MIAMI-DADE COUNTY

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: Sto Powerwall HI Wall Panel System

APPROVAL DOCUMENT: Drawing No. titled "Sto Powerwall HI", sheets 1 through 3 of 3, prepared by the manufacturer, 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, model (Powerwall HI), 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 mat or 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 # 12-0821.15** and 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.**

MIAMI-DADE COUNTY APPROVED

08/11/2015

NOA No. 15-0603.06
Expiration Date: August 2, 2017
Approval Date: August 20, 2015
Page 1

Sto Corporation

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS
1. Drawing titled "Sto Powerwall HI", sheets 1 through 3 of 3, prepared by the manufacturer, dated 10/21/2014, signed and sealed by Kurt W. Heinrichs, P.E.

B. TESTS *"Submitted under NOA # 07-0625.11"*
1. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of Powerwall HI Wall Panels, prepared by Hurricane Test Laboratory, LLC, Test Report No. **G064-0101-07**, dated 01/15/2007, signed and sealed by Vinu J. Abraham, P.E.

C. CALCULATIONS
1. None.

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

E. MATERIAL CERTIFICATIONS
1. None

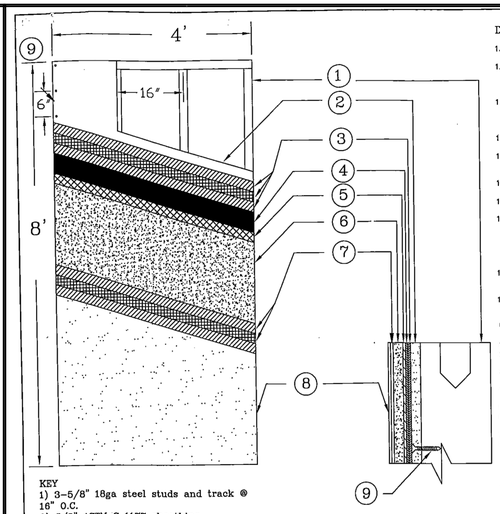
F. STATEMENTS
1. Statement letter of code conformance to the 5th edition (2014) FBC issued by NOVA Engineering and Environmental, dated 04/09/2015, signed and sealed by Kurt W. Heinrichs, P.E.

"Submitted under NOA # 07-0625.11"
2. Code compliance letter issued by Hurricane Test Laboratory, LLC, dated 01/15/2007, signed and sealed by Vinu J. Abraham, P.E.
3. No financial interest and code compliance letter issued by Cerny & Ivey Engineers, Inc., dated 06/07/2007, signed and sealed by Christopher B. Shiver, P.E.

08/11/2015

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 15-0603.06
Expiration Date: August 2, 2017
Approval Date: August 20, 2015

E-1



KEY
1) 3-5/8" 18ga steel studs and track @ 16" O.C.
2) 5/8" ASTM C 1177 sheathing
3) Sto Armor Mat XX Mesh (20oz/yd²) and Sto base coat
4) One layer, Type D, No. 15 asphalt saturated kraft building paper.
5) 2.5 lb/yd³ galvanized self-furring expanded metal lath.
6) Sto Powerwall Stucco, minimum 5/8" thick
7) Sto base coat with Sto Mesh (4.5oz/yd²) embedded
8) Sto Finish
9) #6 1-1/4" Bugle-head Screws @ 6" O.C. in field and perimeter

NOT TO SCALE

Design Pressure Rating
+/-90 PSF
Large Missile Impact Resistance

Description

1.1 Substrates 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" bugle head corrosion resistant 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. One layer of No. 15 building paper or other code–compliant water resistive barrier is applied to the surface of the cured base coat.

1.2.3. 2.5 lb/yd³ self–furring galvanized expanded metal lath is fastened to the studs at 7" O.C. with No. 6 x 1-5/8" round washer head screws.

1.2.4. Sto Powerwall Stucco is mixed with approximately 200 lbs of washed plaster sand and 4 gallons of water and applied to the metal lath in two applications. The first coat (scratch coat) shall be normally 3/8" thick and scored or scratched to provide bonding key. The second coat (brown coat) shall be applied to achieve a total thickness of 5/8" (measured from back of lath) and troweled smooth. The brown coat shall be applied as soon as the scratch coat is firm enough to support it. Alternatively, cure the scratch coat for 48 hours prior to proceeding with the brown coat.

1.2.5. Sto Mesh–Apply mixed Sto base coat by trowel to the Sto Powerwall brown coat to a nominal thickness of 1/16" and embed Sto Mesh (4.5oz/yd²) working from center to edge and allow to dry.

1.2.6. 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.

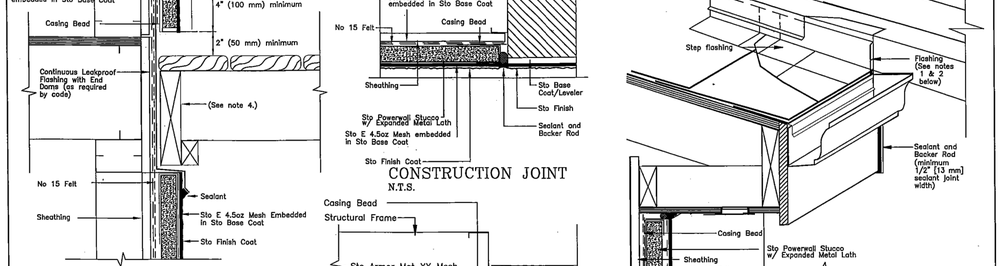
General Notes

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.

PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No: 15-0603.06
Expiration Date: 08/11/2017
By
Miami Dade Product Control

KURT W. HEINRICHS LICENSE No. 44505 STATE OF FLORIDA PROFESSIONAL ENGINEER

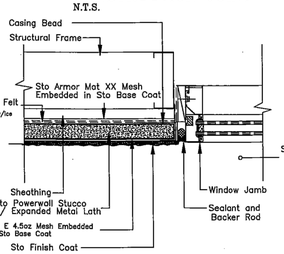
Sto Corp.
3800 Camp Creek Parkway
Building 1400, Suite 120
Atlanta, GA 30331
for
Sto Powerwall HI
Large Missile
Impact Resistance
Page No. 1 of 3
Date: 10/31/14
Not to Scale



Notes:
1. Seal penetrations through flashing where attached to framing.
2. Distance of Sto Powerwall 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.

CONSTRUCTION JOINT
N.T.S.



Notes:
1. Provide minimum 3/4" (19 mm) depth from back of Sto Powerwall Stucco 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.

Notes:
1. Provide continuous lockstrip flashing (as required by code) to shield water from entering into wall system.
2. Backer rod and sealant at Powerwall termination to the diverter flashing to prevent water from penetrating behind Powerwall stucco.

OVERHANG
N.T.S.

TYPICAL DETAILS

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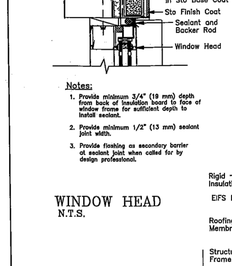
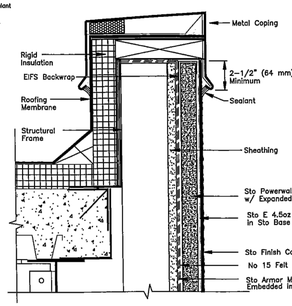


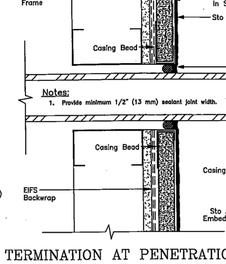
Notes:
1. Provide minimum 3/4" (19 mm) depth from back of insulation board to face of window frame for sufficient depth to install sealant.
2. Provide minimum 1/2" (13 mm) sealant joint width.
3. Provide flashing as secondary barrier at sealant joint when called for by design professional.

WINDOW HEAD
N.T.S.



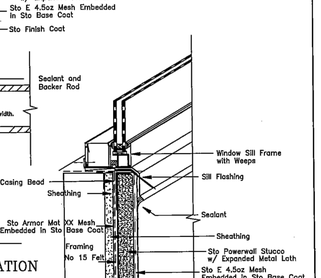
Notes:
1. Protect exposed Powerwall System at parapet from weather damage during construction until permanently protected with coping.
2. Extend dimension of coping overlap for multi–story construction/coastal regions to prevent wind driven rain from entering behind system.

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 Powerwall 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

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for
Sto Powerwall HI
Large Missile
Impact Resistance
Page No. 3 of 3
Date: 10/27/14
Not to Scale

PANDA EXPRESS CHINESE KITCHEN

PANDA RESTAURANT GROUP INC.
1683 Walnut Grove Ave.
Rosemead, California
91770
Telephone: 626.799.9898
Facsimile: 626.372.8288

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REVISIONS:

ISSUE DATE:

1st	ISSUE FOR BID & PERMIT	01-11-17

DRAWN BY: RR

PANDA PROJECT #: S8-17-D5197
ARCH PROJECT #: 1701

RANDY REYNOLDS ARCHITECT
1702 MILDARE COURT THOMPSONS STATION, TN 37179
PHONE (615) 591-0675 FAX (866) 584-1225

FL NOA DOCUMENTATION
FOR INFORMATION ONLY

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HIGHWAY 90 AT SHADOW OAK DRIVE
4890 HIGHWAY 90
PACE (MILTON), FL 32571
2200 TRUE WARM & WELCOME

NOA - 5

NOA DOCUMENTATION
EIFS SYSTEM