



BUILDING CODE COMPLIANCE OFFICE
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
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CONTRACTOR LICENSING SECTION
(305) 375-2527 FAX (305) 375-2558

CONTRACTOR ENFORCEMENT DIVISION
(305) 375-2966 FAX (305) 375-2908

PRODUCT CONTROL DIVISION
(305) 375-2902 FAX (305) 372-6339

PRODUCT CONTROL NOTICE OF ACCEPTANCE

Tailored Foam of Florida, Inc.
P. O. Box 520986 390 West State Road 434, Suite 203
Longwood ,FL 32750

Your application for Notice of Acceptance (NOA) of:

Core-Fill 500

under Chapter 8 of the Code of Miami-Dade County governing the use of Alternate Materials and Types of Construction, and completely described herein, has been recommended for acceptance by the Miami-Dade County Building Code Compliance Office (BCCO) under the conditions specified herein.

This NOA shall not be valid after the expiration date stated below. BCCO reserves the right to secure this product or material at any time from a jobsite or manufacturer's plant for quality control testing. If this product or material fails to perform in the approved manner, BCCO may revoke, modify, or suspend the use of such product or material immediately. BCCO reserves the right to revoke this approval, if it is determined by BCCO that this product or material fails to meet the requirements of the South Florida Building Code.

The expense of such testing will be incurred by the manufacturer.

ACCEPTANCE NO.: 00-0822.06
EXPIRES: 01/29/2006

Raul Rodriguez
Chief Product Control Division

THIS IS THE COVERSHEET, SEE ADDITIONAL PAGES FOR SPECIFIC AND GENERAL CONDITIONS
BUILDING CODE & PRODUCT REVIEW COMMITTEE

This application for Product Approval has been reviewed by the BCCO and approved by the Building Code and Product Review Committee to be used in Miami-Dade County, Florida under the conditions set forth above.

Francisco J. Quintana, R.A.
Director
Miami-Dade County
Building Code Compliance Office

APPROVED: 12/21/2000

NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS

1. SCOPE

- 1.1 This approves an amino-plast foam insulation described in Section 2 of this Notice of Acceptance designed to comply with the South Florida Building Code, 1994 Edition for Miami-Dade County (SFBC).

2. PRODUCT DESCRIPTION

- 2.1 The Core Fill 500 foam insulation shall be fabricated in strict compliance with the following document: Drawing No. 20374, titled "Core-Fill 500 Foam Insulation Description, Use and Installation", Sheet 1 of 1, dated 11/09/00 with no revisions, prepared by Cerny & Ivey Engineers, Inc. They bear the Miami Dade County Product Control approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division. These documents shall herein after be referred to as the approved drawings.

3. LIMITATIONS

- 3.1 This insulation system may be used within fire rated assemblies that have been tested in accordance with ASTM E-119 or if protected by a 15-minute thermal barrier.
- 3.2 The approval pertains to the insulation properties of Core-Fill Foam Insulation and it does not approve the concrete, structural, nor forming capacity of the materials and the system.

4. INSTALLATION

- 4.1 The insulation system shall be installed in strict compliance with the approved drawings and the installation manuals available from the manufacturer.

5. LABELING

- 5.1 Each insulation container shall bear a permanent label with the manufacturer's name or logo, city, state and the following statement "Dade County Product Control Approved".

6. BUILDING PERMIT REQUIREMENTS

- 6.1 Application for Building Permit shall be accompanied by copies of the following:
- 6.1.1 This Notice of Acceptance
- 6.1.2 Two copies of shop drawings approved by a Florida Register Engineer or Architect showing all details of the proposed installation.
- 6.1.3 Any other document required by the Building Official or the SFBC in order to properly evaluate the installation of this system.



Candido Font, PE, Sr. Product Control Examiner
Product Control Division

Tailored Foam of Florida, Inc.

ACCEPTANCE NO: 00-0822.06

APPROVED: DEC 21 2000

EXPIRES: 01/29/2006

NOTICE OF ACCEPTANCE STANDARD CONDITIONS

1. Renewal of this Acceptance (approval) shall be considered after a renewal application has been filed and the original submitted documentation, including test supporting data, engineering documents, are no older than eight (8) years.
2. Any and all approved products shall be permanently labeled with the manufacturer's name, city, state, and the following statement: "Miami-Dade County Product Control Approved", or as specifically stated in the specific conditions of this Acceptance.
3. Renewals of Acceptance will not be considered if:
 - a) There has been a change in the South Florida Building Code affecting the evaluation of this product and the product is not in compliance with the code changes;
 - b) The product is no longer the same product (identical) as the one originally approved;
 - c) If the Acceptance holder has not complied with all the requirements of this acceptance, including the correct installation of the product;
 - d) The engineer who originally prepared, signed and sealed the required documentation initially submitted is no longer practicing the engineering profession.
4. Any revision or change in the materials, use, and/or manufacture of the product or process shall automatically be cause for termination of this Acceptance, unless prior written approval has been requested (through the filing of a revision application with appropriate fee) and granted by this office.
5. Any of the following shall also be grounds for removal of this Acceptance:
 - a) Unsatisfactory performance of this product or process.
 - b) Misuse of this Acceptance as an endorsement of any product, for sales, advertising or any other purpose.
6. The Notice of Acceptance 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 Notice of Acceptance is displayed, then it shall be done in its entirety.
7. A copy of this Acceptance as well as approved drawings and other documents, where it applies, shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at all time. The engineer need not reseal the copies.
8. Failure to comply with any section of this Acceptance shall be cause for termination and removal of Acceptance.
9. This Notice of Acceptance consists of pages 1, 2 and this last page 3.



Candido Font, PE, Sr. Product Control Examiner
Product Control Division

END OF THIS ACCEPTANCE

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

<u>Designation</u>	<u>Tests</u>	<u>Results</u>
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/HFt ²
Thermal Resistance	ASTM C518	4.03 HFt 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.



APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE December 21, 2000
BY [Signature]
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 00-0822.06

TITLE: Core-Fill 500 Foam Insulation Description, Use, and Installation	
MFG: Tailored Foam of Florida, Inc. 390 West State Road 434, Suite 203 Longwood, FL 32750-5169	
SCALE: N.A.	DRAWING NO. 20374 SHEET 1 OF 1
DATE: 9NOV2000	
DRAWN BY: HRH	
CERNY & IVEY ENGINEERS, INC. CONSULTING ENGINEERS TESTING LABORATORY 5650 PEACHTREE PARKWAY, NORCROSS, GA 30092 (770)-449-8938 • FAX (770)-368-1148	