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)

Sto Corporation.
6175 Riverside Drive.
Atlanta, GA 30331

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: Exterior Insulation and Finish Systems

APPROVAL DOCUMENT: Drawing No. SM-STO1, titled "Sto Class PB EIF System Small Missile Impact Resistance", sheets 1 through 3 of 3, prepared by Sto Corporation, dated 09/09/99 with no revisions, signed and sealed by A.C. Ivey, P.E., 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: Small Missile Impact

LABELING: Each component package 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 # 99-0819.03** and consists of this page 1 as well as approval document mentioned above.
The submitted documentation was reviewed by **Candido F. Font, P.E.**

PRODUCT CONTROL ACCEPTED

Sto Corporation.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED
(For File ONLY. Not part of NOA)

A. DRAWINGS

1. Drawing No. SM-Sto1, titled "Sto Class PB EIF System Small Missile Impact Resistance", sheets 1 through 3 of 3, prepared by Sto Corporation, dated 09/08/99 with no revisions, signed and sealed by A. C. Ivey, P.E.

B. TESTS

1. Test report on Small Missile Impact per PA201, Cyclic Load Test per PA 203 and Static Air Pressure with water infiltration Test per PA 202 of "Sto Class PB EIF System", prepared by Hurricane Test Laboratory Inc, report # 0064-0711-95 dated 07/25/95, signed and sealed by T. S. Marshall, PE.
2. Test report on Adhesion Test per ASTM C297 of "Sto System I" prepared by United States Testing Company Inc, report # 185877-1, dated 01/27/92, signed and sealed by R. C. Smith, PE.
3. Test report on Adhesion Test per ASTM C297 of "Sto System II" prepared by United States Testing Company, Inc. report No. 185877-2, dated 01/30/92, signed and sealed by R. C. Smith PE.

C. CALCULATIONS

None

D. MATERIAL CERTIFICATIONS

1. Product Control Notice of Acceptance No. 98-0904.04 issued to Apache Products Co. on 11/26/98 and expiring on 01/11/02.

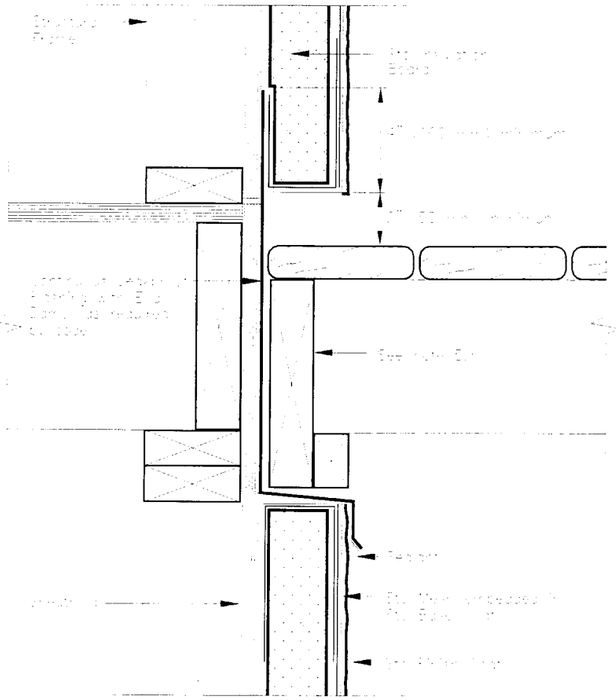
E. STATEMENTS

1. No change letter issued by Sto Corporation on 08/17/99 and signed by T. E. Remmele.
2. No change letter issued by Sto Corporation on 10/25/02 and signed by T. E. Remmele.

F. OTHER

NOA **99-0819.03**

Candido F. Font, P.E.
Senior Product Control Examiner
NOA No 02-0919.01
Expiration Date: August 15, 2007
Approval Date: November 21, 2002



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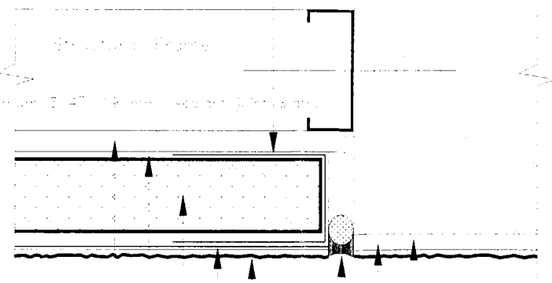

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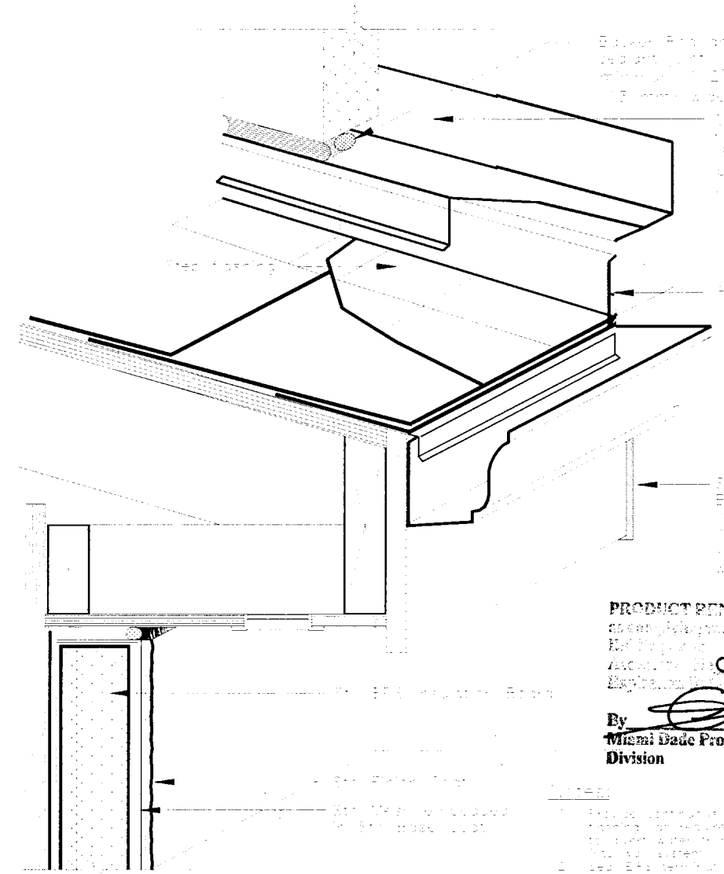

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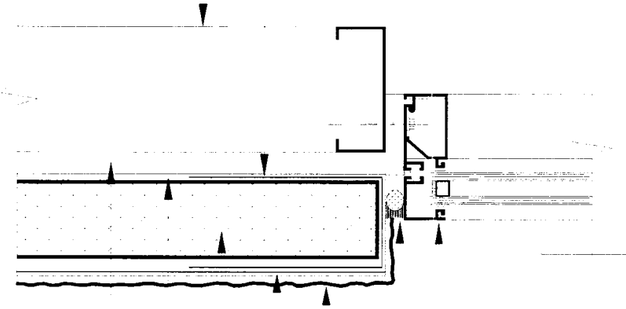


WINDOW JAMB
N.T.S.

PRODUCT RENEWED
[illegible] the Florida
[illegible] 02-091901
[illegible] 6/15/01
By
Miami Dade Product Control
Division

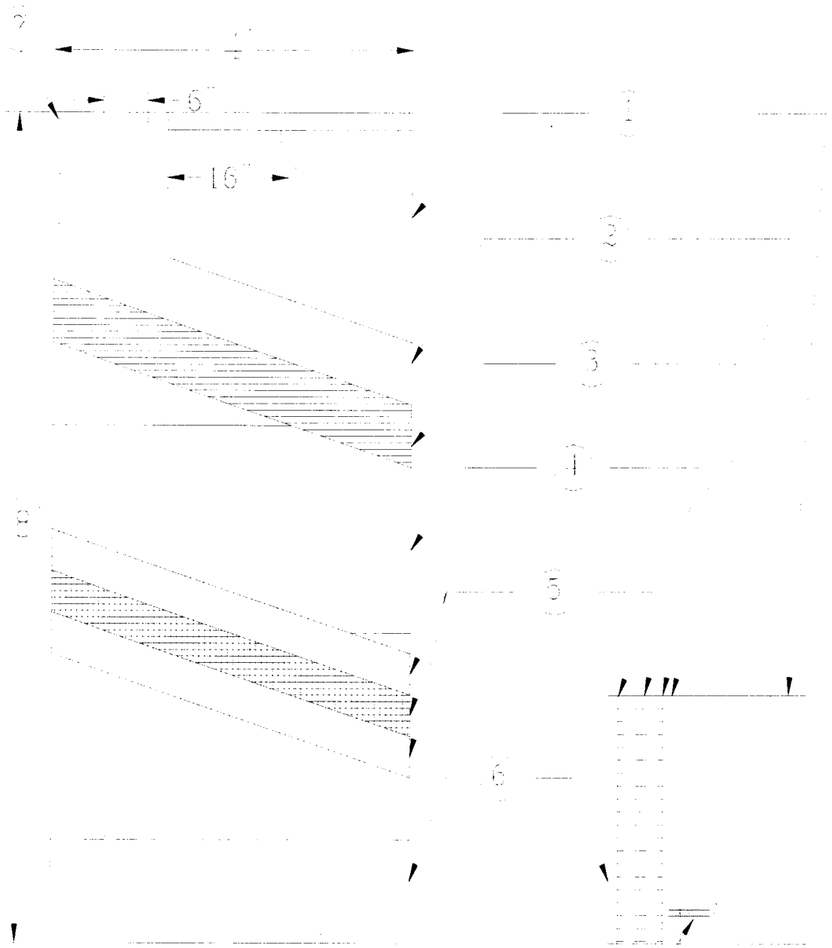
TYPICAL DETAILS

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE January 04, 2000
BY
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 99-0819.03

CERNY & IVEY ENGINEERS, INC.
CONSULTING ENGINEERS -TESTING LABORATORY
56 50 PEACHTREE PARKWAY, NORCROSS, GA 30092
(770) 449-6936 FAX (770) 426-6021

Arthur C Ivey 11/9/99

Sto Corp.
3800 Camp Creek Parkway
Building 1400, Suite 120
Atlanta, Ga. 30331
R-Wall Class PB
EIF System
Small Missile
Impact Resistance
Drawing no. SM-STO1
No. 2 of 3
Date; 09/08/1999
Not to Scale



KEY

1. 6" Steel Studs (16 ga) @ 16" O.C.
2. 5/8" Exterior Grade Gypsum Sheathing
3. Sto BTS-B Adhesive
4. EPS Board @ 1-1/2"
5. Sto BTS-B & Sto Mesh Embedded
6. Stolit Finish
7. #8 x 1-1/4" Wafer Head Screws @ 6" o.c. to all framing members

DESCRIPTION

1.1 Substrates approved with the system

1.1.1. Gypsum board over steel studs. 6" x 1 5/8" x 16 ga. Steel studs @ 16" o.c. with 5/8" thick exterior grade gypsum sheathing (ASTM C-79) fastened to the steel studs with #8 x 1/4" corrosion resistant wafer head screws @ 6" o.c. around the perimeter and the intermediate studs.

1.1.2. Concrete wall or concrete block wall without plaster or stucco built according to Sections 27 and 29 of the South Florida Building Code.

1.1.3. Plywood wall over wood studs. 2" x 4" wood studs @ 16" o.c. with 5/8" thick (5 ply) exterior grade plywood, fastened to the studs with a minimum of 6d corrosion resistant nails spaced @ 6" o.c. around the perimeter and intermediate studs.

1.1.4. All substrate approved under this Notice of Acceptance shall be designed by a Florida Professional Engineer or Registered Architect according to the South Florida Building Code and the minimum standards established here. Provisions for diaphragm action are necessary for gypsum wall substrate and the deflection shall be limited to L/360 on all cases.

1.2 Components of the System

1.2.1. Sto BTS-B Adhesive
A polymer cement based adhesive and base coat available in 60 lb bags, mixed with clean water and applied to the substrate per the manufacturer's recommendation to form a 1/8" coat with a spray equipment or a stainless steel trowel.

1.2.2. Insulation Boards
Apache 1-1/2" thick EPS boards in compliance with ASTM C-578 type I and 1.07 lb/cf density as approved under Notice of Acceptance #95-0626.11. Sto BTS-B adhesive is applied uniformly in ribbons parallel to the long dimension to the back of the 1-1/2" thick Apache boards using a ½" x ½" stainless steel U notched trowel. The boards shall be placed , applying pressure in a running bond pattern with the long dimension horizontal and from a level base starting line. Butt all joints tightly to avoid thermal breaks. Adhesive should not get between joints. After the insulation boards cover the entire surface, fill voids with slivers of insulation. When the boards are firmly adhered to the substrate, rasp all irregularities to achieve a smooth surface. This application shall be allowed to dry completely before the next step.

1.2.3. Sto Mesh
A nominal 4.8 oz./sy. symmetrical, interlaced open-weave glass fabric made with minimum 25% by weight alkaline resistance coating for compatibility with Sto materials. Available in rolls 38" wide. Sto BTS-B is mixed again and applied by trowel to a uniform thickness of 1/16" to the face of the Apache boards. Work horizontally or vertically in strips of 40" and immediately embed the mesh into the wet base trowling from the center to the edge of the mesh. Overlap the mesh not less than 2-1/2", double lap all inside and outside corners 2-1/2" in all directions and backwrap mesh edges and sides. The mesh shall be fully embedded so the color does not show through the base coat and it shall be allowed to dry for 12 hours before applying the Stolit finish.

1.2.4. Sto Stolit Finish
A ready mix, acrylic based, textured wall coating. Stolit finish is mixed with a high speed electric mixer and applied and textured by trowel to a thickness of 1/16". Apply on a continuous application working from the wet toward the unfinished area.

GENERAL NOTES:

1) This system has been designed in accordance with the South Florida Building Code 1994. Edition and its latest supplement
2) This system has been tested in accordance with the Dade County Protocol PA-201, PA-202 and PA-203 Small Missile Impact Structural and Cyclic Testing.
3) This System shall be applied by a licensed plastering contractor following the recommendations of Sto Corp. This notice of acceptance and the applicable sections of the South Florida Building Code.
4) The engineer and/or architect of record for each project using this system shall size all stud framing to ensure conformance with stud deflection and stress limitations as required by governing codes and this document.
5) Insulation boards shall be placed in a running bond pattern.
6) All studs used with this system shall be completely sheathed at the interior flange or bridged at maximum every 5 ft. of stud length or as specified by stud manufacturer.
7) All Steel studs shall be structural with 1-5/8" min. flange width and have minimum yield strength of 33000 PSI. Concrete blocks shall conform to ASTM C-39 and the studs shall be S.Y. P. (SG. 0.50) or better.
8) Details on pages 2/3 of 3 are typical and show intent to prevent water infiltration into and behind the system. Alternate details and specific conditions not covered by the typical details are the responsibility of the licensed design professional in consultation with Sto Corp.

PRODUCT RENEWED
[illegible] with the Florida
[illegible]
[illegible] No. 02-891901
Expiration Date 6/15/07
By [signature]
Miami Dade Product Control Division

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
DATE January 04, 2000
BY [signature]
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 99-0819.03

Design Pressure +/-124.4 PSF

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Arthur C. Ivey 11/9/99

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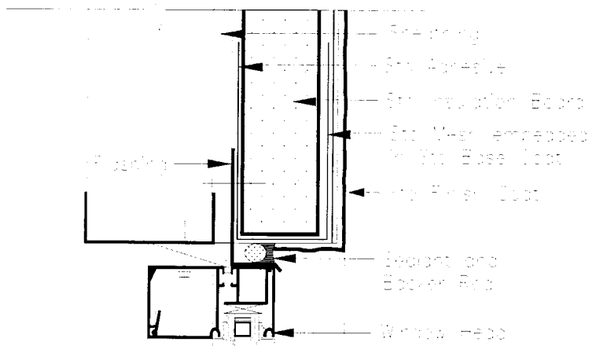
Sto Class PB
EIF System
Small Missile
Impact Resistance
Drawing no. SM-STO1
Page No. 1 of 3
Date: 09/08/1999
Not to Scale



WINDOW HEAD
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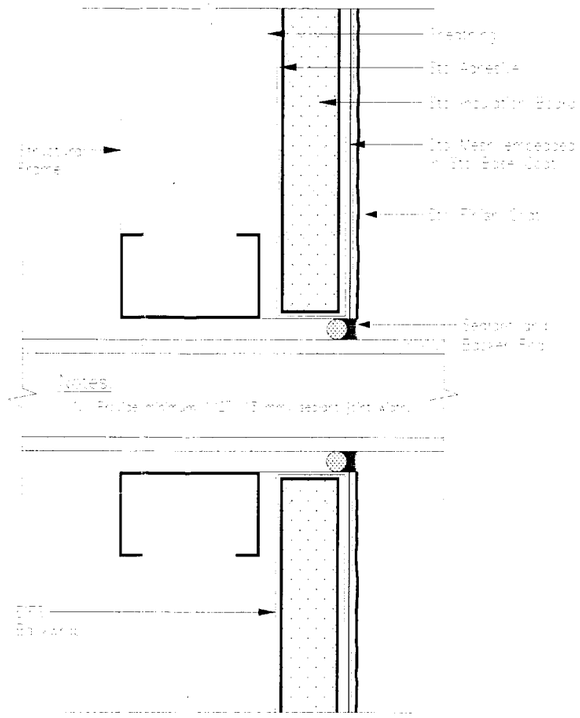

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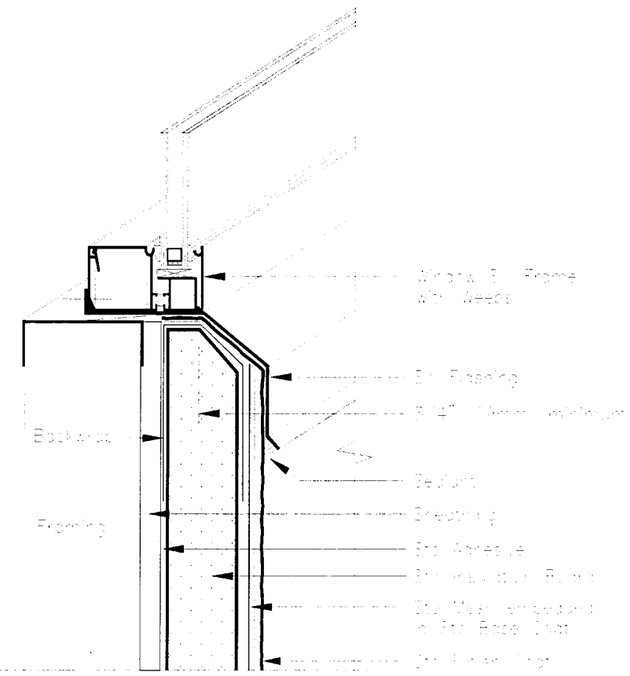

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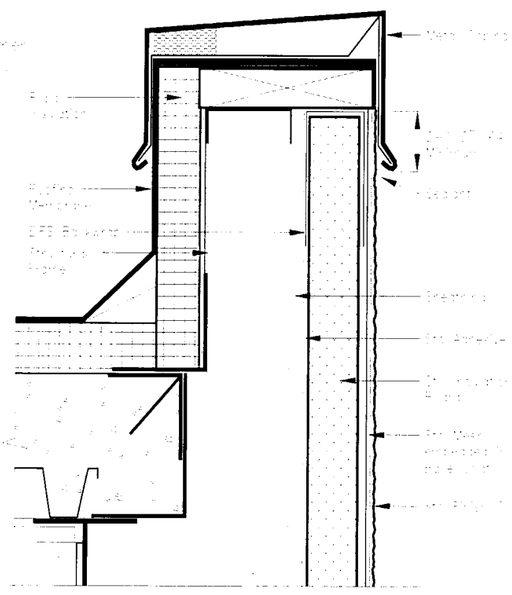

PARAPET
N.T.S

TYPICAL DETAILS

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE February 04, 2000
BY
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 99-0819.03.

PRODUCT REVIEWED
02-0919.01
8/15/07
By
Miami Dade Product Control
Division

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