



**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)**

**Reflectix, Inc.  
1 School Street  
Markleville, IN 46056**

**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: Reflective Foil Bubble Insulation.**

**APPROVAL DOCUMENT:** Drawing No. B-111500-005, titled "Tempshield Insulation Single Furring Strip Application." sheet 1 of 1, prepared by Reflectix, Inc, signed and sealed by D. W. Yarbrough, P.E., dated 11/15/00 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 unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", 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 # 00-0628.02 and, consists of this page, evidence page as well as approval document mentioned above.

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



*[Signature]*  
02/05/04

**NOA No 03-0616.03  
Expiration Date: February 5, 2009  
Approval Date: February 5, 2004  
Page 1**

Reflectix, Inc.

**NOTICE OF ACCEPTANCE: EVIDENCE PAGE**

**A DRAWING**

1. Drawing No. B-111500-005, title "Tempshield Insulation Single Furring Strip Application", dated 11/15/00 with no revisions, signed and sealed by D. W. Yarbrough, PE.

**B TEST**

Laboratory Report	Test	Date	Signature
1. MTS # 257756	ASTM D3310	11/26/96	R. G. Miller, PE.
2. MTS # 257756-9/11	ASTM C 236	12/18 & 20/96	R. G. Miller, PE.
3. MTS # 257756-2/4 & 6/8	ASTM C 1224	11/27/96	R. G. Miller, PE.
4. MTS # 257756	ASTM E 96	12/11/96	J. Bridenstine, PE.
5. Omega # 15498 & 100557/8	ASTM E 84	10/07/96	S. G. Krone, PE.
6. MTS # 257756-18/19	Mil-STD-810D	01/08/97	J. Bridenstine, PE.
7. MTS # 257756B-9/10	ASTM E 408	12/06/96	R. G. Miller, PE.
8. MTS # 257756B-2 & 8	ASTM D 635	10/31/96	R. G. Miller, PE.
9. MTS # 257756B-7	ASTM D1929	10/22/96	R. G. Miller, PE.
10. MTS # 257756B1/4	ASTM C1224	12/06/96	R. G. Miller, PE.

**C CALCULATION** N/A

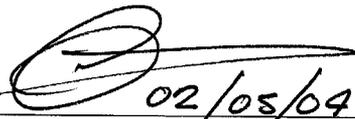
**D MATERIAL CERTIFICATION** N/A

**E STATEMENTS**

1. Letter of no change prepared by Sealed Air Corporation, issued on 11/03/2000 and signed by D. Tokarski.
2. Letter of code compliance prepared by R. & D. Services, Inc., issued on 12/23/96, signed and sealed by D. W. Yarbrough, PE.

**F QUALITY ASSURANCE**

1. Building Code Compliance Office.



02/05/04

Candido F. Font, P.E.  
Senior Product Control Examiner  
NOA No 03-0616.03  
Expiration Date: February 5, 2009  
Approval Date: February 5, 2004

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# TEMPSHIELD™ INSULATION A TYPICAL INSTALATION

## DESCRIPTION

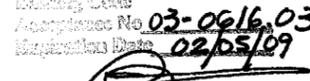
THIS IS TEMPSHIELD™ REFLECTIVE INSULATION FOR INTERIOR USE ON WALLS, IN WALL CAVITIES, CRAWL SPACE APPLICATIONS AND IN BASEMENT APPLICATIONS. TEMPSHIELD™ CONSISTS OF SINGLE AND DOUBLE BUBBLE LAYER WITH FOIL ON BOTH SIDES.

## INSULATION PROPERTIES

DESCRIPTION	TEST	RESULTS		
		SINGLE 3/16"	DOUBLE 3/8"	UNITS
RATE OF BURNING	ASTM-D635	22	4.3	IN/MIN
NORMAL EMITTANCE	ASTM-E408	0.03	0.04	AT 70° & 50%
THERMAL PERFORMANCE	ASTM-C1224	UP	4.4	HR.FT <sup>2</sup> *F BTU
		DOWN	10.0	
		HORIZONTAL	6.4	
FUNGUS RESISTANCE	MIL-STD-810D	NO GROWTH	NO GROWTH	-----
FLAME SPREAD INDEX	ASTM-E84	15	15	-----
SMOKE DEVELOPED INDEX	ASTM-E84	10	15	-----
PLIABILITY	ASTM-C1224	NO CRACKING OR DELAMINATION	NO CRACKING OR DELAMINATION	-----
WATER VAPOR TRANSMISSION	ASTM-E96	0.04	0.03	PERMS
BLEEDING & DELAMINATION	ASTM-C1224	NO BLEEDING OR DELAMINATION	NO BLEEDING OR DELAMINATION	-----
THERMAL PERFORMANCE	ASTM-C236	UP	3.7	HR.FT <sup>2</sup> *F BTU
		DOWN	6.5	
		HORIZONTAL	4.4	
ADHESIVE	ASTM -D3310	NO PITTING OR CRACKING	NO PITTING OR CRACKING	-----

## BUBBLE PACK PROPERTIES

DESCRIPTION	TEST	RESULTS	UNITS
FLASH IGNITION	ASTM D1929	662°F	-----
SELF IGNITION	ASTM D1929	680°F	-----

PRODUCT RENEWED  
 as complying with the Florida  
 Building Code  
 Acceptance No. 03-0616.03  
 Expiration Date 02/05/09  
 By   
 Miami Date Product Control  
 Division

*David W. Yarbrough*  
 12/26/03

ENGINEER D. W. YARBROUGH	REFLECTIX, INC. P.O. BOX 108 MARKLEVILLE, IN. 46056		
ENGINEERING DISCIPLINE HEAT TRANSFER	TITLE TEMPSHIELD™ INSULATION SINGLE FURRING STRIP APPLICATION		
REGISTRATION NUMBER FL 50959	SIZE B	FSCM NO	REV 0
DRAWN D BOLCE' 11-15-00	DWG NO B-111500-005	SCALE NONE	
ISSUED	SHEET 1 OF 1		

D

D

C

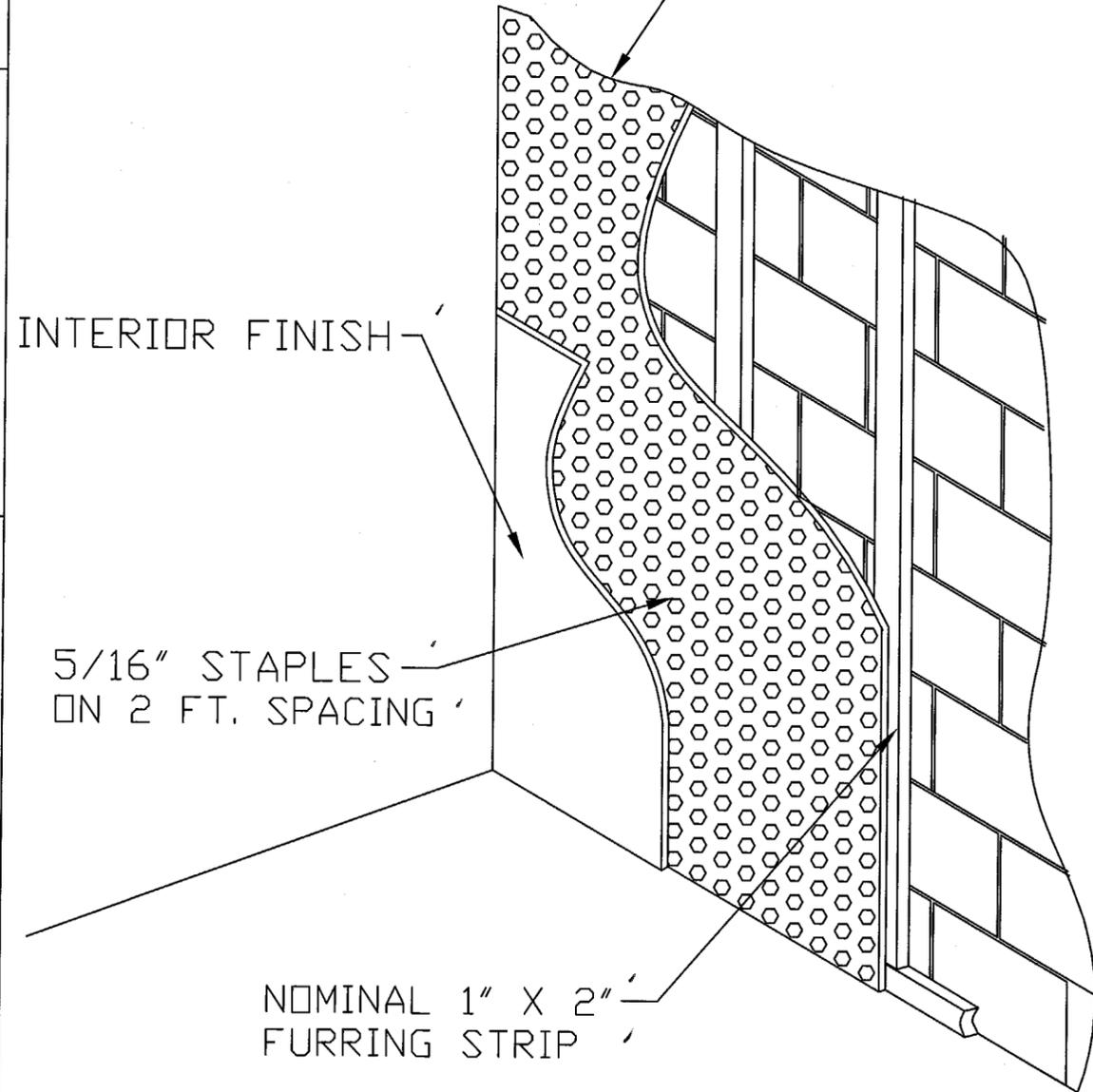
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