



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

**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**

**Sealed Air Corporation**  
**301 Mayhill Street**  
**Saddle Brook ,NJ 07663-5303**

Your application for Notice of Acceptance (NOA) of:

**Tempshield Reflective Foil Bubble Insulation**

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.: 00-0628.02**

**EXPIRES: 06/26/2003**

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**

Sealed Air Corporation.

ACCEPTANCE NO: 00-0628.02

APPROVED: DEC 21 2000

EXPIRES: 06/26/2003

NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS

**1. SCOPE**

- 1.1 This renews the Notice of Acceptance No. 96-1226.02, which was issued on 06/26/97. It approves Reflective 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 **Tempshield** reflective insulation shall be fabricated in strict compliance with the following document: Drawing No. B-111500-005, titled "Tempshield Insulation Single Furring Strip Application", Sheet 1 of 1, dated 11/15/00 with no revisions, signed and sealed by D. W. Yarbrough, PE. 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 an approved automatic fire extinguishing system

**4. INSTALLATION**

- 4.1 This insulation system shall be installed in strict compliance with the approved drawing and the Instructions for Easy Installation published by Sealed Air Corporation.

**5. LABELING**

- 5.1 Each panel 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 Duplicate copies of the approved drawings, as identified in Section 2 of this Notice of Acceptance
  - 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

**Sealed Air Corporation.**

**ACCEPTANCE NO.: 00-0628.02**

**APPROVED: DEC 2 1 2000**

**EXPIRES: 06/26/2003**

**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**

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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	-----

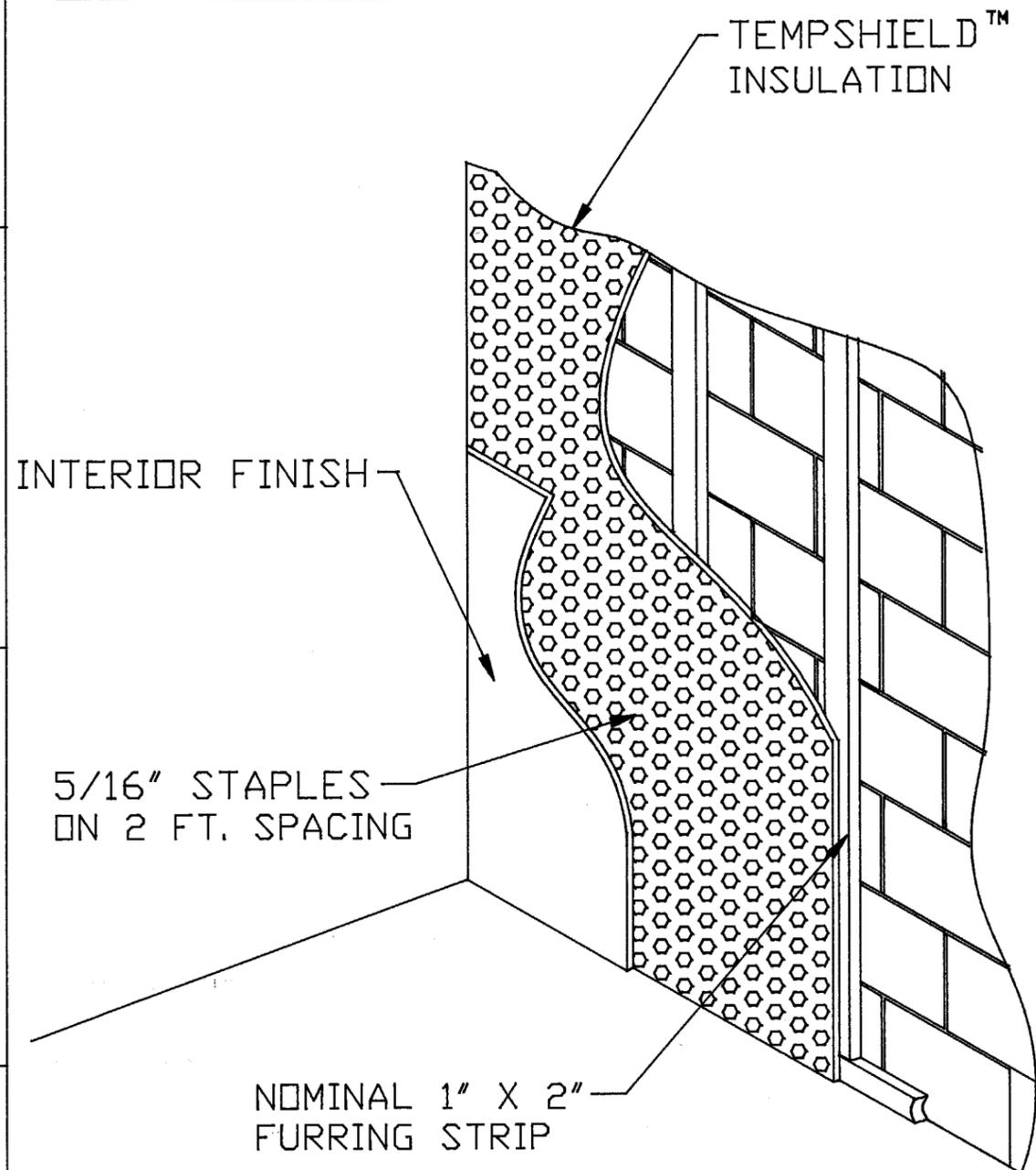
#### BUBBLE PACK PROPERTIES

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

APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE  
DATE December 21, 2000  
BY [Signature]  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 00-0628.02

ENGINEER D. W. YARBROUGH	SEALED AIR CORPORATION 301 MAYHILL STREET SADDLE BROOK, NJ 07663		
ENGINEERING DISCIPLINE HEAT TRANSFER	TITLE TEMPSHIELD™ INSULATION SINGLE FURRING STRIP APPLICATION		
REGISTRATION NUMBER FL 50959	SIZE B	PEN NO B-111500-005	REV 0
DRAWN D BOLCE' 11-15-00	ISSUED	SCALE NONE	SHEET 1 OF 1

*David W. Yarbrough*  
11/29/00



BLOCK WALL APPLICATION USING  
SINGLE FURRING STRIP

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