product Control Renewal Stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: None

LABELING: Each bag or shall package bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved or MDCPCA", unless otherwise noted herein.

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 #00-0822.06 and consists of this page 1, evidence page as well as approval document mentioned above.

The submitted documentation was reviewed by **Candido Font, P.E.**



[Handwritten signature]
11/03/06

**NOA No 06-0125.01
Expiration Date: January 29, 2007
Approval Date: November 3, 2006
Page 1**

Tailored Foam of Florida, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE PAGE

A. DRAWING

1. Drawing No.20374, sheet 1 of 1, prepared by Cerny & Ivey Engineers Inc, titled "Core-Fill 500 Foam Insulation. Description, Use and Installation", dated 11/09/00, with no revisions, signed and sealed by C. B. Shiver PE.

B TEST

	Laboratory Report	Test	Date	Signature
1.	MTS # 94-116	NFPA 259	06/20/94	R. G. Miller, PE
2.	MTS # 94-116	ASTM E-84	06/20/94	R. G. Miller, PE
3.	MTS # 94-116	ASTM C-518	08/26/94	No Signature.
4.	U.S.T.C. # 111827	ASTM D-1929	07/21/94	D. H. Mangnall, PE

C CALCULATION N/A

D MATERIAL CERTIFICATION N/A

E STATEMENTS

1. No change letter issued by Tailored Foam of Florida, Inc. on 11/21/2000, signed by T. L'Heureux.
2. One year approval letter dated 05/03/06, signed by C.F. Font and accepted by J. Temple



Candido E. Font, P.E.
Senior Product Control Examiner
NOA No 06-0125.01
Expiration Date: January 29, 2007
Approval Date: November 3, 2006

CORE-FILL 500 FOAM INSULATION

DESCRIPTION:

This Core-Fill 500 Foam Insulation is a two component system consisting of Amino-Plast Resin and a catalyst foaming agent surfactant. When the two components are properly rationed together with compressed air they produce foam which is used to fill cores in concrete masonry walls.

1.1 Material Characteristics

Designation	Tests	Results
Flame Spread Index	E84	21
Smoke Index	E84	220
Flash Ignition Temperature	D1929	790 °F
Self Ignition Temperature	D1929	960 °F
Energy Content	NFPA 259	6109 BTU/Lb
Heat Flux	ASTM C518	9.85 BTU/HF-t ²
Thermal Resistance	ASTM C518	4.03 HF-t ² °F/BTU

USE:

It is a thermal insulation used for filling voids in vertical walls, partitions, and pipe chases in concrete block construction. It can be used in new and old construction because it can be pumped into holes drilled in the block cells, flowing into inaccessible areas from minimal openings.

INSTALLATION:

Core-Fill 500 can be installed after wall sections have been laid, by a certified applicant according to the manufacturer's recommendations by either of these methods:

The foam is pumped into the top of an open cavity at a maximum height of ten (10) feet to twelve (12) feet as wall sections are built.

When wall sections have been completed, sealed, or closed, the foam insulation can be pumped into each cavity through a 5/8" hole bored into the mortar joints along the entire wall five (5) feet from the floor level and at every ten (10) feet until the entire wall area is covered.



PROJECT REVIEWED
AS REQUIRED BY THE RULES
DATE 06-01-25-01
BY 01/29/07
APPROVED FOR INSTALLATION WITH THE
SOUTH FLORIDA BUILDING CODE
DATE December 21, 2000
BY [Signature]
PROJECT CONTROL OFFICE
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 00-0822.06

TITLE: Core-Fill 500 Foam Insulation
Description, Use, and Installation
MFC: Tailored Foam of Florida, Inc.
390 West State Road 434, Suite 203
Longwood, FL 32750-5169

SCALE: N.A. DRAWING NO. 20374
DATE: 9NOV2000 SHEET 1 OF 1
DRAWN BY: HIRH

CERNY & IVEY ENGINEERS, INC.
CONSULTING ENGINEERS TESTING LABORATORY
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