



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](http://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: Sto Therm ci LM 180 CMU EIF System – L.M.I.**

**APPROVAL DOCUMENT:** Drawing titled “Sto Therm ci LM. 180. CMU. D”, sheets 1 through 3 of 3, prepared by Sto Corporation, dated 10/21/2014, prepared by Sto Corporation, signed and sealed by Kurt W. Heinrichs, P.E., bearing the Miami-Dade County Product Control approval stamp with the Notice of Acceptance number and approval 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 consists of this page 1 and evidence page E-1, as well as approval document mentioned above. The submitted documentation was reviewed by **Carlos M. Utrera, P.E.**



*[Handwritten Signature]*  
05/15/2015

NOA No. 15-0226.03  
Expiration Date: May 21, 2020  
Approval Date: May 21, 2015  
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**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Drawing titled "Sto Therm ci LM. 180. CMU. D", sheets 1 through 3 of 3, prepared by Sto Corporation, dated 10/21/2014, prepared by Sto Corporation, signed and sealed by Kurt W. Heinrichs, P.E.

**B. TESTS**

1. Test reports on 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94  
2) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
along with marked-up drawings and installation diagram of a Sto Therm ci HI-CM-180 EIFS over CMU, prepared by Intertek/Architectural Testing, Inc., Test Report No. **D7521.01-550-18**, dated 09/12/2014, signed and sealed by Shawn G. Collins, P.E.

**C. CALCULATIONS**

1. None.

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. **11-1222.01**, issued to Carpenter Company, for their Carpenter EPS Block Type Insulation, approved on 11/29/2012, and expiring on 04/11/2017.

**F. STATEMENTS**

1. Statement letter of code conformance to the 2010 and 5<sup>th</sup> edition (2014) FBC issued by NOVA Engineering and Environmental, dated 02/16/2015, signed and sealed by Kurt W. Heinrichs, P.E.
2. Statement letter of no financial interest issued by NOVA Engineering and Environmental, dated 02/16/2015, signed and sealed by Kurt W. Heinrichs, P.E.



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Carlos M. Utrera, P.E.  
Product Control Examiner  
NOA No. 15-0226.03  
Expiration Date: May 21, 2020  
Approval Date: May 21, 2015

**DESIGN PRESSURE RATING -180 psf**

**DESCRIPTION**

1.1 Sto Insulation and Finish System, StoTherm ci HI-CM 180

1.1.1 Sto Insulation (Carpenter) EPS Expanded Polystyrene insulation minimum 1" thick with a density of 1 pcf as approved by Miami-Dade County NOA #11-1222.01 or others approved by Miami-Dade County.

1.1.2 Sto Gold Coat is a ready mixed roller or spray applied waterproof air barrier membrane coating.

1.1.3 Sto Primer/Adhesive-B (No. 80101) is a polymer modified cement based material used as an adhesive and base coat in Sto systems.

1.1.4 Sto reinforcing mesh (No. 80920) is a glass fiber fabric used for impact resistance of the Sto systems.

1.1.5 Sto textured finishes used as decoration and protection with the Sto systems.

**1.2 Application**

1.2.1 The exposed CMU surface is cleaned to remove any bond inhibiting particles from the application surface.

1.2.2 Apply Sto Gold Coat by roller or spray to a minimum thickness of 10 to 30 wet mils. Apply additional coating as needed to provide a continuous void and pinhole free film.

1.2.3 The Sto Primer/Adhesive-B (No. 101) is mixed with 7-9 quarts of water using a clean high-speed electric drill and paddle. The mixture is allowed to set for approximately 5 minutes and then remixed to a uniform consistency. The adhesive is applied to the back of the insulation board using a 5/8" x 5/8" square notch 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.

1.2.4 The insulation board, minimum 1" thick is applied to the CMU surface horizontally with staggered joints. Uniform pressure is applied to the insulation board to ensure proper adhesion to the CMU surface. Once the entire surface of the CMU is covered with the insulation board, it is left overnight to dry.

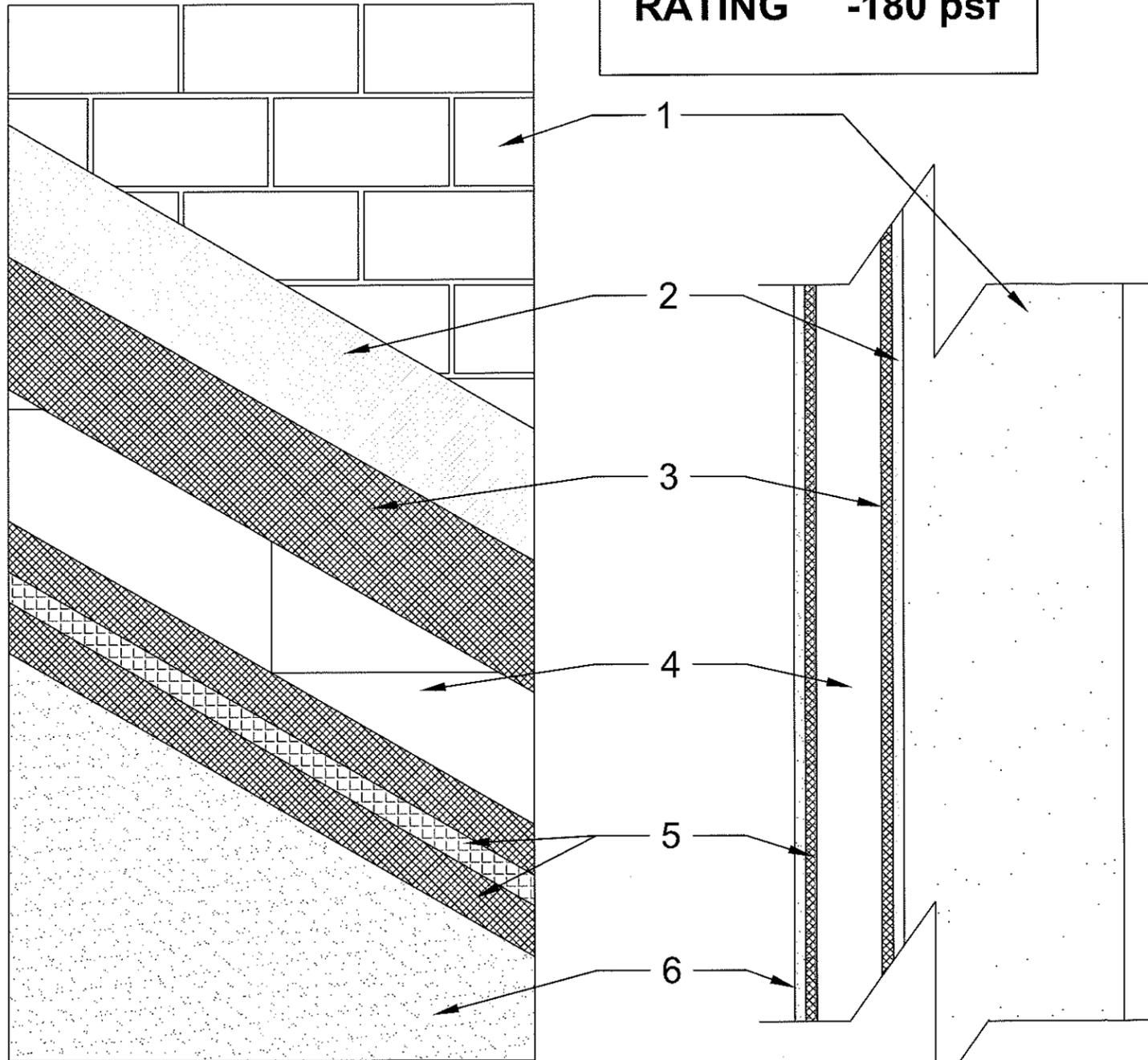
1.2.5 The Sto Primer/Adhesive-B (No. 101) is mixed with 7-9 quarts of water using a clean high-speed electric drill and paddle. The mixture is allowed to set for approximately 5 minutes and then remixed to a uniform consistency. A 1/8" thick layer is applied to the exposed surface of the insulation board using a stainless steel trowel.

1.2.6 Sto Mesh is embedded in the wet Primer/Adhesive-B by troweling from the center of the mesh to the edges of the mesh and the excess Primer/Adhesive-B is removed to provide a total minimum 1/16" thickness of the reinforced base coat. This process is repeated until the entire exposed area of the insulation board is covered with base coat and mesh, which is then allowed to dry for a minimum of 12 hours.

1.2.7 A minimum 1/16" coat of Sto textured finish is applied to the entire surface after the base coat is dry

**GENERAL NOTES**

- 1) This system has been designed in accordance with the 2014 Florida Building Code.
- 2) This system has been tested in accordance with the Florida Building Code Protocols TAS-202 and TAS-203 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 applicable sections of the Florida Building Code.
- 4) The engineer and/or architect of record for each project using this system shall ensure conformance as required by governing codes and this document.
- 5) Insulation boards shall be placed in a running board pattern.
- 6) All concrete masonry units shall comply with ASTM C90 and Type S mortar per ASTM C270.
- 7) Details on page No.'s 2 and 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.



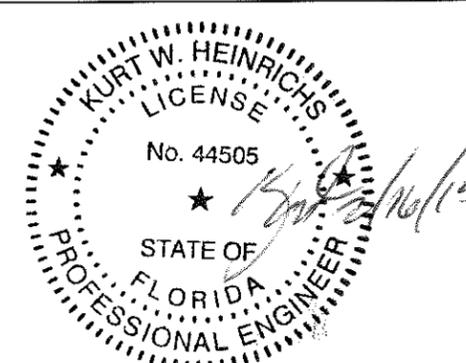
**NOT TO SCALE**

**KEY**

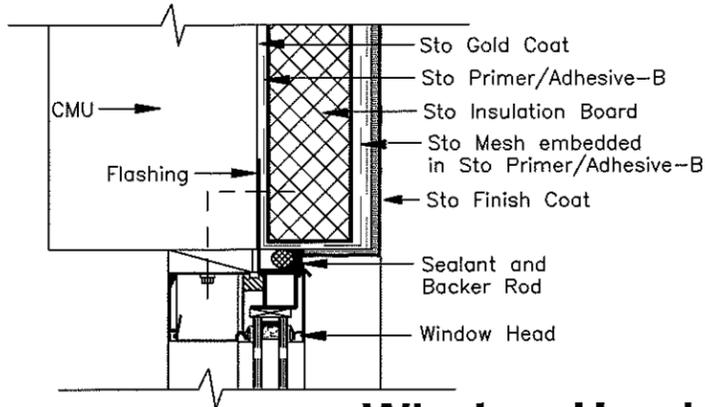
- 1) Nominal 8" minimum hollow core concrete blocks
- 2) Sto Gold Coat
- 3) Sto Primer/Adhesive-B
- 4) EPS board @ 1" thick & 1pcf by Carpenter or other Miami-Dade County approved EPS molder.
- 5) Sto Primer/Adhesive-B (No. 80101) with Sto Mesh (No. 920) embedded
- 6) Sto Textured Finish

Approved as complying with the Florida Building Code  
 Date 05/21/2015  
 NOA# 15-0226.03  
 Miami Dade Permit Control

By *[Signature]*



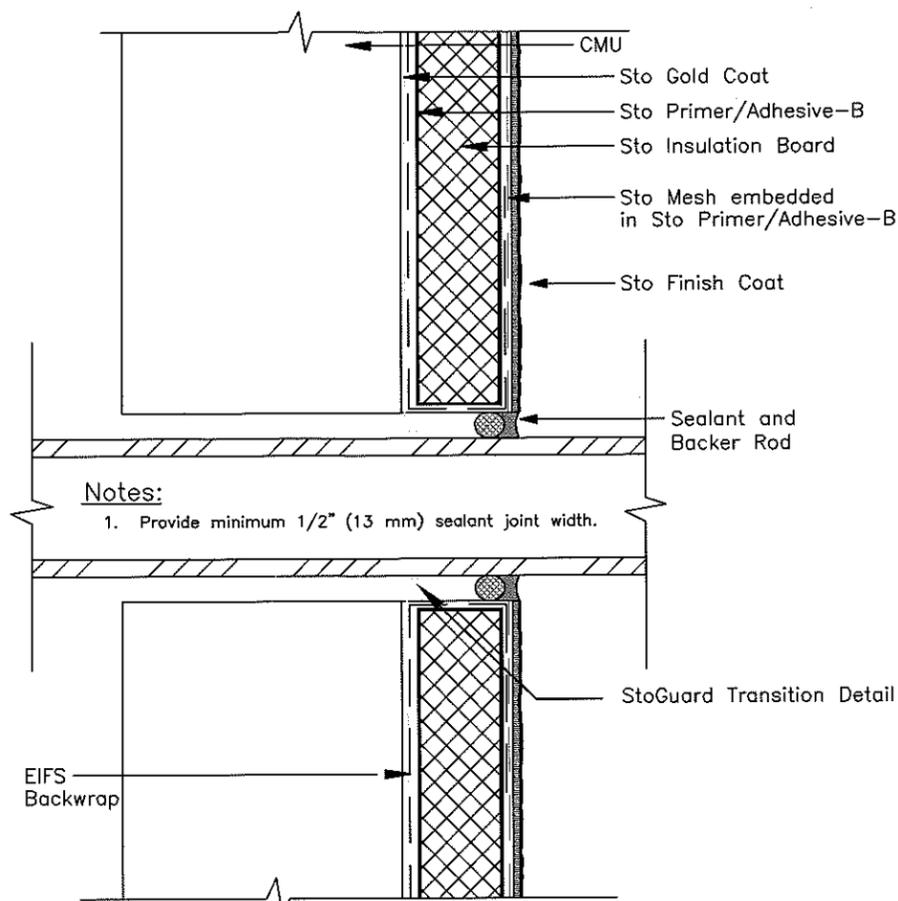
**Sto Corp.**  
 3800 Camp Creek Parkway  
 Building 1400, Suite 120  
 Atlanta, GA 30331  
 for  
 StoTherm ci LM.180.CMU.D  
 Large Missile Impact Resistance  
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 10/21/14  
 Not to Scale



**Window Head  
N.T.S**

**Notes:**

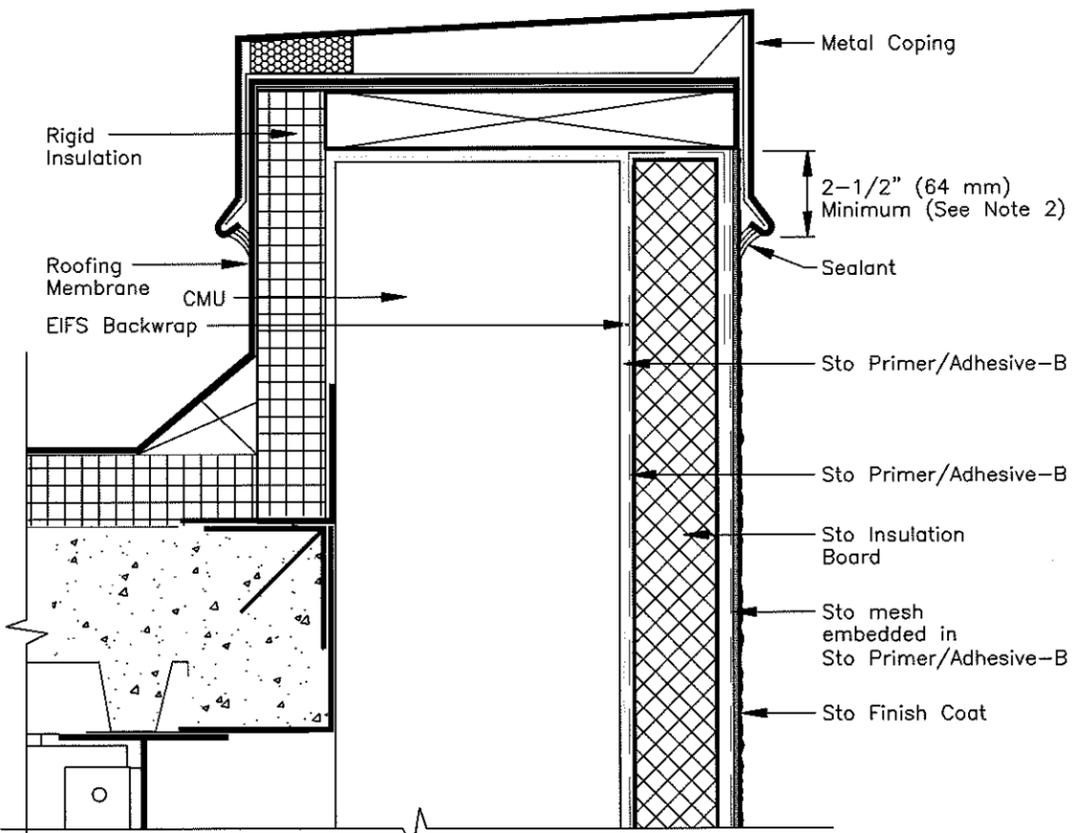
1. Provide minimum 3/4" (19 mm) depth from back of insulation board to face of window frame for sufficient depth to install sealant.
2. Provide minimum 1/2" (13 mm) sealant joint width.
3. Provide flashing as secondary barrier at sealant joint.



**Termination at Penetration  
N.T.S**

**Notes:**

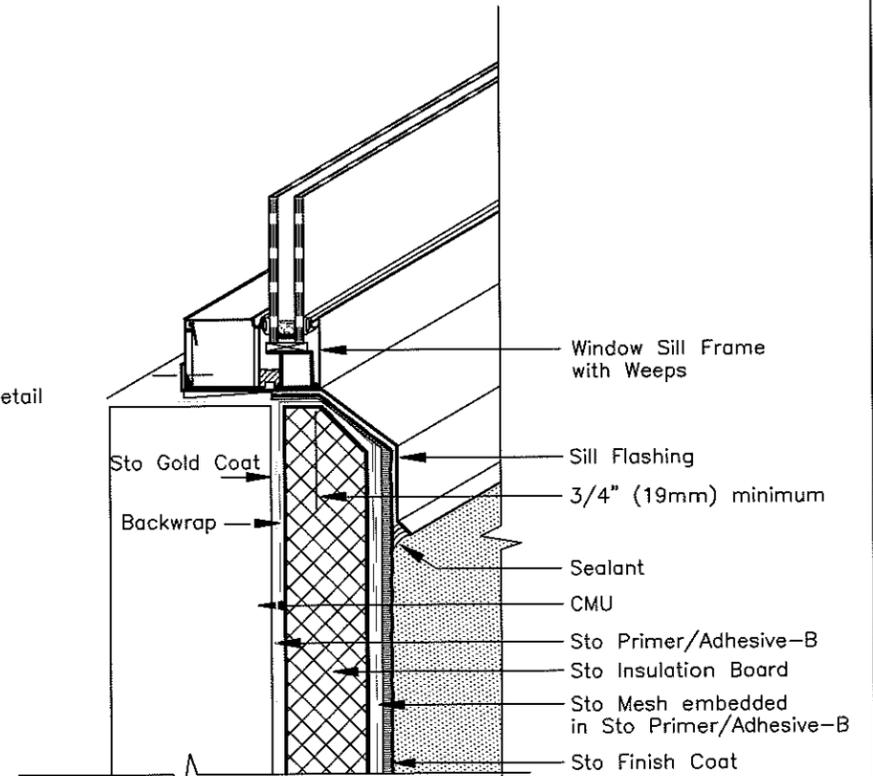
1. Provide minimum 1/2" (13 mm) sealant joint width.



**Parapet  
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.



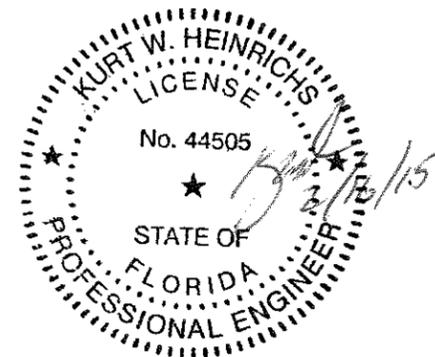
**Window Sill  
N.T.S**

**Notes:**

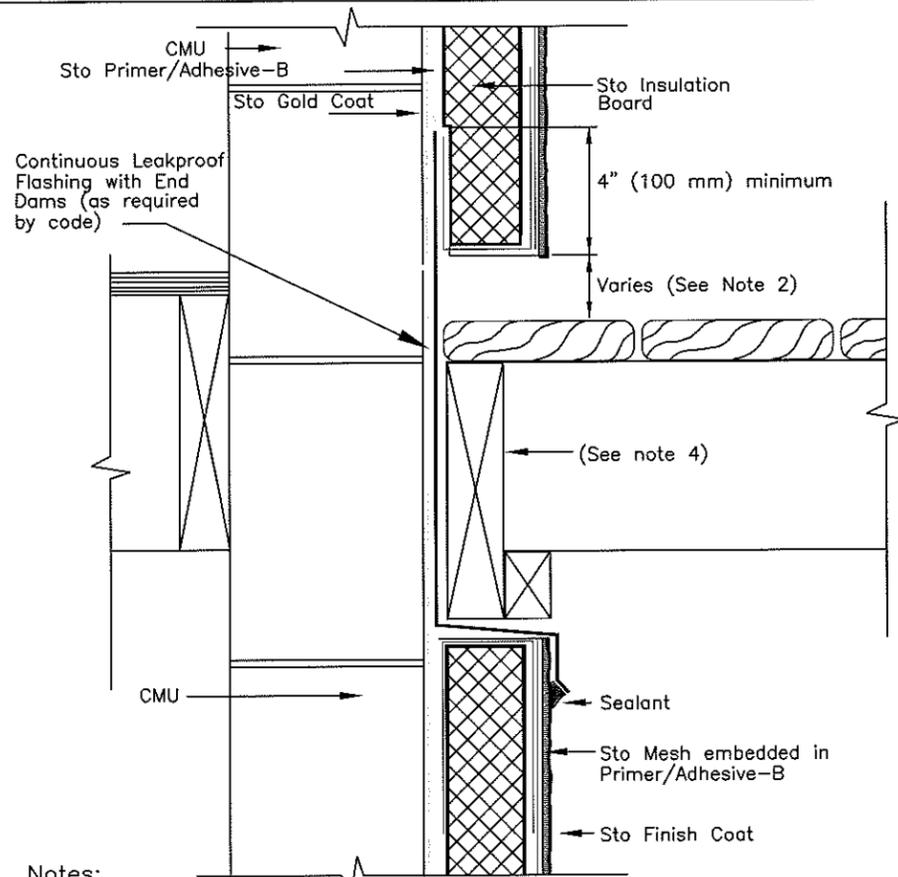
1. Protect exposed EIF System at sill from weather damage during construction until permanently protected with sill and sealant.
2. Pan up and seal flashing @ jamb.

**Typical Details**

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Florida Building Code  
Date 05/21/2015  
NOA# 15-0226-03  
Miami Dade Product Control  
By *[Signature]*



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3800 Camp Creek Parkway  
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Large Missile Impact Resistance  
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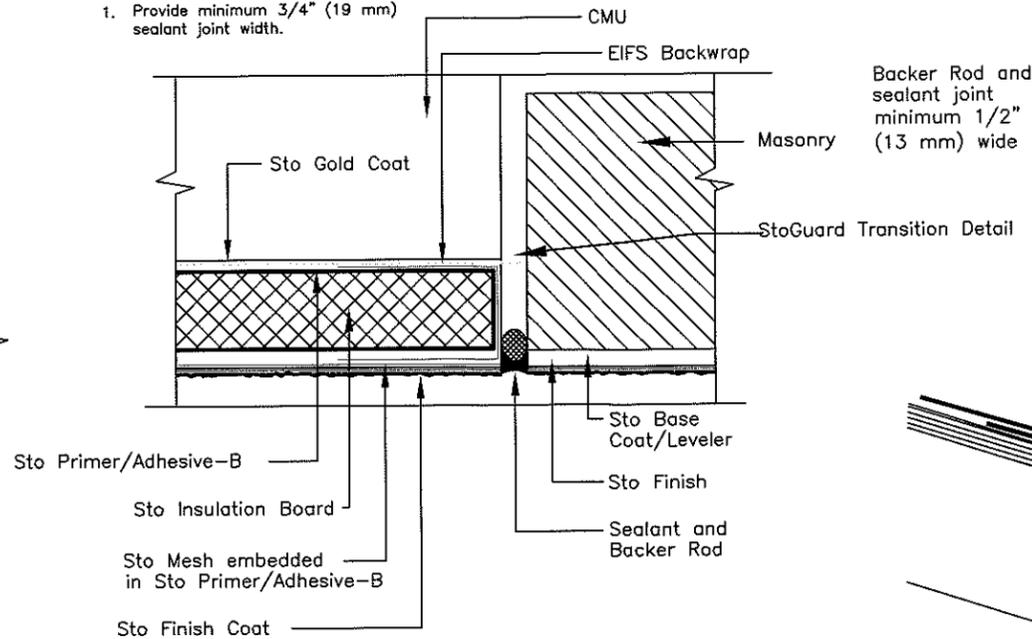
**Notes:**

1. Seal penetrations through flashing where attached to CMU.
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).

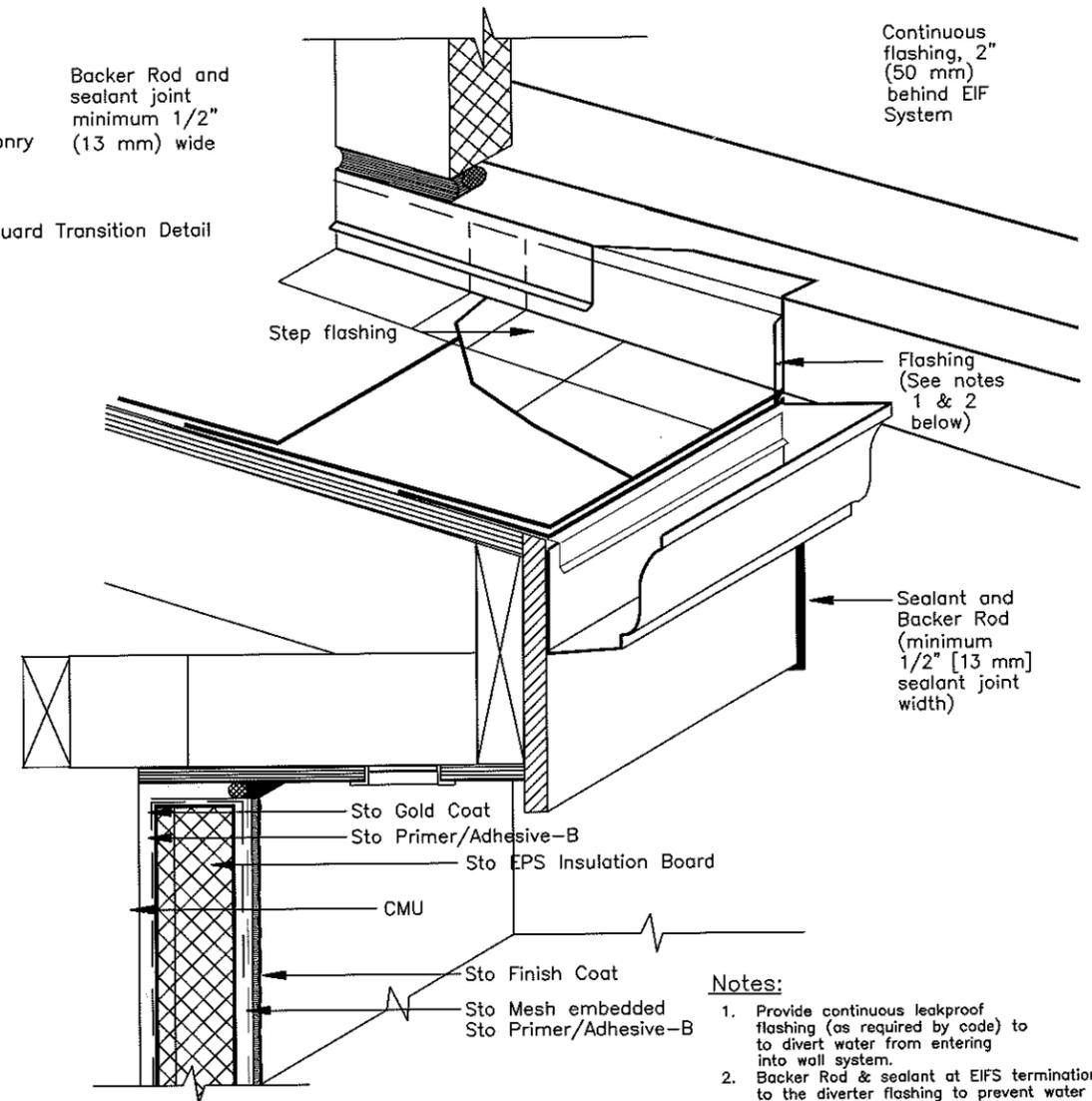
**Termination at Deck  
N.T.S.**

**Notes:**

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



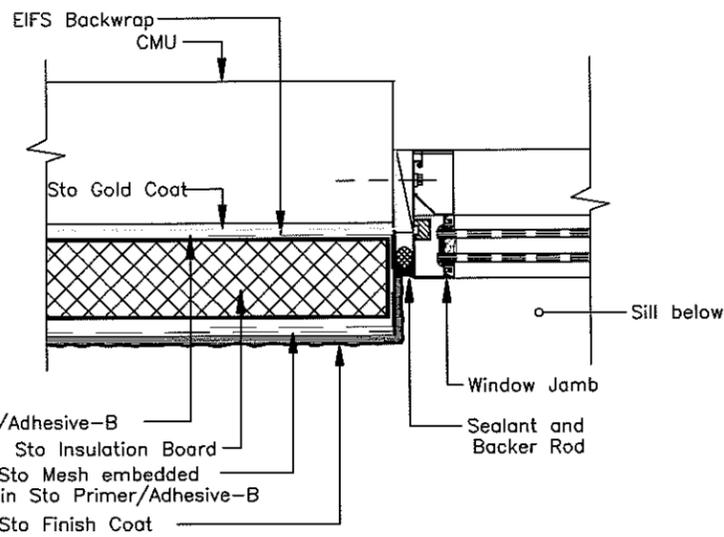
**Construction Joint  
N.T.S.**



**Notes:**

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

**Overhang  
N.T.S.**



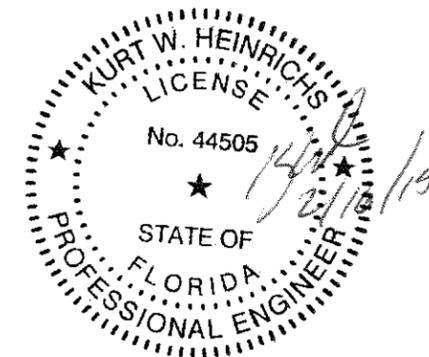
**Notes:**

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.**

**Typical Details**

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 Miami Date Product Control  
 By *[Signature]*



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