



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
 BOARD AND CODE ADMINISTRATION DIVISION
NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
 PRODUCT CONTROL SECTION
 11805 SW 26 Street, Room 208
 Miami, Florida 33175-2474
 T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

Sto Corporation
 3800 Camp Creek Parkway, Bldg. 1400, Ste. 120
 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 and accepted by Miami-Dade County RER-Product Control Section 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 Section (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. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section 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: StoTherm ci LM.80.USG EIFS System – L.M.I.

APPROVAL DOCUMENT: Drawing titled “StoTherm ci LM.80.USG”, sheets 1 through 3 of 3, prepared by Sto Corporation, dated 10/21/2014, signed and sealed by Kurt W. Heinrichs, P.E., bearing the Miami-Dade County Product Control revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

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. Each container (bucket or drum) needs to be labeled. Unit is further defined as each roll of reinforcing mesh.

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 revises NOA # 13-0418.04 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by Carlos M. Utrera, P.E.



[Signature]
 08/12/2015

NOA No. 15-0603.07
 Expiration Date: August 14, 2018
 Approval Date: August 20, 2015
 Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing titled "StoTherm ci LM.80.USG", sheets 1 through 3 of 3, prepared by Sto Corporation, dated 10/21/2014, signed and sealed by Kurt W. Heinrichs, P.E.

B. TESTS *"Submitted under NOA # 09-1013.09"*

1. Test reports on 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
2) Large Missile Impact Test per FBC, TAS 201-94
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of a Sto Therm EIFS – USG-1 Panel, prepared by Hurricane Test Laboratory, LLC, Test Report No. **G141-0605-09**, dated 07/20/2009, signed and sealed by Vinu J. Abraham, P.E.

"Submitted under NOA # 03-0422.01"

2. Test report on Large Missile Impact per FBC, TAS201, Cyclic Load Test per FBC, TAS 203 and Static Air Pressure Test (including Water Infiltration Test) per FBC, TAS 202 of "Sto H-AT with Primer/Adhesive B", prepared by Hurricane Test Laboratory, Inc, Test Report No. **0064-1020-02**, dated 12/18/2002, signed and sealed by Vinu J. Abraham, P.E.
3. Test report on Large Missile Impact per FBC, TAS201, Cyclic Load Test per FBC, TAS 203 and Static Air Pressure Test (including Water Infiltration Test) per FBC, TAS 202 of "Sto H-AT with BTS-Plus", prepared by Hurricane Test Laboratory, Inc, Test Report No. **0064-1025-02**, dated 12/18/2002, signed and sealed by Vinu J. Abraham, P.E.
4. Test report on Large Missile Impact per FBC, TAS201, Cyclic Load Test per FBC, TAS 203 and Static Air Pressure Test (including Water Infiltration Test) per FBC, TAS 202 of "Sto H-AT with Primer/Adhesive B", prepared by Hurricane Test Laboratory, Inc, Test Report No. **0064-1026-02**, dated 12/18/2002, signed and sealed by Vinu J. Abraham, P.E.
5. Test report on Large Missile Impact per FBC, TAS201, Cyclic Load Test per FBC, TAS 203 and Static Air Pressure Test (including Water Infiltration Test) per FBC, TAS 202 of "Sto H-AT with Primer/Adhesive B", prepared by Hurricane Test Laboratory, Inc, Test Report No. **0064-1027-02**, dated 12/18/2002, signed and sealed by Vinu J. Abraham, P.E.



08/12/2015

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 15-0603.07
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C. CALCULATIONS “Submitted under NOA # 09-1013.09”

1. Engineering Report No. **29193-1**, prepared by Cerny & Ivey Engineers, Inc, dated 09/04/2009, signed and sealed by Christopher B. Shiver, P.E.

“Submitted under NOA # 03-0422.01”

2. Engineering Report No. 23026, prepared by Cerny & Ivey Engineers, Inc., dated 03/07/2003, signed and sealed by Robert N. Kenney, P.E.

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **11-0926.07** issued to Dyplast Products, LLC, for their “EPS Block Type Insulation”, approve on 11/10/2011, expiring on 01/11/2017.

F. STATEMENTS

1. Statement letter of code conformance to the 5th (2014) FBC issued by NOVA Engineering and Environmental, dated 04/09/2015, signed and sealed by Kurt W. Heinrichs, P.E.

“Submitted under NOA # 13-0418.04”

2. Statement letter of code conformance to 2010 FBC issued by Testing, Engineering and Consulting Services, Inc., dated 06/26/2013, signed and sealed by Brian J. Wolfe, P.E.
3. No financial interest letter issued by Testing, Engineering and Consulting Services, Inc., dated 07/10/2013, signed and sealed by Brian J. Wolfe, P.E.



Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 15-0603.07
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Description

1.1 Substrates and Sto products approved with the system

1.1.1. ASTM C 1177 compliant sheathing over steel 3-5/8" 18ga studs @ 16" O.C. w/ 3-5/8" 18ga steel track.
ASTM C 1177 compliant sheathing fastened to the steel studs with # 8 1-1/4" wafer-head screws @ 6" O.C. in field and perimeter.

1.1.2. All substrates approved under this Notice of Acceptance shall be designed by a Florida Professional Engineer or Registered Architect according to the current Florida Building Code and supplements. Provisions for diaphragm action are necessary for gypsum wall substrate and the deflection shall be limited to L/240 on all cases.

1.2 Components of the System/Application

1.2.1. Sto Armor Mat Mesh—Apply mixed Sto base coat by trowel to ASTM C 1177 compliant sheathing to a thickness of 1/8" and embed Sto Armor Mat XX (20oz/yd²) working from center to edge and allow to dry.

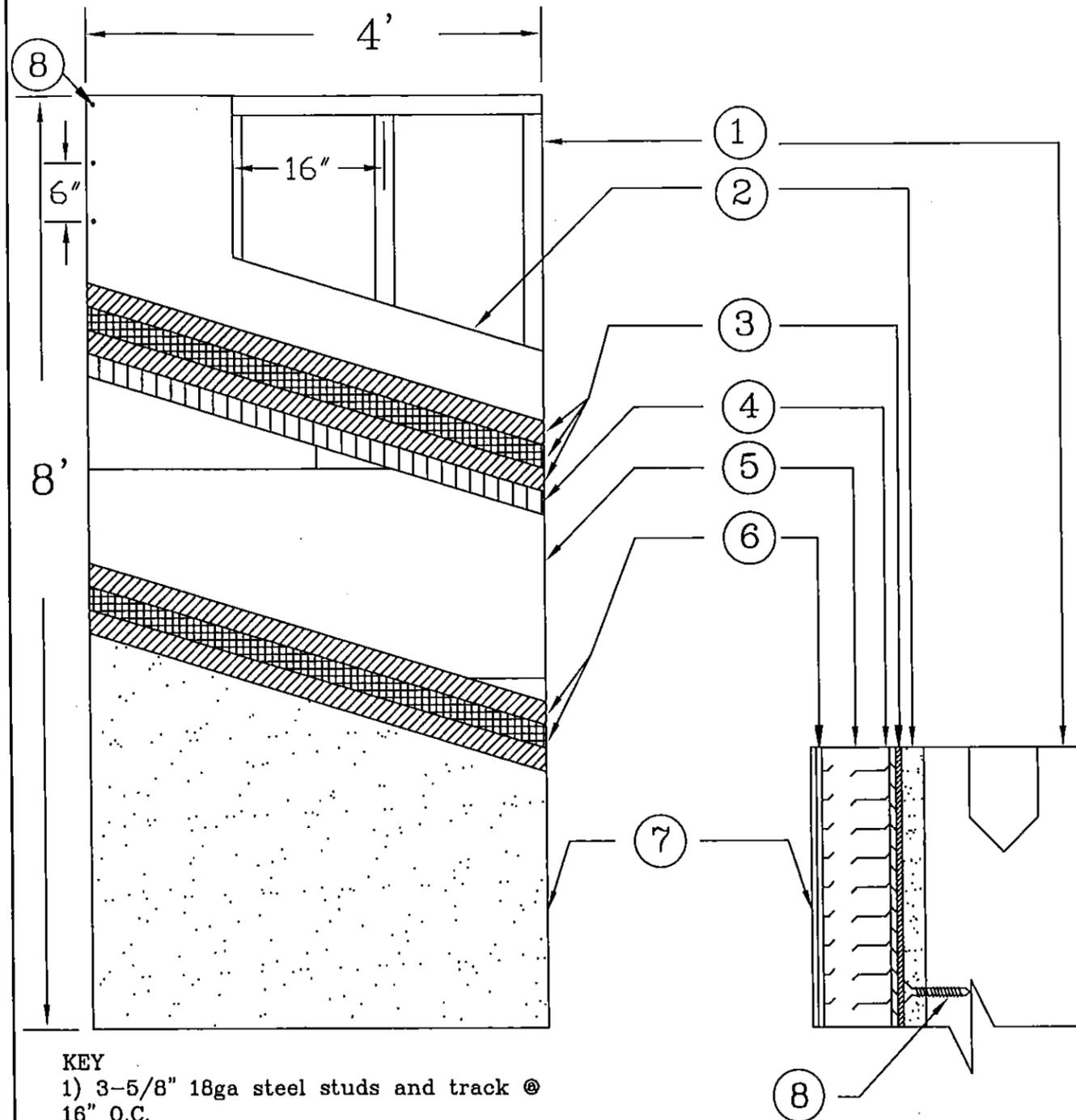
1.2.2. Insulation Board—Minimum 1" thick EPS in compliance with ASTM C 578 type 1, 1lb cu ft density by Carpenter under Notice of Acceptance #06-1011.05 or other EPS supplier with valid Miami-Dade County NOA. The Sto Adhesive is applied to the back of the insulation board using a 1/2" x 1/2" U shaped notched trowel. Uniform ribbons of adhesive are formed on the insulation board parallel to the short dimension of the board. Ribbons are oriented vertically when insulation is installed to provide drainage. 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.

1.2.3. Sto Mesh—Apply mixed Sto base coat by trowel to insulation board to a nominal thickness of 1/16" and embed Sto E Mesh (4.5oz/yd²) working from center to edge and allow to dry.

1.2.4. Sto Finish—A ready mixed, acrylic based, textured wall coating. Sto finish is mixed with a high speed electric mixer and applied by trowel to a nominal 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 current Florida Building Code and the latest supplement(s).
- 2) This system has been tested in accordance with the Florida Building Code Test Protocols TAS-201, TAS-202, and TAS-203 Large Missile Impact Structural and Cyclic Testing.
- 3) This system shall be installed by a licensed plastering contractor following the recommendations of Sto Corp, this notice of acceptance and the applicable sections of the 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 min 1-5/8" min. flange width and have minimum yield strength of 33000 PSI.
- 8) Details on page No. 2 and 3 are typical and show intent to prevent water infiltration into and behind the system. Alternate detailing and specific conditions not covered by the typical details are the responsibility of the licensed design professional in consultation with Sto Corp.



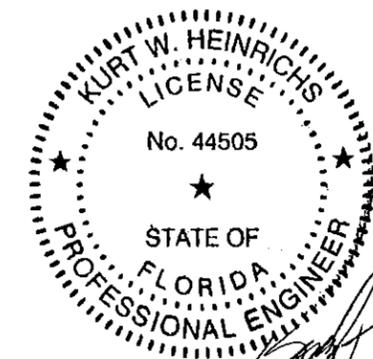
NOT TO SCALE

Design Pressure Rating
+/-80 PSF
Large Missile Impact Resistance

KEY

- 1) 3-5/8" 18ga steel studs and track @ 16" O.C.
- 2) 1/2" ASTM C 1177 sheathing
- 3) Sto Armor Mat XX Mesh (20oz/yd²) and Sto base coat
- 4) Sto Adhesive
- 5) EPS Board @ minimum 1" thick
- 6) Sto base coat with Sto Mesh (4.5oz/yd²) embedded
- 7) Sto Finish
- 8) #8 1-1/4" Wafer-head Screws @ 6" O.C. in field and perimeter

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 15-0603.07
Expiration Date 09/14/2018
By [Signature]
Miami Dade Product Control



Sto Corp.

3800 Camp Creek Parkway
Building 1400, Suite 120
Atlanta, GA 30331

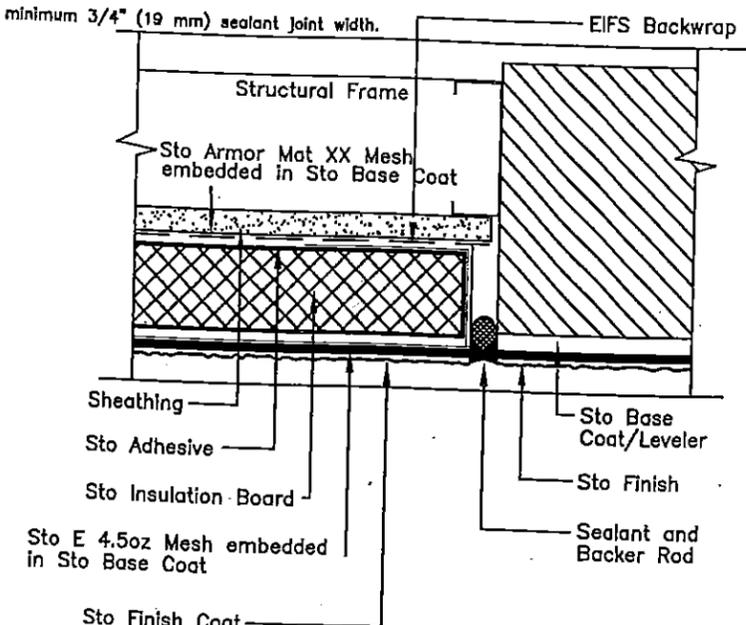
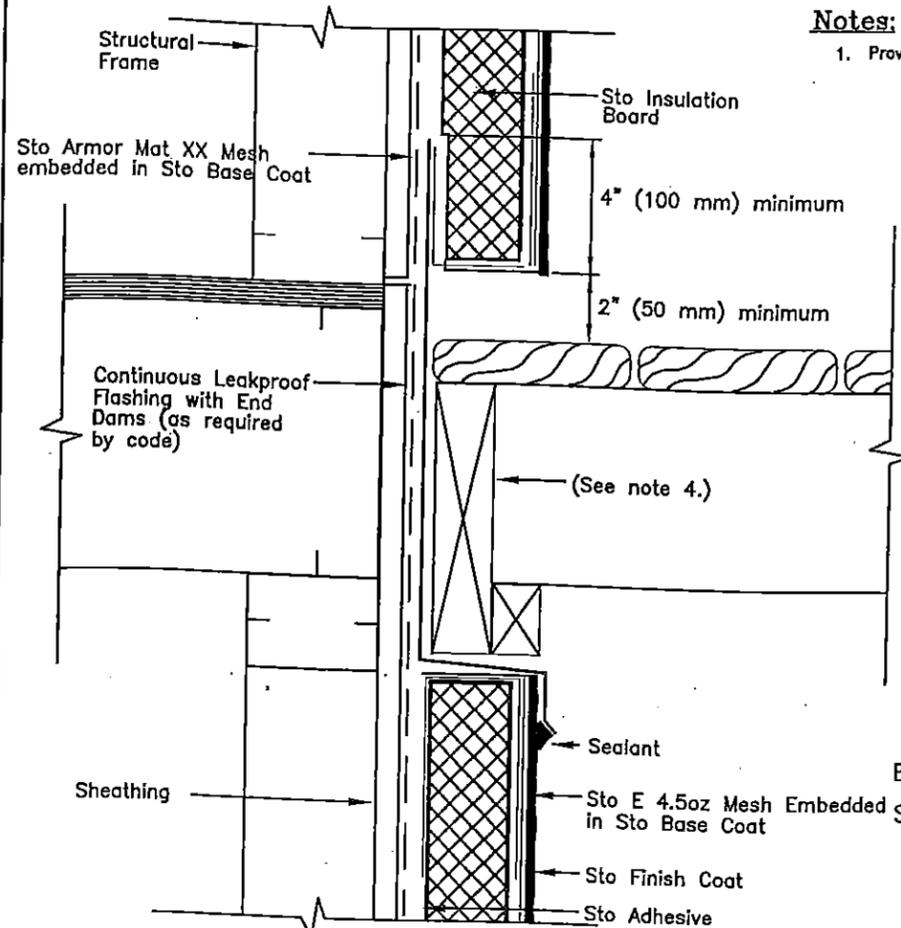
for
StoTherm ci LM.80.USG

Large Missile
Impact Resistance
Page No. 1 of 3

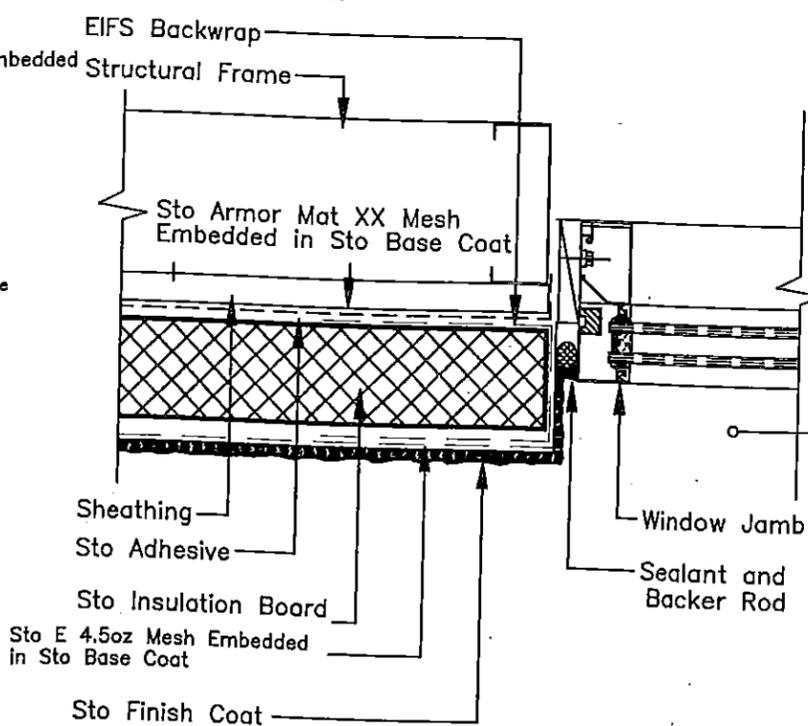
Date: 10/21/14
Not to Scale

Notes:

1. Provide minimum 3/4" (19 mm) sealant joint width.



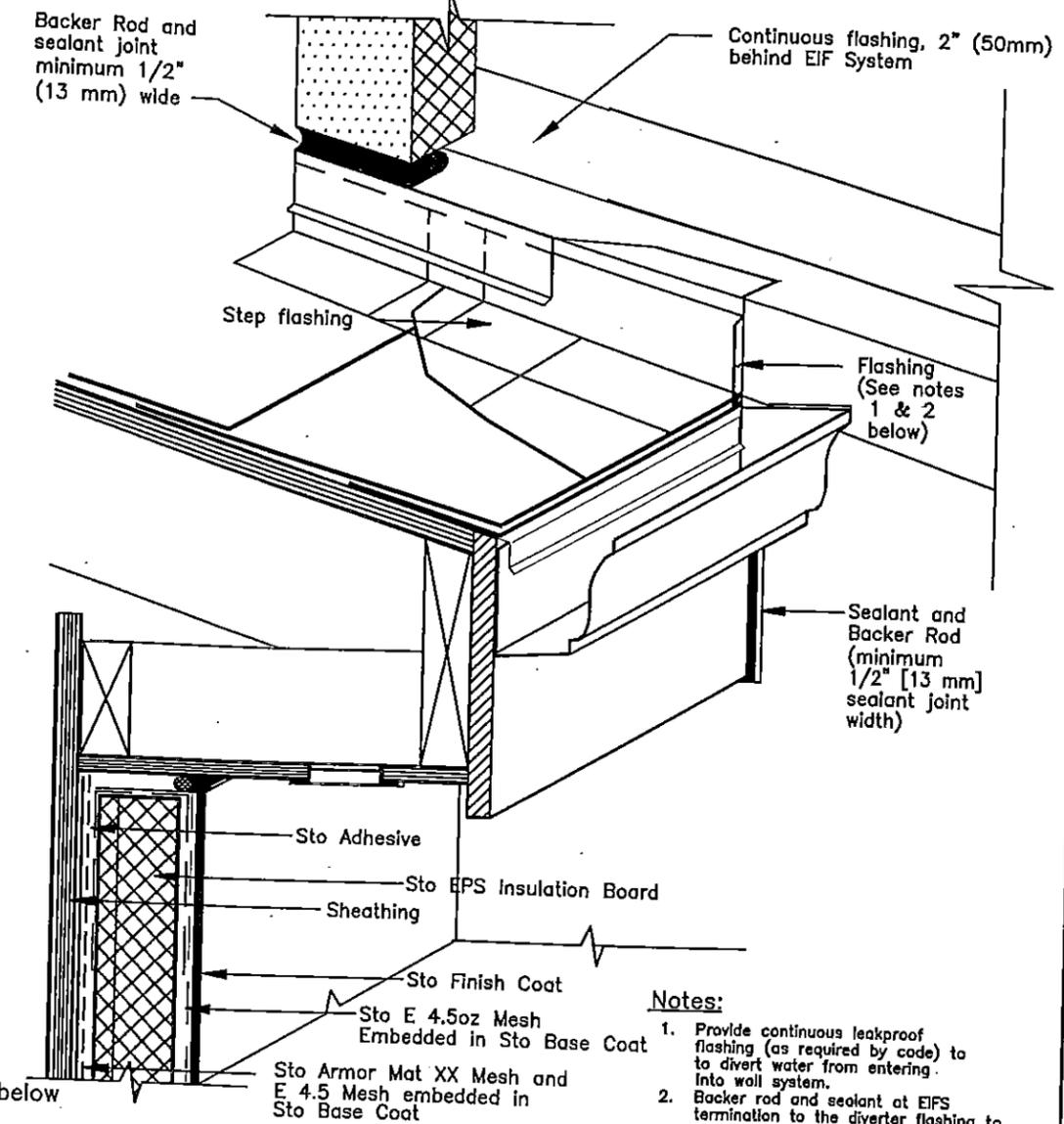
CONSTRUCTION JOINT
N.T.S.



Notes:

1. Provide minimum 3/4" (19 mm) depth from back of insulation board to face of window frame for sufficient depth to install sealant.
2. Provide minimum 1/2" (13 mm) sealant joint width.

WINDOW JAMB
N.T.S.



OVERHANG
N.T.S.

Notes:

1. Provide continuous leakproof flashing (as required by code) to divert water from entering into wall system.
2. Backer rod and sealant at EIFS termination to the diverter flashing to prevent water from penetrating behind EIFS.

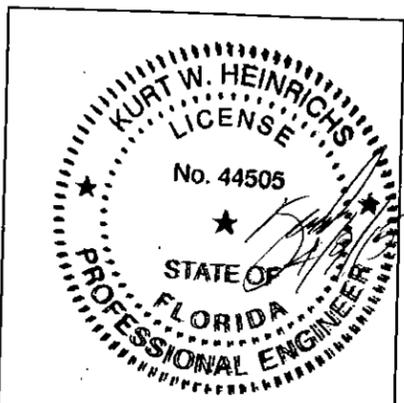
Notes:

1. Seal penetrations through flashing where attached to framing.
2. Distance of EIFS to deck varies with climate. Allow sufficient distance to prevent snow/ice and puddling water against system.
3. Provide end dams where flashings terminate at ends of deck.
4. Pressure treated wood (space from flashing or rout backside to provide drainage).

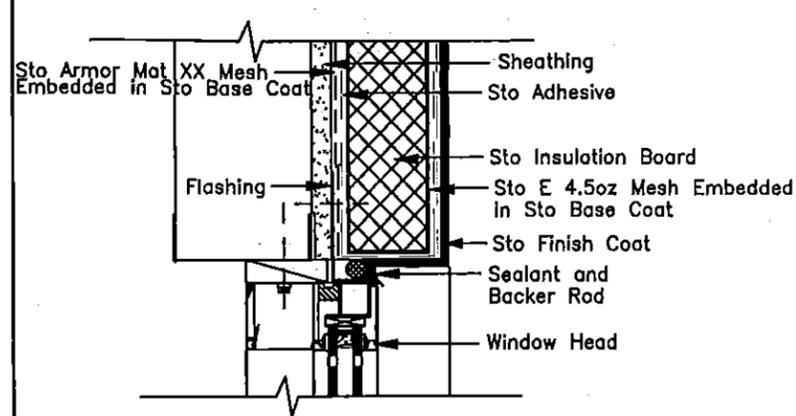
TERMINATION AT DECK
N.T.S.

TYPICAL DETAILS

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 15-0603.07
Expiration Date 05/14/2018
By *[Signature]*
Miami District Product Control



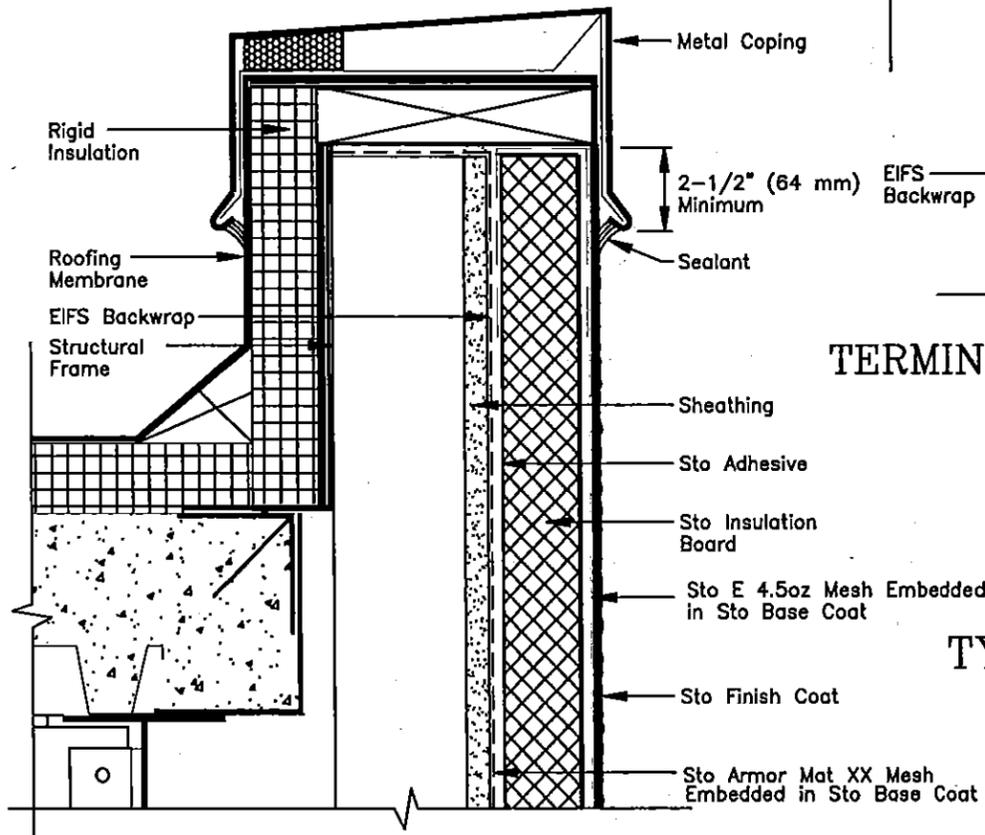
Sto Corp.
3800 Camp Creek Parkway
Building 1400, Suite 120
Atlanta, GA 30331
for
StoTherm ci LM.80.USG
Large Missile
Impact Resistance
Page No. 2 of 3
Date: 10/24/14
Not to Scale



Notes:

1. Provide minimum 3/4" (19 mm) depth from back of insulation board to face of window frame for sufficient depth to install sealant.
2. Provide minimum 1/2" (13 mm) sealant joint width.
3. Provide flashing as secondary barrier at sealant joint when called for by design professional.

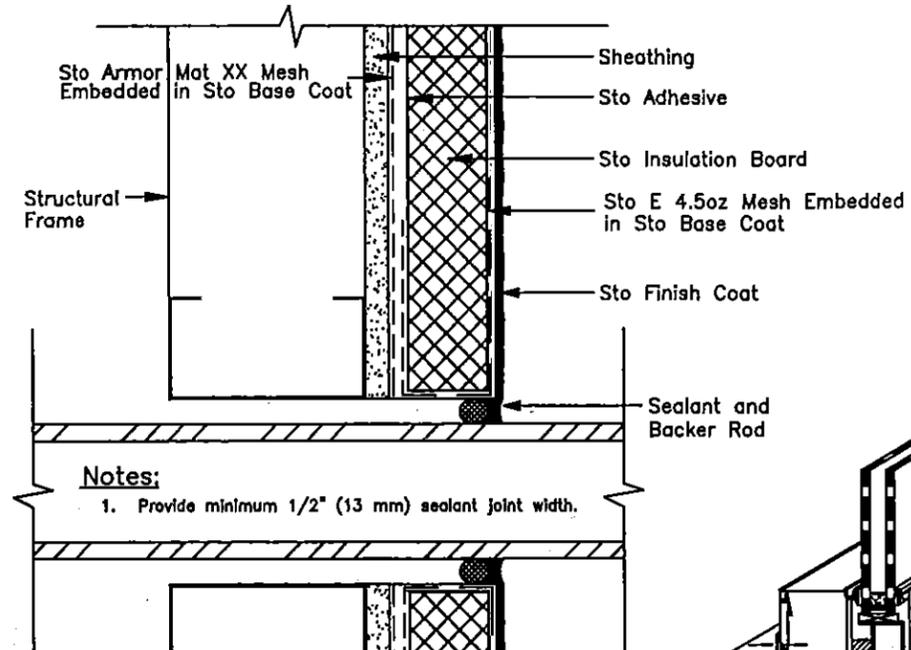
**WINDOW HEAD
N.T.S.**



Notes:

1. Protect exposed EIF System at parapet from weather damage during construction until permanently protected with coping.
2. Extend dimension of coping overlap for multi-story construction/coastal regions to prevent wind driven rain from entering behind system.

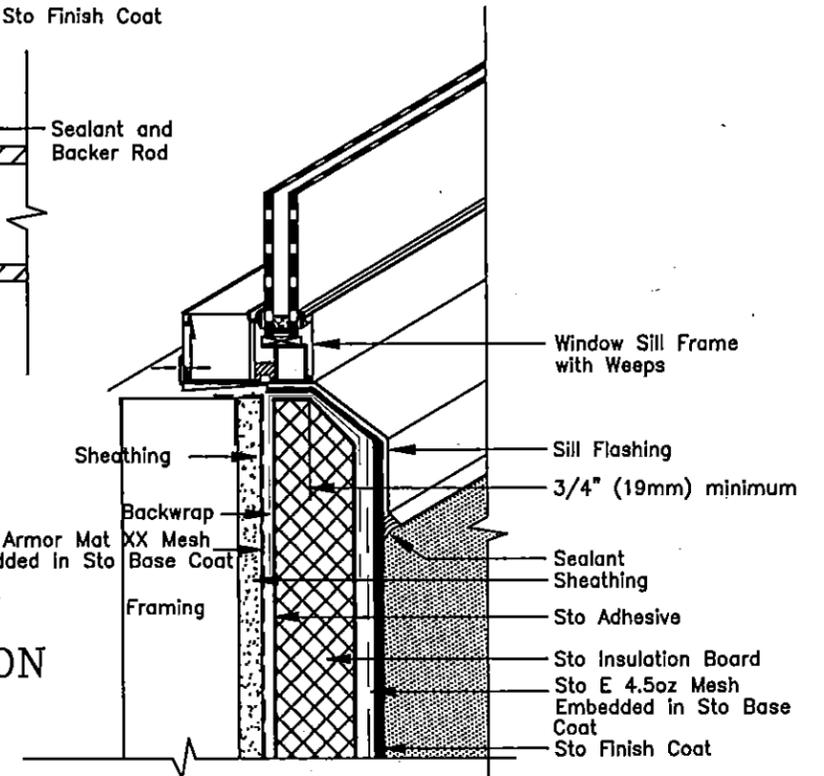
**PARAPET
N.T.S.**



Notes:

1. Provide minimum 1/2" (13 mm) sealant joint width.

**TERMINATION AT PENETRATION
N.T.S.**



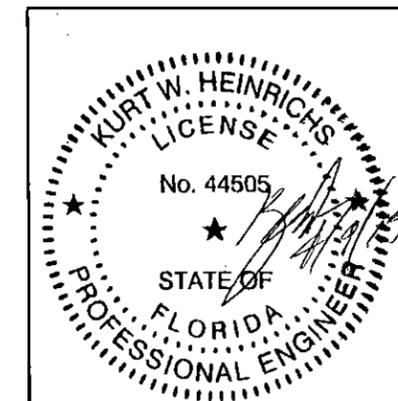
Notes:

1. Protect exposed EIF System at sill from weather damage during construction until permanently protected with sill flashing and sealant.
2. Pan up flashing @ jamb.

**WINDOW SILL
N.T.S.**

TYPICAL DETAILS

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 15-0603-07
Expiration Date 02/14/2018
By [Signature]
Miami Dade Product Control



Sto Corp.
3800 Camp Creek Parkway
Building 1400, Suite 120
Atlanta, GA 30331
for
StoTherm ci LM.80.USG
Large Missile
Impact Resistance
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Date: 10/27/14
Not to Scale