



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES
BOARD AND CODE ADMINISTRATION DIVISION

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

NOTICE OF ACCEPTANCE (NOA)

International Materials, Inc. dba Interlat, Inc.
2045 Placentia Avenue
Costa Mesa, CA 92627

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 High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Sure-Board Wall Sheathing System

APPROVAL DOCUMENT: Drawing No. 23-068, titled "Sure-Board Wall Sheathing System", sheets 1 through 5 of 5, prepared by Tilteco, Inc., dated July 07, 2023, last revision #1 dated July 07, 2023, signed and sealed by Walter A. Tillit Jr., P.E., on July 07, 2023 bearing the Miami-Dade County Product Control Renewal stamp with the Notice of Acceptance number and the expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each panel shall bear a permanent label with the manufacturer's name or logo, city, state and the 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. **An original signed and sealed company letter from Interlat, Inc. is required, providing that the Sure-Board Wall Sheathing System was purchased from them in order for this NOA to be valid on any job.**

This NOA **renews NOA #23-0726.09** and consists of this page 1, evidence submitted pages E-1, E-2, E-3, E-4, E-5 E-6 & E-7 as well as approval document mentioned above.

The submitted documentation was reviewed by **Helmy A. Makar, P.E., M.S.**



Helmy A. Makar
07/18/24

NOA No. 24-0410.02
Expiration Date: 06/13/2029
Approval Date: 07/18/2024
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #03-1015.08

A. DRAWINGS

1. *Drawing No. 02-385, titled " Wall Panel System ", sheets 1 through 10 of 10, prepared by Tilteco, Inc., dated July 11, 2002 with last revision #1 dated January 7, 2004, signed and sealed by Walter A. Tillit Jr., P.E.*

B. TEST

1. *Test report on Large Missile Impact test, Cyclic Wind Pressure test and Uniform Static Air Pressure test and Air & Water Infiltration tests and ASTM E 72-98 on Composite Wall Panels over Galvanized Steel Studs, prepared by American Test Lab of South Florida, report No. 0506.01-03, dated September 5, 2003, signed and sealed by William R. Mehner, P.E. and Henry Hattem, PE.*
2. *Addendum to report No. 0506.01-03, dated December 15, 2003, signed and sealed by William R. Mehner, P.E. and Henry Hattem, PE.*

C. CALCULATIONS

1. *Panel allowable calculation and Anchors' verification prepared by Walter A. Tillit Jr., P.E. dated august 27, 2003 signed and sealed by Walter A Tillit Jr., PE.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Building Code Compliance Office.*

E. MATERIAL CERTIFICATION

1. *Tensile test report of metal panel, prepared by Q. C. Metallurgical, Inc., dated August 4, 2003, signed and sealed by Frank E. Grate, Jr., P E.*
2. *Copy of N.O.A. # 00-1114.05.*

2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 05-0929.09

A. DRAWINGS

1. *Drawing No. 05-291, titled " Wall Panel System ", sheets 1 through 10 of 10, prepared by Tilteco, Inc., dated September 16, 2005 with last revision #1 dated September 16, 2005, signed and sealed by Walter A. Tillit Jr., P.E.*

B. TEST

1. *None.*

C. CALCULATIONS

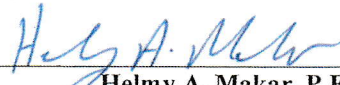
1. *Panel Anchors' verification per FBC 2004 edition prepared by Walter A. Tillit Jr., P.E. dated September 21, 2005 signed and sealed by Walter A Tillit Jr., PE.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Building Code Compliance Office.*

E. MATERIAL CERTIFICATION

1. *None.*



Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
NOA No. 24-0410.02
Expiration Date: 06/13/2029
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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

3. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 08-1126.08

A. DRAWINGS

1. *Drawing No. 08-219, titled "Sure-Board Wall Panel", sheets 1 through 10 of 10, prepared by Tilteco, Inc., dated October 01, 2008 with last revision #1 dated October 01, 2008, signed and sealed by Walter A. Tillit Jr., P.E., on December 15, 2008.*

B. TEST

1. *None.*

C. CALCULATIONS

1. *Calculation titled "Revision of Miami-Dade County Product Approval Anchor Calculations" by Walter A. Tillit Jr., P.E. dated November 24, 2008 signed and sealed by Walter A Tillit Jr., PE.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Building Code Compliance Office.*

E. MATERIAL CERTIFICATION

1. *Copy of N.O.A. # 05-0929.09*

4. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 10-0519.09

A. DRAWINGS

1. *Drawing No. 08-219, titled "Sure-Board Wall Panel", sheets 1 through 10 of 10, prepared by Tilteco, Inc., dated October 01, 2008 with last revision #2 dated June 28, 2010, signed and sealed by Walter A. Tillit Jr., P.E., on July 01, 2010.*

B. TEST

1. *None.*

C. CALCULATIONS

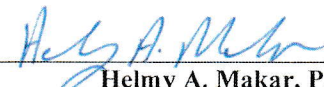
1. *None.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Building Code Compliance Office.*

E. MATERIAL CERTIFICATION

1. *Copy of N.O.A. # 08-1126.08*



Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
NOA No. 24-0410.02
Expiration Date: 06/13/2029
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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

5. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 12-0229.07

A. DRAWINGS

1. *Drawing No. 12-009, titled " Sure-Board Wall Panel ", sheets 1 through 10 of 10, prepared by Tilteco, Inc., dated January 17, 2012 with last revision #1 dated January 17, 2012, signed and sealed by Walter A. Tillit Jr., P.E., on January 25, 2012.*

B. TEST

1. *None.*

C. CALCULATIONS

1. *None.*

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATION

1. *None.*

F. OTHERS

1. *Florida Building Code, 2010 Edition Compliance letter, issued by Tilteco, Inc., dated February 01, 2012, signed and sealed by Walter A. Tillit Jr., P.E.*

6. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 14-1030.12

A. DRAWINGS

1. *Drawing No. 13-089, titled " Sure-Board Wall Panel ", sheets 1 through 10 of 10, prepared by Tilteco, Inc., dated December 09, 2013 with revision #1 dated December 09, 2013, signed and sealed by Walter A. Tillit Jr., P.E., on October 20, 2014.*

B. TEST

1. *None.*

C. CALCULATIONS

1. *None.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Department of Regulatory and Economic Resources.*

E. MATERIAL CERTIFICATION

1. *None.*

F. OTHERS

1. *Florida Building Code, 2010 Edition Compliance letter, issued by Tilteco, Inc., dated October 17, 2014, signed and sealed by Walter A. Tillit Jr., P.E.*



Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
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International Materials, Inc. dba Intermat, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

7. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 15-0601.10

A. DRAWINGS

1. *Drawing No. 15-149, titled "Sure-Board Wall Panel", sheets 1 through 10 of 10, prepared by Tilteco, Inc., dated May 22, 2015 with revision #1 dated May 22, 2015, signed and sealed by Walter A. Tillit Jr., P.E., on May 26, 2015.*

B. TEST

1. *None.*

C. CALCULATIONS

1. *None.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Department of Regulatory and Economic Resources.*

E. MATERIAL CERTIFICATION

1. *None.*

F. OTHERS

1. *Florida Building Code, 2014 Edition Compliance letter, issued by Tilteco, Inc., dated May 21, 2015, signed and sealed by Walter A. Tillit Jr., P.E.*

8. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 18-0905.10

A. DRAWINGS

1. *Drawing No. 18-088, titled "Sure-Board Wall Panel", sheets 1 through 10 of 10, prepared by Tilteco, Inc., dated August 27, 2018 with revision #1 dated August 27, 2018, signed and sealed by Walter A. Tillit Jr., P.E., on August 28, 2018.*

B. TEST

1. *None.*

C. CALCULATIONS

1. *None.*

D. QUALITY ASSURANCE

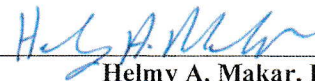
1. *By Miami-Dade County Department of Regulatory and Economic Resources.*

E. MATERIAL CERTIFICATION

1. *None.*

F. OTHERS

1. *Florida Building Code, 2017 Edition Compliance letter, issued by Tilteco, Inc., dated August 27, 2018, signed and sealed by Walter A. Tillit Jr., P.E.*



**Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor**

NOA No. 24-0410.02

Expiration Date: 06/13/2029

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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

9. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 19-0213.08

A. DRAWINGS

1. *Drawing No. 19-003, titled "Sure-Board Wall Sheathing System", sheets 1 through 5 of 5, prepared by Tilteco, Inc., dated January 10, 2019, signed and sealed by Walter A. Tillit Jr., P.E., on February 08, 2019.*

B. TEST

1. *None.*

C. CALCULATIONS

1. *None.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Department of Regulatory and Economic Resources.*

E. MATERIAL CERTIFICATION

1. *None.*

F. OTHERS

1. *Florida Building Code, 2017 Edition Compliance letter, issued by Tilteco, Inc., dated January 22, 2019, signed and sealed by Walter A. Tillit Jr., P.E.*

10. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 20-0219.02

A. DRAWINGS

1. *Drawing No. 19-003, titled "Sure-Board Wall Sheathing System", sheets 1 through 5 of 5, prepared by Tilteco, Inc., dated January 10, 2019, last revision #1 dated February 03, 2020, signed and sealed by Walter A. Tillit Jr., P.E., on Feb. 03, 2020.*

B. TEST

1. *None.*

C. CALCULATIONS

1. *None.*

D. QUALITY ASSURANCE

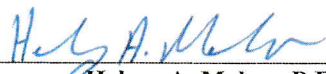
1. *By Miami-Dade County Department of Regulatory and Economic Resources.*

E. MATERIAL CERTIFICATION

1. *None.*

F. OTHERS

1. *Florida Building Code, 2017 Edition Compliance letter, issued by Tilteco, Inc., dated February 03, 2020, signed and sealed by Walter A. Tillit Jr., P.E.*



Helmy A. Makar, P.E., M.S.

Product Control Section Supervisor

NOA No. 24-0410.02

Expiration Date: 06/13/2029

Approval Date: 07/18/2024

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

11. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 20-0811.07

A. DRAWINGS

1. *Drawing No. 20-211, titled "Sure-Board Wall Sheathing System", sheets 1 through 5 of 5, prepared by Tilteco, Inc., dated July 17, 2020, last revision #1 dated July 17, 2020, signed and sealed by Walter A. Tillit Jr., P.E., on July 20, 2020.*

B. TEST

1. *None.*

C. CALCULATIONS

1. *None.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Department of Regulatory and Economic Resources.*

E. MATERIAL CERTIFICATION

1. *None.*

F. OTHERS

1. *Florida Building Code, 2017 Edition & 2020 Edition Compliance letter, issued by Tilteco, Inc., dated July 21, 2020, signed and sealed by Walter A. Tillit Jr., P.E.*

12. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 23-0726.09

A. DRAWINGS

1. *Drawing No. 23-068, titled "Sure-Board Wall Sheathing System", sheets 1 through 5 of 5, prepared by Tilteco, Inc., dated July 07, 2023, last revision #1 dated July 07, 2023, signed and sealed by Walter A. Tillit Jr., P.E., on July 07, 2023.*

B. TEST

1. *None.*

C. CALCULATIONS

1. *None.*

D. QUALITY ASSURANCE

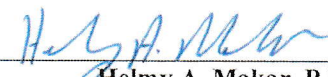
1. *By Miami-Dade County Department of Regulatory and Economic Resources.*

E. MATERIAL CERTIFICATION

1. *None.*

F. OTHERS

1. *Florida Building Code, 2023 Edition & 2020 Edition Compliance letter, issued by Tilteco, Inc., dated July 07, 2023, signed and sealed by Walter A. Tillit Jr., P.E.*



Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
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International Materials, Inc. dba Intermat, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

13. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. *None.*

B. TEST

1. *None.*

C. CALCULATIONS

1. *None.*

D. QUALITY ASSURANCE

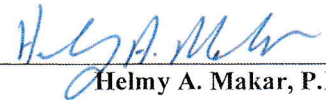
1. *By Miami-Dade County Department of Regulatory and Economic Resources.*

E. MATERIAL CERTIFICATION

1. *None.*

F. OTHERS

1. *Florida Building Code, 2023 Edition & 2020 Edition Compliance letter, issued by Tilteco, Inc., dated 02/12/2024, signed and sealed by Walter A. Tillit Jr., P.E.*



Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
NOA No. 24-0410.02
Expiration Date: 06/13/2029
Approval Date: 07/18/2024

GENERAL NOTES:

1. THIS PRODUCT APPROVAL DOCUMENT (P.A.D.) APPLIES ONLY TO THE STRUCTURAL WALL SHEATHING INDICATED AND SPECIFIED ON THIS DRAWING, AND HAS BEEN VERIFIED FOR COMPLIANCE IN ACCORDANCE WITH THE 2023 (8th EDITION) AND 2020 (7th EDITION) OF THE FLORIDA BUILDING CODE. SURE-BOARD® WALL SHEATHING MAY BE INSTALLED AT HIGH VELOCITY HURRICANE ZONES (H.V.H.Z.). DESIGN WIND LOADS FOR ANY INSTALLATION SHALL BE DETERMINED AS PER SECTION 1620 OF THE ABOVE MENTIONED CODE, USING ASCE 7-22 (FBC 2023) AND ASCE 7-16 (FBC 2020) AND SHALL NOT EXCEED THE MAXIMUM (A.S.D.) DESIGN PRESSURE RATINGS AND ALLOWABLES INDICATED ON THIS SHEET.

IN ORDER TO VERIFY THE ABOVE CONDITION, ULTIMATE DESIGN WIND LOADS DETERMINED PER ASCE 7-22 OR ASCE 7-16 SHALL BE FIRST REDUCED TO A.S.D. DESIGN WIND LOADS BY MULTIPLYING THEM BY 0.6 IN ORDER TO COMPARE THESE W/ MAX. (A.S.D.) DESIGN PRESSURE RATINGS INDICATED ON THIS SHEET.

2. EXISTING METAL STUDS WHERE SURE-BOARD® WALL SHEATHING WILL BE ATTACHED ARE NOT PART OF THIS APPROVAL, BUT MUST MEET WITH MINIMUM REQUIREMENTS INDICATED ON THIS DRAWING, AND SHALL BE STRUCTURALLY DESIGNED BY A FLORIDA REGISTERED ENGINEER OR ARCHITECT TO SUSTAIN THE SUPERIMPOSED LOADS PER FLORIDA BUILDING CODE AND SHALL BE REVIEWED BY THE STRUCTURAL PLANS EXAMINER WHERE SURE-BOARD WILL BE INSTALLED.
3. ALL SCREWS SHALL BE CORROSION RESISTANT AS PER DIN 50018 WITH FLAT HEAD AND RAISED SIDES TO PREVENT EXCESSIVE PENETRATION WITH MIN. $F_y = 80 \text{ ksi}$ & SHALL COMPLY W/ FLORIDA BUILDING CODE SECTION 2411.3.3.4.

4. MAXIMUM A.S.D. ALLOWABLES, OBTAINED THRU TESTING PERFORMED AS PER TAS 201, 202, 203 AND ASTM E-72, AS PER ATL REPORT 0506-01-03 WITH ADDENDUM & REPORT # LARGE MISSILE IMPACT RESISTANT: 80 FT/SEC. MISSILE SPEED. (9 lb MISSILE) MAXIMUM SURE-BOARD® PANEL HEIGHT: 108" * MAXIMUM SURE-BOARD® PANEL WIDTH: 48" * MAXIMUM A.S.D. RACKING LOAD PER PANEL: 2200 lb (550 lb/ft) * MAXIMUM LATERAL A.S.D. DESIGN PRESSURE RATING FOR PANELS WITH STUDS @ 16" o.c.: $\pm 64.3 \text{ psf}$ * PANELS MAY BE INSTALLED SIDE BY SIDE OR STACKED ON TOP OF EACH OTHER FOLLOWING JOINT DETAIL ON SHEET 2.

5. (a) THIS P.A.D. PREPARED BY THIS ENGINEER IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT, I.E. WHERE THE SITE CONDITIONS DEVIATE FROM THE P.A.D.

- (b) CONTRACTOR TO BE RESPONSIBLE FOR THE SELECTION, PURCHASE AND INSTALLATION INCLUDING LIFE SAFETY OF THIS PRODUCT BASED ON THIS P.A.D. PROVIDED HE/SHE DOES NOT DEVIATE FROM THE CONDITIONS DETAILED ON THIS DOCUMENT. CONSTRUCTION SAFETY AT SITE IS THE CONTRACTOR'S RESPONSIBILITY.

- (c) THIS P.A.D. WILL BE CONSIDERED INVALID IF MODIFIED.

- (d) SITE SPECIFIC PROJECTS SHALL BE PREPARED BY A FLORIDA REGISTERED ENGINEER OR ARCHITECT WHICH WILL BECOME THE PROFESSIONAL OF RECORD (P.O.R.) FOR THE PROJECT, AND SHALL BE RESPONSIBLE FOR THE USE OF THE P.A.D.

THIS DRAWING SHALL ONLY BE USED TO OBTAIN PERMITS IN THE STATE OF FLORIDA

Warning note:

Attention Building Official/Building Inspector
An "original signed and company sealed letter" from Internat Inc. is required proving that the panels were purchased from them in order for this NOA to be valid on any job.

- (a) ORIGINAL P.A.D. SHALL BEAR THE DATE AND ORIGINAL SEAL AND SIGNATURE OF THE PROFESSIONAL ENGINEER THAT PREPARED IT.
6. A PERMANENT PANEL MANUFACTURER'S LABEL SHALL BE PLACED ON THE EXPOSED SURFACE OF THE PANEL. ONE LABEL SHALL BE PLACED FOR EVERY OPENING. LABEL SHALL READ AS FOLLOWS:
"SURE-BOARD® WALL SHEATHING
INTERMAT INC.
COSTA MESA, CA.
MIAMI-DADE COUNTY PRODUCT CONTROL APPROVED

PRODUCT REVIEWED
as complying with the Florida
Building Code
Acceptance Date 24-0410-02
Expiration Date 06/13/2029
By: *[Signature]*
Miami Dade Product Control

PREPARED BY: *[Signature]*
as complying with the Florida
Building Code
Acceptance Date 23-0726-09
Expiration Date 06/13/2024
By: *[Signature]*
Miami Dade Product Control

MIAMI DADE COUNTY

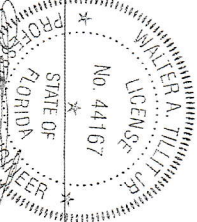
FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)



TILECO TESTING & ENGINEERING COMPANY
6335 NW 36th St., Ste. 305, Virginia Gardens, FL 33166
Phone: (305) 233-0600
Fax: (305) 233-0601
CA-0006719
WALTER A. TILIT Jr., P.E.

P.E. SEAL/SIGNATURE/DATE

7/7/2023



SURE-BOARD® WALL SHEATHING				T.M.	
INTERMAT INC.				DRAWN BY:	
2045 PLACENTIA AVE.				DATE:	
COSTA MESA, CA. 92627				23-068	
SUPPORT @ SUREBOARD.COM				DRAWING NO.	
REV. NO.	DESCRIPTION	DATE	REV. NO.	DESCRIPTION	DATE
1	QID 20-211	1/7/2023	3		
				SHEET 1 OF 5	

SPECIFICATIONS FOR SURE-BOARD®:

1. THE AGROCRETE AGROWALL DA SYSTEM PROVIDES WEATHER RESISTANT TO SURE-BOARD®. THE UTILIZATION OF DURABLE CEMENTITIOUS BOARD SUBSTRATE (PERMABASE® BOARD) COMBINED WITH AGROCRETE FINISH PROVIDES THE DESIRED ESTHETICS OF VARIOUS COLORS AND TEXTURES TO ACHIEVE AN ARCHITECTURALLY PLEASING WALL. THE AGROCRETE AGROWALL DA SYSTEM IS BACKED BY A 10 YEARS LIMITED MANUFACTURERS WARRANTY ON THE CEMENTITIOUS BOARD (PERMABASE BOARD) AND A 5 YEARS LIMITED MANUFACTURERS WARRANTY ON ALL COATINGS.

2. AGROCRETE EMULSION, MODEL 5-4253 BY SEACO SOUTHWESTERN ADHESIVE COMPANY, IS A READY TO USE AGROCRETE EMULSION THAT SHALL BE USED TO BOND THE PERMABASE BOARD TO THE GALVANIZED STEEL SKIN BEHIND IT CONSTITUTING THE SURE-BOARD® WALL SHEATHING.

3. PERMABASE™ CEMENT BOARD BY NATIONAL GYPSUM COMPANY, IS A 1/2" THICK, CEMENTITIOUS TILE BACKER BOARD MADE OF PORTLAND CEMENT, AGGREGATE AND REINFORCED WITH FIBERGLASS MESH. THE BOTTOM (UNEXPOSED) SIDE FINISH HAS A SMOOTH FINISH WITH A FIBERGLASS MESH EMBEDDED IN THE CEMENT SLURRY AND THE TOP (EXPOSED) SIDE FINISH HAS A ROUGH FINISH WITH A FIBERGLASS MESH MECHANICALLY EMBEDDED INTO CORE WITH A WEIGHT OF 3.0 POUNDS PER SQUARE FOOT.

PHYSICAL PROPERTIES:	TEST METHOD	PERMABASE
WEIGHT (lb/sq)	ASTM C 413	7.50
COMPRESSIVE STRENGTH (psi)	ASTM C 413	2280
FLAME SPREAD/SMOKE DEVELOPED	ASTM E 2394	5/0
THERMAL 72°K VALUE	PROPERTY OF MATERIAL	0.2/2.7
SHEAR BOND STRENGTH, 7 DAYS:		
LATE-SET PORTLAND CEMENT MORTAR (psi)	ANSI A118.1	204
LATE-SET PORTLAND CEMENT MORTAR (psi)	ANSI A118.4	241
ORGANIC ADHESIVES TYPE 1 (psi)	ANSI A136.1	159

4. AGROCRETE AGROCRETE FINISHING SYSTEMS, INC., IS AN AGROCRETE ADHESIVE AND BASE COAT CONCENTRATION FOR THE AGROCRETE WALL SYSTEMS. USED TO ENBED REINFORCING MESH AND USED AS A LEVELING COAT. THE PROPER MIXING RATIO IS 12 LB OF WATER TO 50 LB/BAG OF AGROCRETE, COVERING APPROXIMATELY 100 SQUARE FEET OF WALL.

5. AGROCRETE AGROCRETE FINISHING SYSTEMS, INC., IS A SPECIALLY MIXED AND TREATED FIBERGLASS REINFORCING HIGH IMPACT MESH, ALKALI RESISTANT, THICKNESS: 0.045+10% INCHES, WEIGHT: 20.5+10% oz./sq.yd., MINIMUM TENSILE WARP: 800 LB/in AND MINIMUM TENSILE RIL: 550 LB/in.

6. AGROCRETE AGROCRETE FINISHING SYSTEMS, INC., IS A PREPARED DECORATIVE AND PROTECTIVE WALL COATING. IT IS FORMULATED WITH THERMOPLASTIC POLYURETHANE FOR EXCELLENT ADHESION IN VARIETY OF COLOR AND TEXTURES. TO LB PHL COVERS APPROXIMATELY 100-180 SQUARE FEET OF WALL DEPENDING ON TEXTURE.

7. SURE BOARD® BEARS ALSO A CURRENT UNIFORM EVALUATION SERVICES REPORT (#129).

8. AGROCRETE AGROWALL DA SYSTEM BEARS AN EVALUATION REPORT BASED ON THE FOLLOWING TESTING PERFORMED ON THIS PRODUCT:

NUMBER	TEST	ADDITIONAL TEST:
2525-A	ASTM C 26, WEATHERING EXPOSURES	ADDITIONAL TEST:
2525-B	ASTM E 96, VAPOR TRANSMISSION	ASTM E 108, PREPARED BY TESTING CONSULTANTS, INC. PROJECT NUMBER 002010
2525-C	ASTM D 4111, ADHESION TEST	-TEST REPORT ON SURFACE BURNING CHARACTERISTICS OF AGROBASE AND AGROCRETE FINISH APPLIED TO GRC BOARD, TESTED UNDER ASTM E-84.
2525-D	ASTM D 2240, HARDNESS TEST	PREPARED BY COMMERCIAL TESTING COMPANY, REPORT NO. 75239.
2525-E	ASTM C 177, THERMAL RESISTANCE	ASTM E 119, THERMAL RESISTANCE TESTS WITH REMAN ARE AND RAIN CYCLES, 2000 HOURS UNDER ASTM E-268, PREPARED BY APPLIED CONSUMER SERVICES, INC. REPORT L/N 2831.
2525-F	ASTM C 6, WATER ABSORPTION	-TEST REPORT ON IMPACT LOAD RESISTANCE OF AGROWALL DA FINISH SYSTEMS UNDER ENA TEST METHOD AND STANDARD 101.66, PREPARED BY AGROCRETE, INC.
2525-G	ASTM B 177, SALT FOG	-REPORT ON PHYSICAL PROPERTIES, PREPARED BY JIM WALTER RESEARCH CORP. THE FOLLOWING TESTS WERE PERFORMED:
2525-H	ASTM C 6, P/4, FREEZE/THAW	COMPRESSIVE STRENGTH UNDER ASTM D 1621.
2525-I	ASTM D 968, SAND ABRASION	WATER ABSORPTION UNDER ASTM C 272.
2525-J	ASTM D 908, SAND ABRASION	WATER VAPOR TRANSMISSION UNDER ASTM E 96.
2525-K	ASTM D 908, SAND ABRASION	WATER VAPOR TRANSMISSION UNDER ASTM C 203.
2525-L	CHEMICAL RESISTANCE	WATER ABSORPTION UNDER ASTM C 272.
2525-M	STAIN RESISTANCE	WATER VAPOR TRANSMISSION UNDER ASTM E 96.

Warning note:
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APPLICATION SEQUENCE:

1. SPREAD 6-8 MIL OF AGROCRETE EMULSION TO BOND THE 22 GAGE GALVANIZED STEEL SKIN (AGROKRY ATTACHED TO WALL PANEL STEEL FRAME) TO THE PERMABASE™ CEMENT BOARD CONSTITUTING THE SURE-BOARD® SYSTEM.

2. USE (5) #10x1/4" S.M.S. LOCATED AT 2 1/4" FROM END, 8", 13" 1/2", 14", 7 1/2" TO SECURE PERMABASE™ CEMENT BOARD TO HORIZONTAL TOP AND BOTTOM SIP TRUCK AND USE (17) #10x1 1/2" S.M.S. STARTING AT 6" FROM BOTTOM AT 6" o.c. MAX. TO SECURE PERMABASE™ CEMENT BOARD TO 20 GAGE GALVANIZED STEEL VERTICAL STUDS SPACED AT 16" o.c. MAX.

3. APPLY AGROKRY AND ENBED 9 1/4" WIDE FIBERGLASS MESH INTO THE WET AGROKRY OVER EVERY JOINT BETWEEN PANELS AND PANEL EDGE AROUND DOOR AND WINDOW. A PERIOD OF 24 HOURS SHALL LAPSE BETWEEN THE INSTALLATION OF THE JOINT MESH AND THE AGROKRY LEVELING COAT.

4. APPLY AGROKRY LEVELING COAT USING 1/2"x1/2" STAINLESS STEEL NOTCHED TROWEL WITH 1 1/2" SPACE BETWEEN NOTCHES TO THE EXPOSED SURFACE OF BOARD AT A UNIFORM THICKNESS. A PERIOD OF 24 HOURS SHALL LAPSE BEFORE INSTALLING THE FINISH COAT.

5. FINISH WALL USING A STAINLESS STEEL TROWEL, APPLY AND LEAVE A COAT OF TROWEL FINISHES EFFECT OR SAND EFFECT TO A UNIFORM THICKNESS, APPROXIMATELY 1 TO 1 1/2 TIMES THE LARGEST AGGREGATE. THE TEXTURE IS ACHIEVED BY UNIFORM HAND MOTION AND TYPE OF TOOL USED. MAINTAIN WET EDGE FOR UNIFORMITY OF COLOR AND TEXTURE. A THIRT COAT OF AGROCRETE AGROFINISH SHALL BE APPLIED CONTINUOUSLY TO A THICKNESS NOT GREATER THAN THE LARGEST AGGREGATES. A WET EDGE SHALL BE MAINTAINED LEVAGING AND TEXTURING SHALL TAKE PLACE IN ONE OPERATION. AGROFINISH DRYING TIME IS 24 HOURS. OVERALL AVERAGE THICKNESS OF AGROCRETE DA SYSTEM IS 3/16".

6. TO REDUCE THE RISK OF DAMAGING WATER SENSITIVE SHEATHING OR FRAMING, ALL WINDOW AND DOOR OPENINGS MUST BE PROPERLY FLASHED AND WATERPROOFED AND INCIDENTAL WATER SHALL BE ALLOWED TO ESCAPE. PLEASE REFER TO SHEET 3 OF 10 FOR TYP. SEALING DETAIL AT JOINT BETWEEN PANELS AND SHEET 10 OF 10 FOR TYP. SEALING DETAIL AT BOTTOM OF PANEL. FOLLOW WINDOW AND DOOR MANUFACTURERS RECOMMENDATIONS FOR PROPER INSTALLATION. SEALING DETAILS ON SHEET 9 OF 10 ARE TYPICAL AND SHOW THE INTENT TO PREVENT WATER INFILTRATION INTO AND BEHIND THE SYSTEM. SEE CORNER DETAIL ON SHEET 10 OF 10. ALTERNATE DETAILS AND SPECIFIC CONDITIONS NOT COVERED BY THE TYPICAL DETAILS ARE THE RESPONSIBILITY OF THE LICENSED DESIGN PROFESSIONAL.

7. TEMPORARY PROTECTION SHALL BE PROVIDED AT ALL TIMES UNTIL BASE COAT, FINISH, AND PERMANENT FLASHINGS, SEALANT, ETC. ARE COMPLETED TO PROTECT THE WALL FROM WEATHER AND OTHER DAMAGE. SEALANT AND FLASHINGS SHALL BE INSTALLED PROMPTLY.

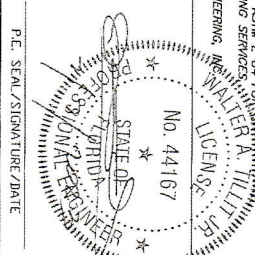
8. GLASS FIBER OR SUB BLANKET INSULATION MAY BE INSERTED IN THE WALL CAVITY FOR BETTER THERMAL AND SOUND PERFORMANCE.

9. THE MANUFACTURER'S PUBLISHED INSTALLATION INSTRUCTIONS AND THIS DRAWING SHALL BE STRICTLY ADHERED TO AND A COPY OF THESE INSTRUCTIONS SHALL BE AVAILABLE AT ALL TIMES ON THE JOB SITE DURING INSTALLATION.

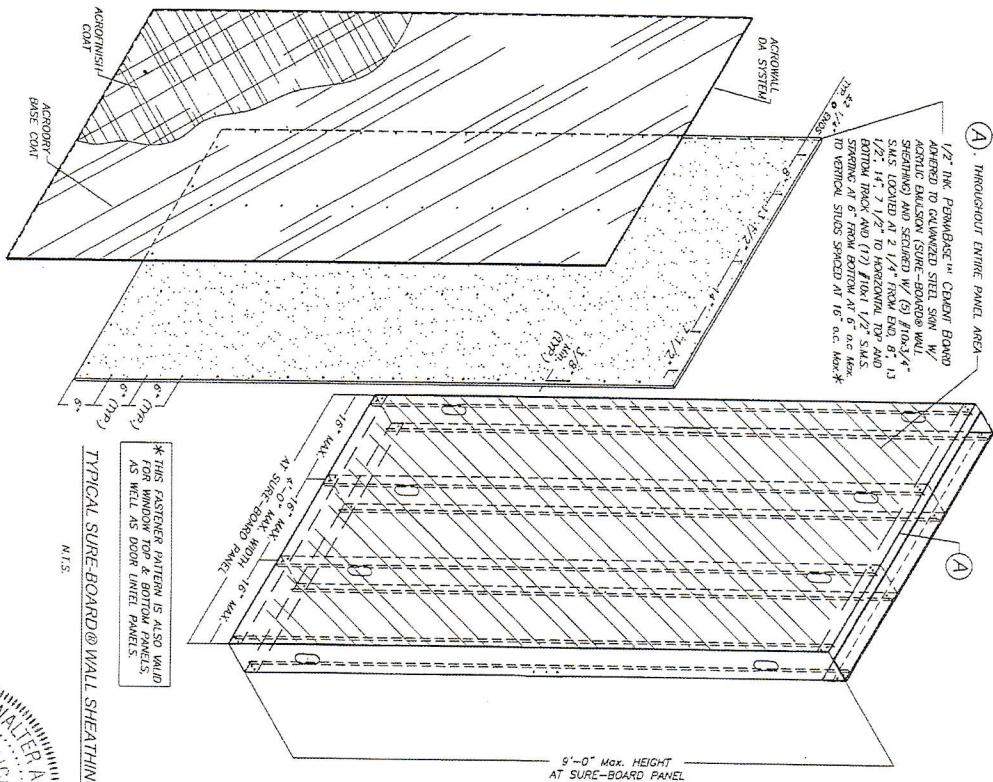
10. THE INSTRUCTIONS WITHIN THIS DRAWING COVEN IF THERE ARE ANY CONFLICTS BETWEEN THE MANUFACTURER'S INSTRUCTIONS AND THIS DRAWING.

PRODUCT BE SEAWATER
is complying with the Florida
Building Code
Acceptance No. 24-0910-02
Expiration Date 06/13/2024
By: [Signature]
Miami-Dade Product Control

PROJECT: 23-0726-09
Building Code
Acceptance No. 23-0726-09
Expiration Date 06/13/2024
By: [Signature]
Miami-Dade Product Control



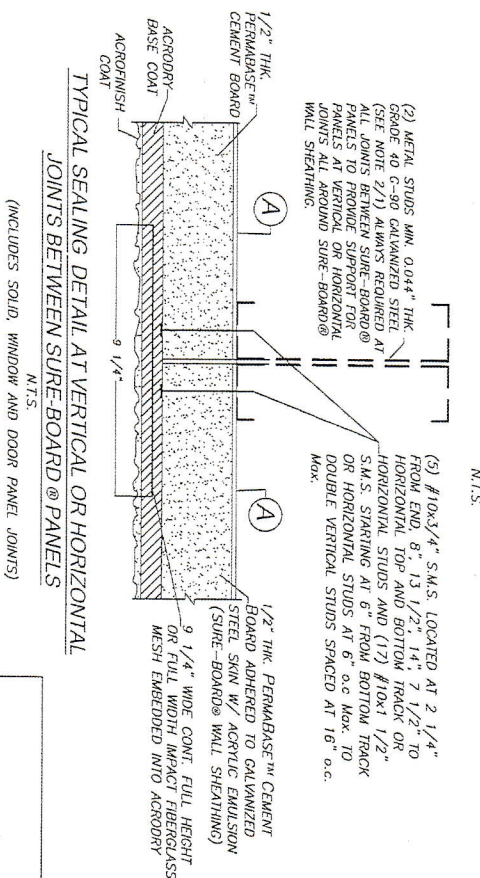
©2023 TILTECO, INC. TILTECO INC. TILIT TESTING & ENGINEERING COMPANY 2045 PLACENTA AVE. COSTA MESA, CA 92627 Phone: (714) 971-1520 Fax: (714) 971-1531 Email: tilteco@tilteco.com TILIT JF, P.E. FLORIDA Lic. # 44167		SURE-BOARD® WALL SHEATHING INTERMAT INC. 2045 PLACENTA AVE. COSTA MESA, CA 92627 SUPPORT @ SUREBOARD.COM	Y.M. DRAWN BY: DATE: 7/7/2023 23-068 DRAWING No. SHEET 2 OF 5
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* THIS PATTERN PATTERN IS ALSO VALID FOR PROPOSED PANELS, AS WELL AS DOOR INSET PANELS.

TYPICAL SURE-BOARD® WALL SHEATHING PANEL ASSEMBLY

N.T.S.



TYPICAL SEALING DETAIL AT VERTICAL OR HORIZONTAL JOINTS BETWEEN SURE-BOARD® PANELS

N.T.S.

(INCLUDES SOLID, WINDOW AND DOOR PANEL JOINTS)

FRAMING COMPONENTS

N.T.S.

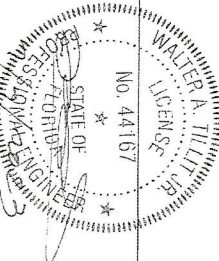
- (A) 4" WIDE x 9" (MAX.) HIGH STEEL SHEET
(0.027" THICK MIN. GALV. STEEL)
ASTM A-653 GRADE 40 MIN. W/
47.0 KSI MIN. YIELD STRENGTH
(HOT ROLLED) G-90 GALVANIZED

- (2) METAL STUDS MIN. 0.014" THICK
GRADE 40 G-90 GALVANIZED STEEL
(SEE NOTE 2/1) ALWAYS REQUIRED AT
ALL JOINTS BETWEEN SURE-BOARD®
PANELS TO PROVIDE SUPPORT FOR
PANELS AT VERTICAL OR HORIZONTAL
JOINTS ALL AROUND SURE-BOARD®
WALL SHEATHING.
- (3) #10x3/4" S.M.S. LOCATED AT 2 1/4"
FROM END, 8", 13 1/2", 14", 7 1/2" TO
HORIZONTAL TOP AND BOTTOM TRACK OR
HORIZONTAL STUDS AND (17) #10x1 1/2"
S.M.S. STARTING AT 6" FROM BOTTOM TRACK
OR HORIZONTAL STUDS AT 6" O.C. MAX. TO
DOUBLE VERTICAL STUDS SPACED AT 16" O.C.
MAX.

1/2" THK. PERMABASE™ CEMENT
BOARD ADHERED TO GALVANIZED
STEEL SKIN W/ ACRYLIC EXUDATION
(SURE-BOARD® WALL SHEATHING)
9 1/4" WIDE COAT, FULL HEIGHT
OR FULL WIDTH IMPACT FIBERGLASS
MESH EMBEDDED INTO ACRYLIC

Warning note:
Attention Building/Building Inspector
An "original signed and company sealed letter"
from InterMat Inc. is required proving that the
panels were purchased from them in order for
this NOA to be valid on any job.

P.E. SEAL/SIGNATURE/DATE



TELECO INC.
©2023 TELECO, INC.

TELECO TESTING & ENGINEERING COMPANY
6355 NW 36th St., Suite 205, Fort Lauderdale, FL 33309
Phone: (954) 771-1330 Fax: (954) 771-1331
G-7700, 100067219, 100067219
WALTER A. TILIT JR., P.E.
FLORIDA LIC. # 44167

FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)

SURE-BOARD® WALL SHEATHING

INTERMAT INC.

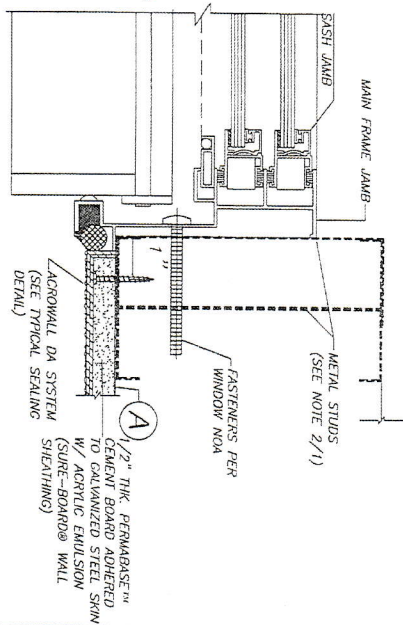
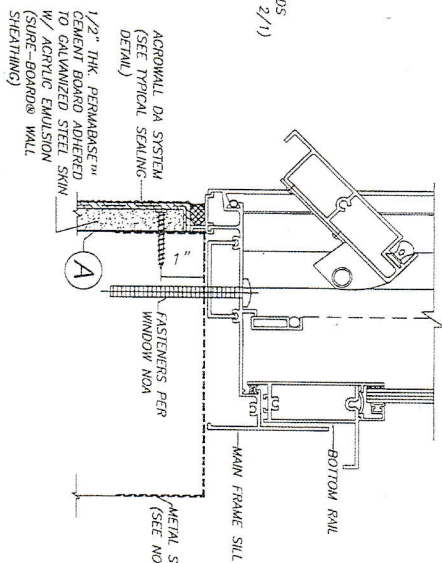
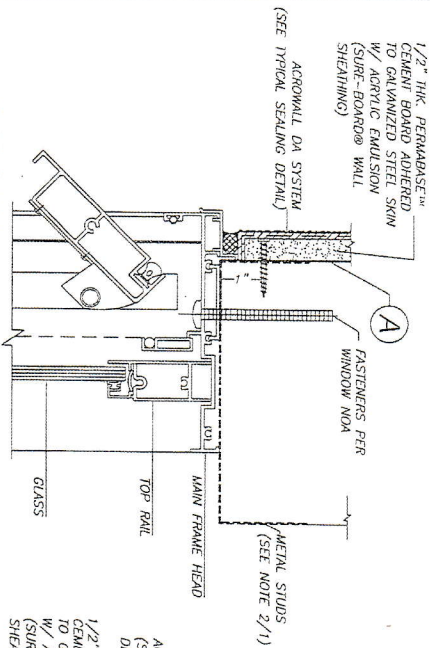
2045 PLACENTIA AVE.
COSTA MESA, CA 92627

SUPPORT @ SUREBOARD.COM

DATE: 7/7/2023
DRAWN BY: V.M.
23-068
DRAWING NO.
SHEET 3 OF 5

MIAMI DADE COUNTY

PROJECT REVIEWED
in compliance with the Florida
Building Code
Approval Code: 23-0726.09
Expiration Date: 06/15/2024
By: *Walter A. Tilit Jr.*
Miami Dade Product Control



SECTION A: WINDOW HEAD CONNECTION TO PANEL

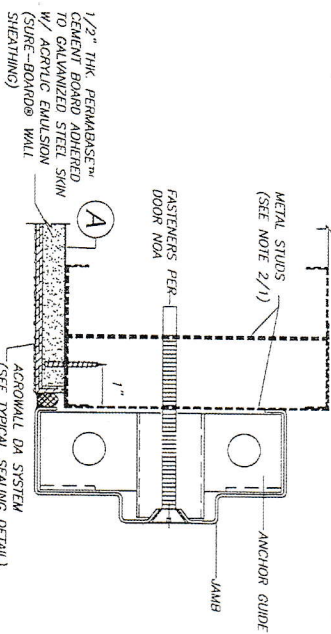
SECTION B: WINDOW SILL CONNECTION TO PANEL

SECTION C: WINDOW JAMB CONNECTION TO PANEL

SCALE 3/8" = 1"

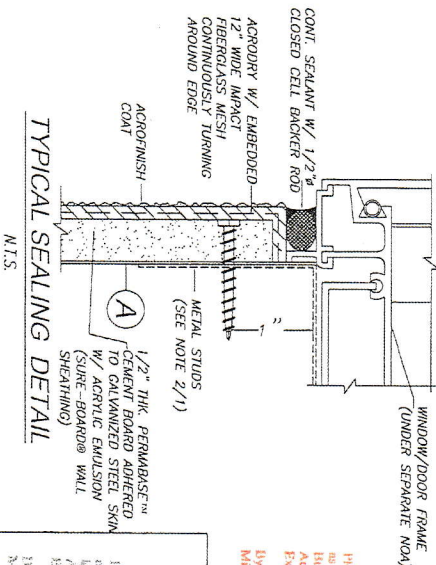
SCALE 3/8" = 1"

SCALE 3/8" = 1"



SECTION D: DOOR JAMB CONNECTION TO PANEL

SCALE 3/8" = 1"



TYPICAL SEALING DETAIL

N.T.S.

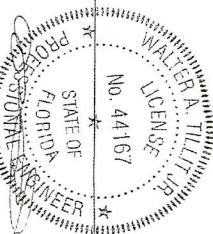
PRODUCT RETURNED
as complying with the Florida
Building Code
Acceptance No. 24-0410.02
Expiration Date 06/13/2029
By: *[Signature]*
Miami Dept. of Building Control

PROJECT PROVIDED
as complete with the Florida
Building Code
Expiration Date 06/13/2029
By: *[Signature]*
Miami Dept. of Building Control

Warning note:
Attention Building Official/Building Inspector
An "original signed and company sealed letter"
from Intermat Inc. is required proving that the
panels were purchased from them in order for
this NOA to be valid on any job.

P.E. SEAL/SIGNATURE/DATE

7/7/2023



FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)

MIAMI DADE COUNTY



TILECO INC.
TILLIT TESTING & ENGINEERING COMPANY
6335 N.W. 36th St., Ste. 205, Virginia Gardens, FL 33166
Phone: (305) 891-0900 Fax: (305) 891-1531
CA-0006719
WALTER A. TILLIT JR., P.E.
FLORIDA Lic. # 44167

NO.	DESCRIPTION	DATE	NO.	DESCRIPTION	DATE
1	SURE-BOARD® WALL SHEATHING	7/7/2023	2		
3			4		
5			6		

INTERMAT INC.
2045 PLACENTIA AVE.
COSTA MESA, CA 92627
SUPPORT @ SUREBOARD.COM

23-068

SHEET 4 OF 5

1/2" THK. PERMABASE™ CEMENT BOARD ADHERED TO GALVANIZED STEEL SKIN W/ ACRYLIC EMULSION (SURE-BOARD® WALL SHEATHING) AT SIDE

9 1/4" WIDE CONT. FULL HEIGHT IMPACT FIBERGLASS MESH EMBEDDED INTO ACRORDRY CENTERED WITH JOINT

4 5/8"

9 1/4"

PANEL JOINT

4 5/8"

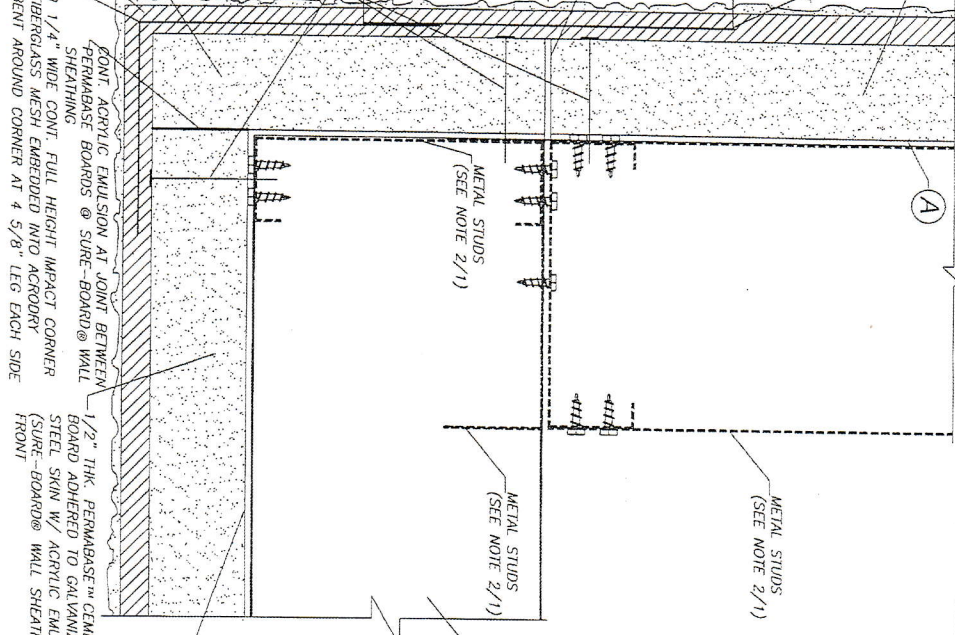
(5) #10x3/4" S.M.S. LOCATED AT 2 1/4" FROM END, 8" 13 1/2" 14" 7 1/2" TO HORIZONTAL TOP AND BOTTOM TRACK AND

(17) #10x1 1/2" S.M.S. STARTING AT 6" FROM BOTTOM AT 6" o.c. MAX. TO VERTICAL STUDS SPACED AT 16" o.c. MAX.

1/2" THK. PERMABASE™ CEMENT BOARD ADHERED TO GALVANIZED STEEL SKIN W/ ACRYLIC EMULSION (SURE-BOARD® WALL SHEATHING) AT CORNER

ACRORDRY BASE COAT

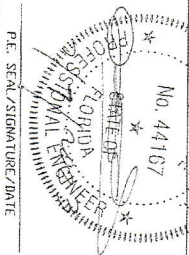
ACRORDRY FINISH COAT



CORNER DETAIL BETWEEN SURE-BOARD® PANELS AT VERTICAL JOINTS

SCALE: 1" = 8"

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TILECO INC.
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TILE TESTING & ENGINEERING COMPANY
6355 N.W. 36th St., Suite 205, Miramar, FL 33166
Phone: 305-231-1331
E-mail: tileco@aol.com
WALTER A. TILLOT
FLORIDA Lic. # 44167

SURE-BOARD® WALL SHEATHING				INTERMAT INC.				2045 PLACENTIA AVE.				COSTA MESA, CA. 92627				SHIPMENT @ SUREBOARD.COM				23-068				DRAWING NO.				23-068				SHEET 5 OF 5			
REV.	NO.	DESCRIPTION	DATE	REV.	NO.	DESCRIPTION	DATE	REV.	NO.	DESCRIPTION	DATE	REV.	NO.	DESCRIPTION	DATE	REV.	NO.	DESCRIPTION	DATE	REV.	NO.	DESCRIPTION	DATE	REV.	NO.	DESCRIPTION	DATE	REV.	NO.	DESCRIPTION	DATE	REV.	NO.	DESCRIPTION	DATE
1		Q10 20-211	1/17/2023	2				3				4				5				6				7				8				9			

PRODUCT BENT WEB
as complying with the Florida Building Code
Acceptance No. 23-0910-02
Expiration Date 06/13/2029
By: *[Signature]*
Miami Dade Product Control

FOR THE BUILDING OFFICIAL
To be stamped with the Florida Building Code
Acceptance No. 23-0726-09
Expiration Date 06/13/2024
By: *[Signature]*
Miami Dade Product Control

MIAMI DADE COUNTY