



MIAMI-DADE COUNTY
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) 372-6339

NOTICE OF ACCEPTANCE (NOA)

www.miamidade.gov/buildingcode

Alcan Composites USA Inc.
P.O. Box 507
208 West 5th Street.
Benton, KY 42025

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 Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Alucobond Aluminum Panel

APPROVAL DOCUMENT: Drawing No. **ALU-1**, titled "Dade Co. Alucobond", sheets 1 through 3 of 3, prepared by Alcan Composites USA, Inc, dated 10/25/00 and 01/05/06 with latest revision dated 08/29/08, signed and sealed by Allen N. Reeves, 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: 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.

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 # 08-1210.10** 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.**



[Handwritten Signature]
 05/17/10

NOA No. 10-0426.14
Expiration Date: July 31, 2015
Approval Date: June 09, 2010
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

- A. DRAWINGS “Submitted under NOA # 08-1210.10”**
1. Drawing No. ALU-1, titled “Dade Co. Alucobond”, sheets 1 through 3 of 3, prepared by Alcan Composites USA, Inc, dated 10/25/00 and 01/05/06, with latest revision dated 08/29/08, signed and sealed by Allen N. Reeves, P.E.
- B. TESTS “Submitted under NOA # 06-1019.02”**
1. Test report on Cyclic Wind Pressure Loading test per PA 203 and Uniform Static Air Pressure Loading test per PA 202 and Air Infiltration test per PA 202 on “Alucobond 4mm Aluminum Composite Wall Panel System”, prepared by Architectural Testing Inc., report No. ATI-58412.01-122-18, dated 08/17/05, signed and sealed by S. M. Urich, P.E.
 2. Self Ignition Temperature test report per ASTM D-1929 on “Alucobond ”, prepared by Southwest Research Institute; Project No. 01-10934.01.657, dated 10/14/05, signed by R. L. Vinson III; P.E.
 3. Surface Burning Characteristic test report per ASTM E-84 on “Alucobond ” prepared by Southwest Research Institute, Project No. 01-10932.01.256(1), dated 10/11/05, and signed by R. L. Vinson III; P.E.
 4. Time of Burning test report per ASTM D-635 on “Alucobond ” prepared by Southwest Research Institute, Project No. 01-10932.01.257, dated 10/11/05, and signed by R. L. Vinson, III; P.E..
- C. CALCULATIONS “Submitted under NOA # 08-1210.10”**
1. Anchor verification calculations prepared by HR Engineering, Inc, complying with F.B.C 2007, dated 08/07/08, signed and sealed by Allen N. Reeves, P.E.
- D. QUALITY ASSURANCE**
1. Miami Dade Building Code Compliance Office (BCCO).
- E. MATERIAL CERTIFICATIONS**
1. None.
- F. STATEMENTS**
1. No change letter issued by Alcan Composites USA Inc, dated 04/19/10, signed by Dan Glover.
 1. Statement letter of code conformance to 2007 FBC issued by HR Engineering, Inc, dated 12/26/08, signed and sealed by Allen N. Reeves, P.E.
 2. Statement letter of no financial interest issued by HR Engineering, Inc, dated 11/07/08, signed and sealed by Allen N. Reeves, P.E.
“Submitted under NOA # 08-1210.10”



05/17/10

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 10-0426.14
Expiration Date: July 31, 2015
Approval Date: June 09, 2010

DESCRIPTION:

THIS IS 4mm THICK ALUCOBOND, A NON-FIRE RATED COMPOSITE PANEL CONSISTING OF TWO 0.020" ALUMINUM FACE SHEETS WITH A LOW DENSITY POLYETHYLENE CORE. THE PANEL EDGES ARE FOLDED OVER AND THE FOLDED CORNERS ARE REINFORCED WITH 0.035" THICK ALUMINUM CORNER ANGLES WHICH ARE ATTACHED WITH #10x3/4" SHEET METAL SCREWS.

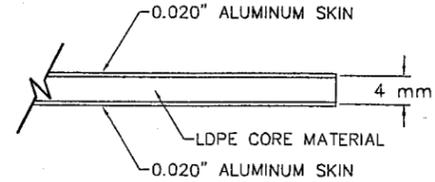
MATERIAL CHARACTERISTICS

1. ALUCOBOND WITH POLYETHYLENE CORE		
DESCRIPTION	TEST	PROPERTIES
SELF IGNITION TEMP.	ASTM D1929	747°F
FLASH IGNITION TEMP.	ASTM D1929	678°F
RATE OF BURNING	ASTM D635	C1
FLAME SPREAD INDEX	ASTM E84	0
SMOKE DEVELOPMENT	ASTM E84	5

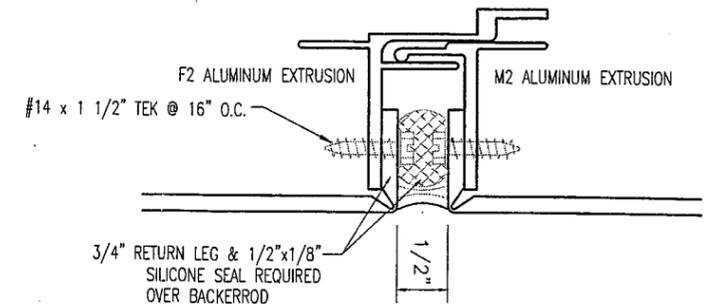
DESIGN PRESSURE RATING
 +61.8 PSF - 81.3 PSF
 LARGE MISSILE IMPACT RESISTANCE
 INSTALLED IN FRONT OF
 5/8" PLYWOOD SUPPORTED 16" O.C.

2. ALUMINUM SKINS	
THICKNESS	0.02 INCHES
ALLOY	3003-H24
FINISH	PVDF PAINT

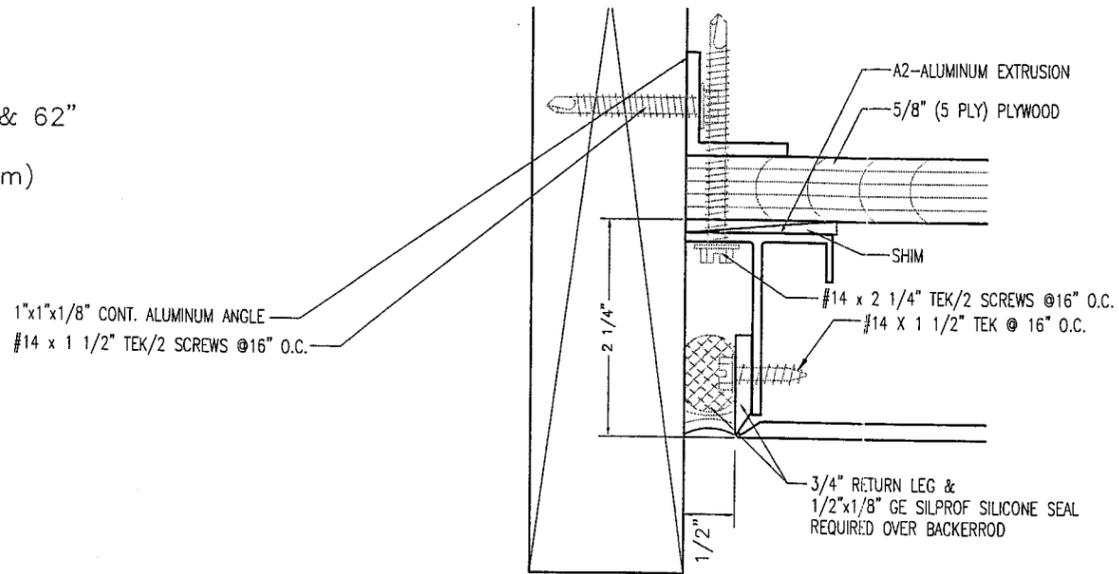
3. PANEL SIZES	
WIDTH	39", 48", 50", 60" & 62"
LENGTH	8', 10', 12', & 16'
THICKNESS	0.16 INCHES (4.00mm)



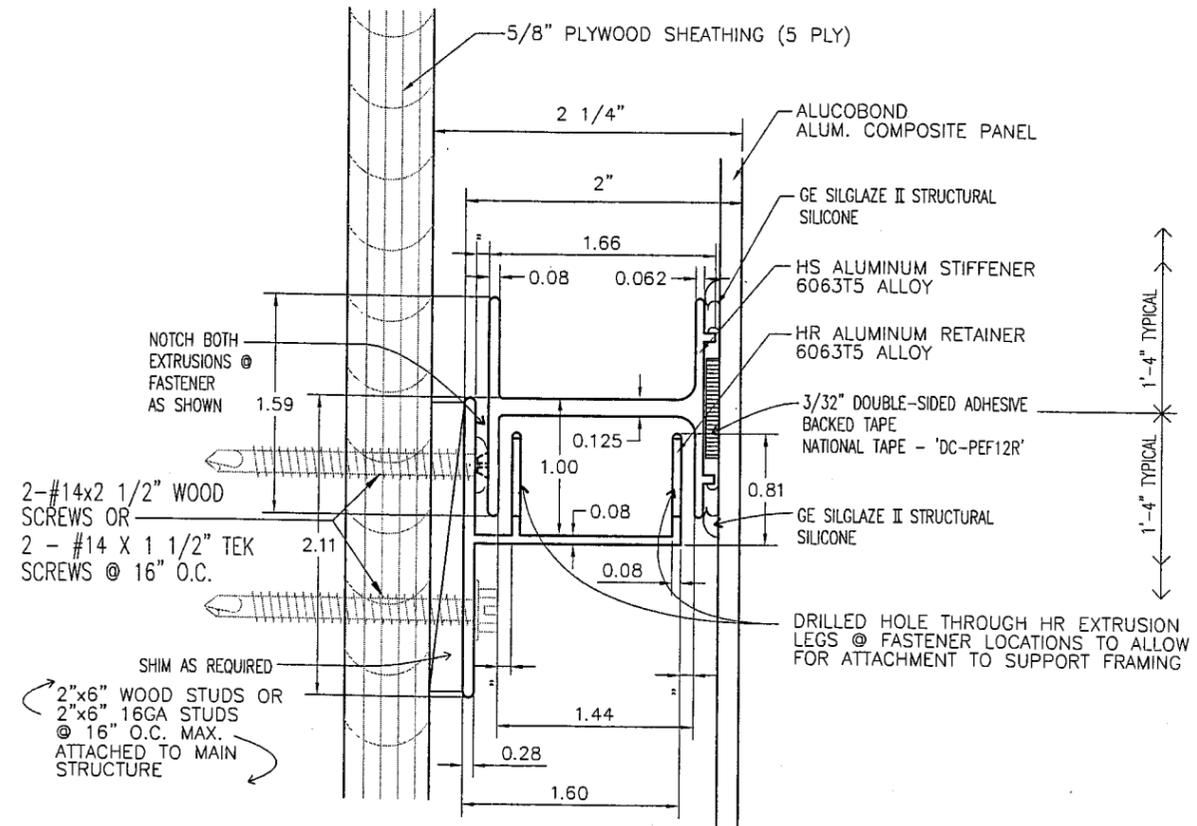
**ALUCOBOND-ALUM.
COMPOSITE PANEL**



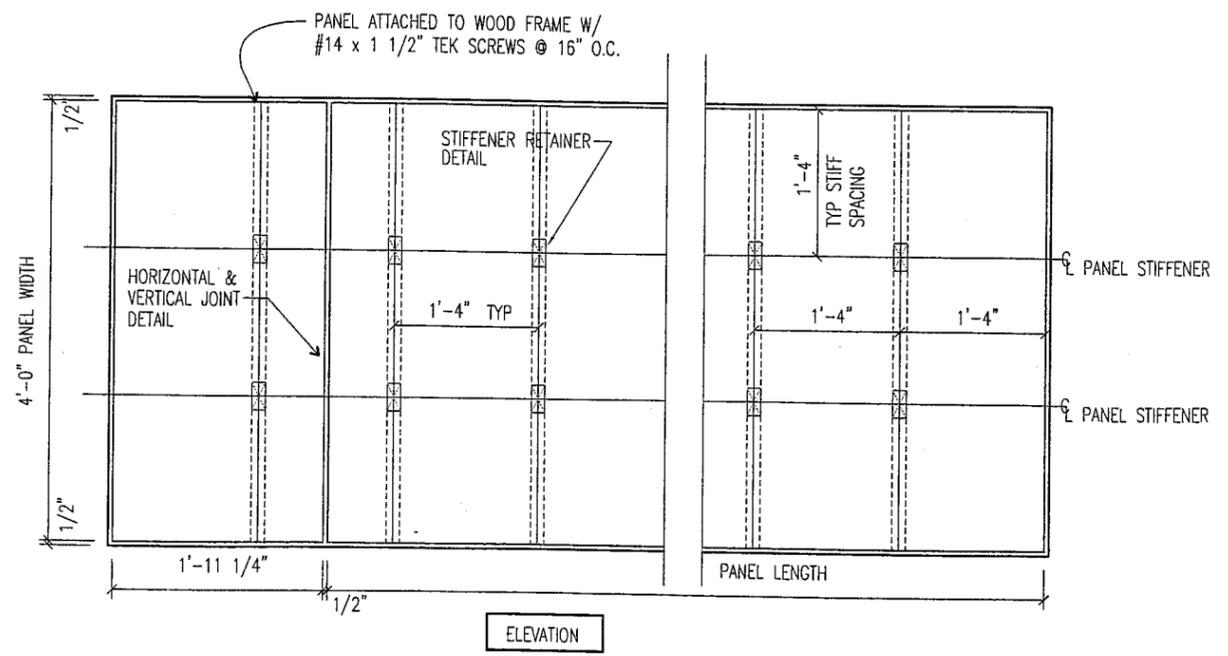
HORIZONTAL & VERTICAL JT DETAIL



PERIMETER DETAIL



STIFFENER RETAINER DETAIL



ELEVATION

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 08-1210.10
 Expiration Date 07/31/2010
 By: [Signature]
 Miami Dade Product Control
 Division

<p>PRODUCT RENEWED as complying with the Florida Building Code Acceptance No. 10-0426.14 Expiration Date 07/31/2015 By: [Signature] Miami Dade Product Control Division</p>	<p>ALCAN COMPOSITES USA, INC. 208 WEST 5TH STREET BENTON, KY. 42025 270-527-4200</p>		
	<p>TITLE: DADE CO. - ALUCOBOND OVER PLYWOOD ON WOOD OR METAL STUDS</p>		
DWG NO.:	SHT NO.:	DWG DATE:	REV. DATE:
ALU-1	1	10-25-00	08-29-08
ALLEN N. REEVES, P.E. FLORIDA #19354			

Allen N. Reeves
 6 NOVEMBER 2008

DESCRIPTION:
 THIS IS 4mm THICK ALUCOBOND, A NON-FIRE RATED COMPOSITE PANEL CONSISTING OF TWO 0.020" ALUMINUM FACE SHEETS WITH A LOW DENSITY POLYETHYLENE CORE. THE PANEL EDGES ARE FOLDED OVER AND THE FOLDED CORNERS ARE REINFORCED WITH 0.035" THICK ALUMINUM CORNER ANGLES WHICH ARE ATTACHED WITH #10x3/4" SHEET METAL SCREWS.

MATERIAL CHARACTERISTICS

DESCRIPTION	TEST	PROPERTIES
1. ALUCOBOND WITH POLYETHYLENE CORE		
SELF IGNITION TEMP.	ASTM D1929	716°F
FLASH IGNITION TEMP.	ASTM D1929	716°F
RATE OF BURNING	ASTM D635	CC1
FLAME SPREAD INDEX	ASTM E84	5
SMOKE DEVELOPMENT	ASTM E84	0

DESIGN PRESSURE RATING
 +90 PSF -90 PSF
 LARGE MISSILE IMPACT RESISTANCE
 INSTALLED IN FRONT OF 1" RIB CORRUGATED 22 GAUGE STEEL DECKING SUPPORTED 16" O.C.

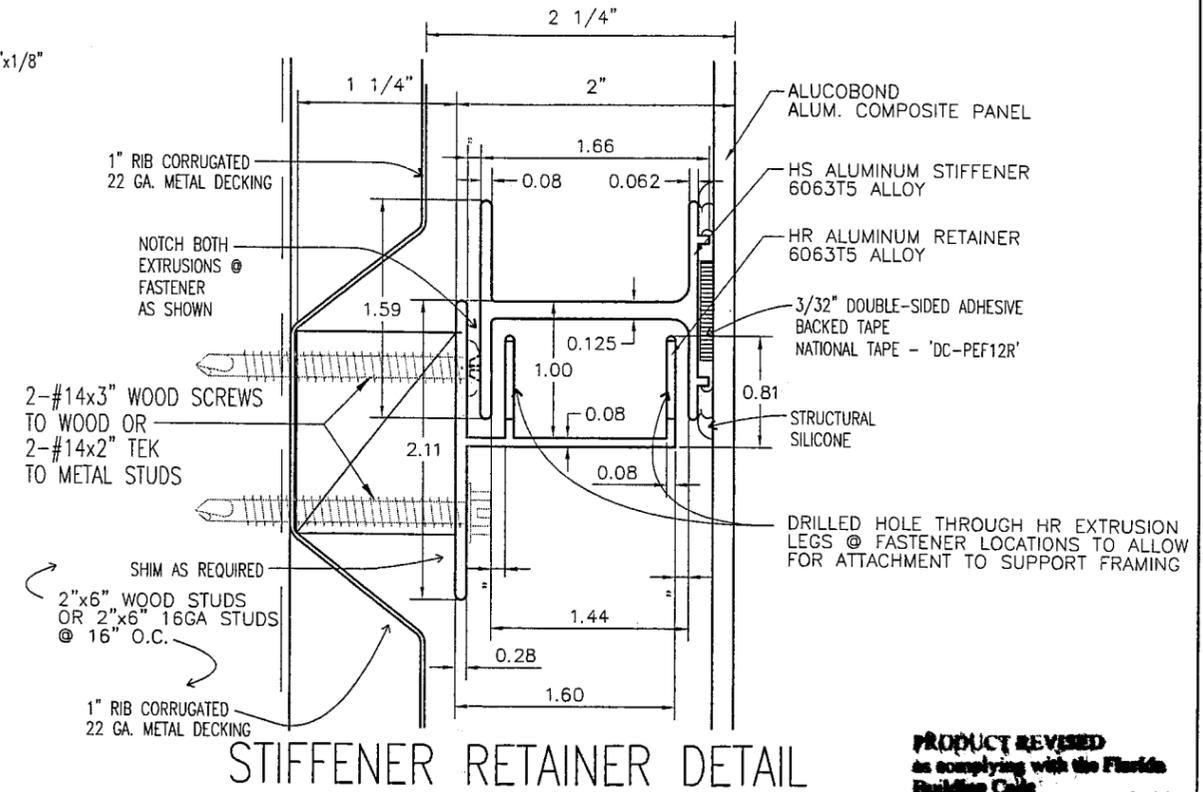
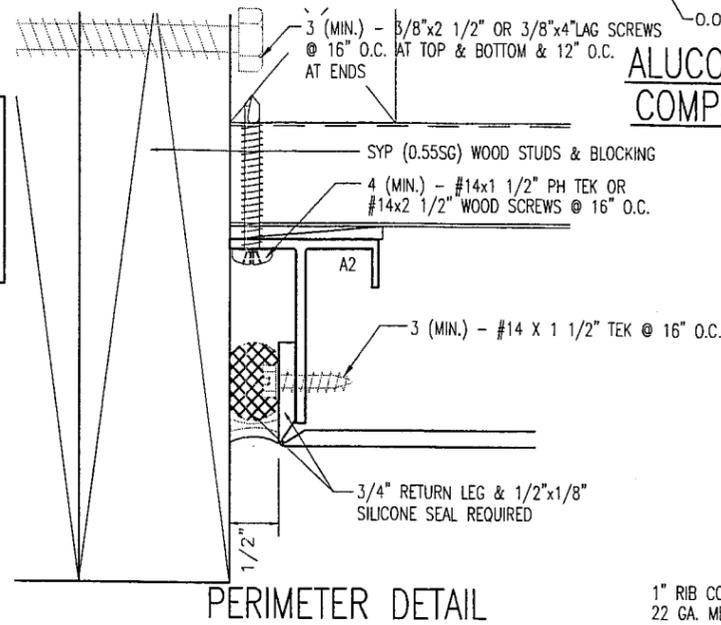
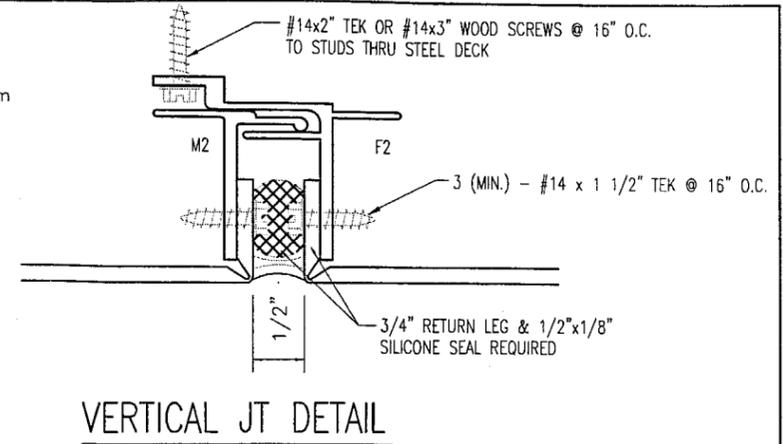
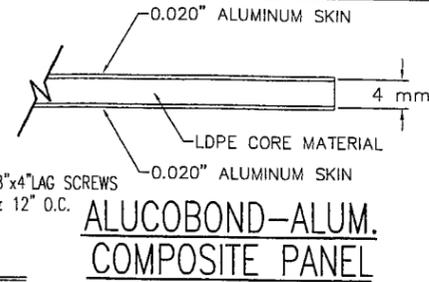
2. ALUMINUM SKINS

THICKNESS	0.02 INCHES
ALLOY	3003-H24
FINISH	PVDF PAINT

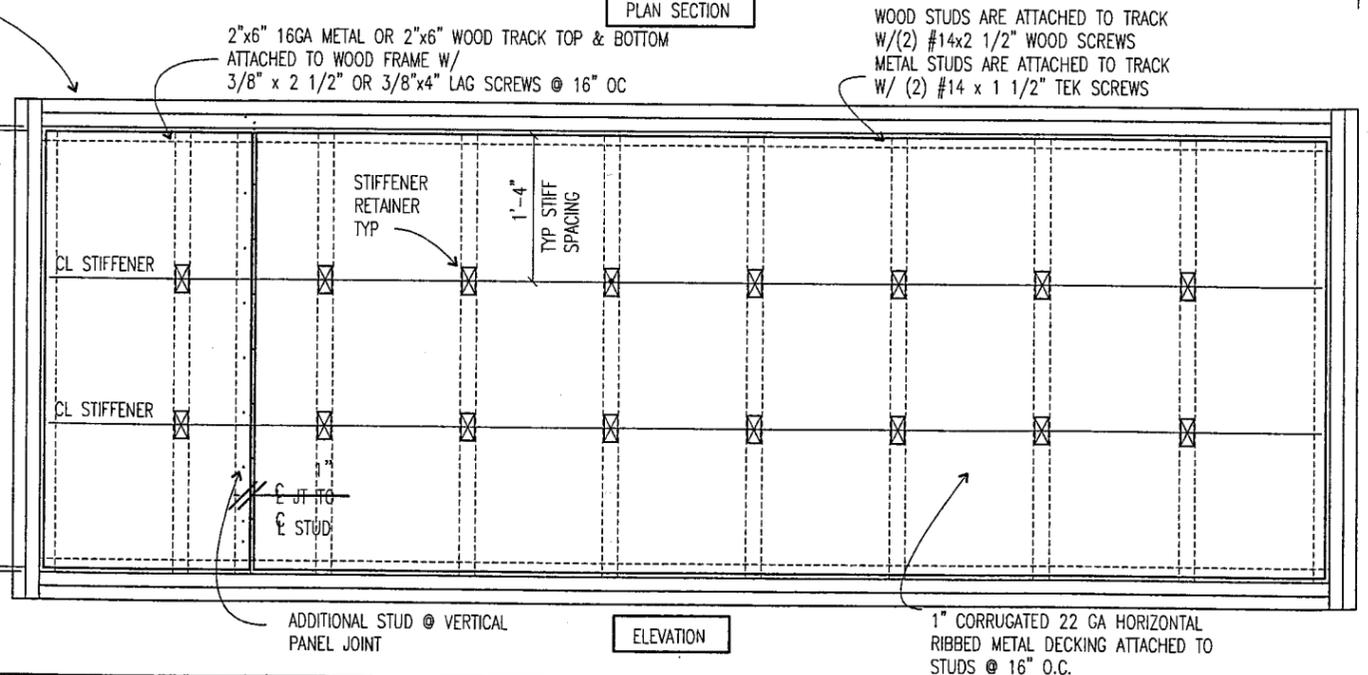
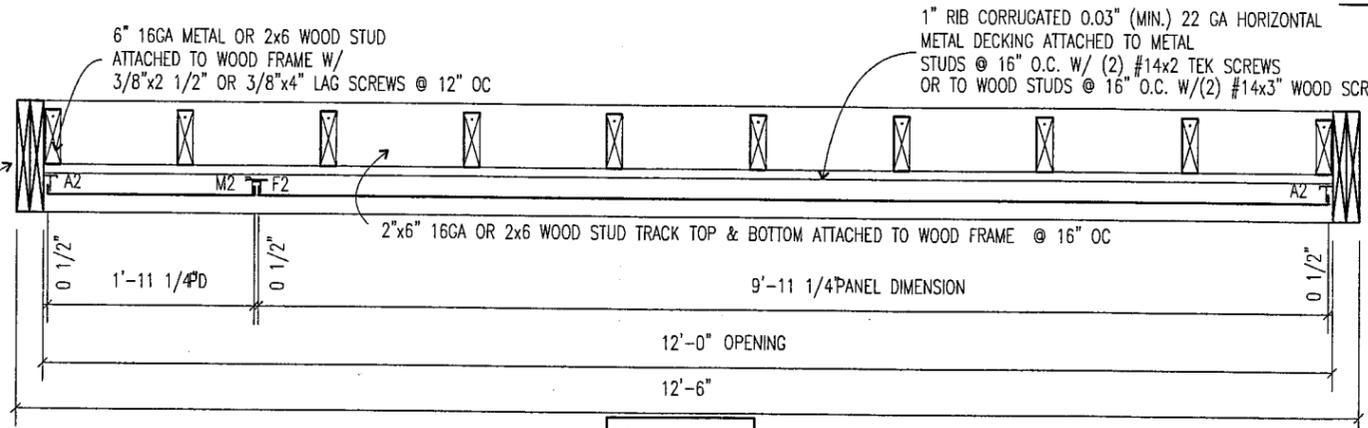
3. PANEL SIZES

WIDTH	39", 48", 50", 60" & 62"
LENGTH	8', 10', 12', & 16'
THICKNESS	0.16 INCHES (4.00mm)

4. STEEL OR WOOD STUDS GREATER THAN 4'-0" IN HEIGHT MUST BE DESIGNED BY A FLORIDA P.E. FOR A MINIMUM OF ±90 PSF WIND PRESSURE.



PRODUCT RENEWED
 as complying with the Florida Building Code
 Acceptance No. 08-1219.10
 Expiration Date 07/31/2015
 By: [Signature]
 Miami-Dade Product Control Division



PRODUCT RENEWED as complying with the Florida Building Code Acceptance No. 10-0426.14 Expiration Date 07/31/2015 By: [Signature] Miami-Dade Product Control Division Allen N. Reeves 6 NOVEMBER 2008			ALCAN COMPOSITES USA, INC. 208 WEST 5TH STREET BENTON, KY. 42025 270-527-4200	
	TITLE : DADE CO. - ALUCOBOND OVER STEEL DECKING ON WOOD OR METAL STUDS			
DWG NO. :	SHT NO. :	DWG DATE :	REV. DATE :	
ALU-1	2	01-05-06	08-29-08	
ALLEN N. REEVES, P.E. FLORIDA #19354				

DESCRIPTION:

THIS IS 4mm THICK ALUCOBOND, A NON-FIRE RATED COMPOSITE PANEL CONSISTING OF TWO 0.020" ALUMINUM FACE SHEETS WITH A LOW DENSITY POLYETHYLENE CORE. THE PANEL EDGES ARE FOLDED OVER AND THE FOLDED CORNERS ARE REINFORCED WITH 0.035" THICK ALUMINUM CORNER ANGLES WHICH ARE ATTACHED WITH #10x3/4" SHEET METAL SCREWS.

MATERIAL CHARACTERISTICS

1. ALUCOBOND WITH POLYETHYLENE CORE

DESCRIPTION	TEST	PROPERTIES
SELF IGNITION TEMP.	ASTM D1929	747°F
FLASH IGNITION TEMP.	ASTM D1929	678°F
RATE OF BURNING	ASTM D635	C1
FLAME SPREAD INDEX	ASTM E84	0
SMOKE DEVELOPMENT	ASTM E84	5

DESIGN PRESSURE RATING
 +90.0 PSF - 90.0 PSF
 LARGE MISSILE IMPACT RESISTANCE
 INSTALLED IN FRONT OF
 CONCRETE & MASONRY BLOCK WALLS

2. ALUMINUM SKINS

THICKNESS	0.02 INCHES
ALLOY	3003-H24
FINISH	PVDF PAINT

3. PANEL SIZES

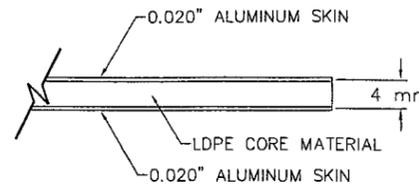
WIDTH	39", 48", 50", 60" & 62"
LENGTH	8', 10', 12', & 16'
THICKNESS	0.16 INCHES (4.00mm)

4. CONCRETE IN WALLS TO HAVE MINIMUM

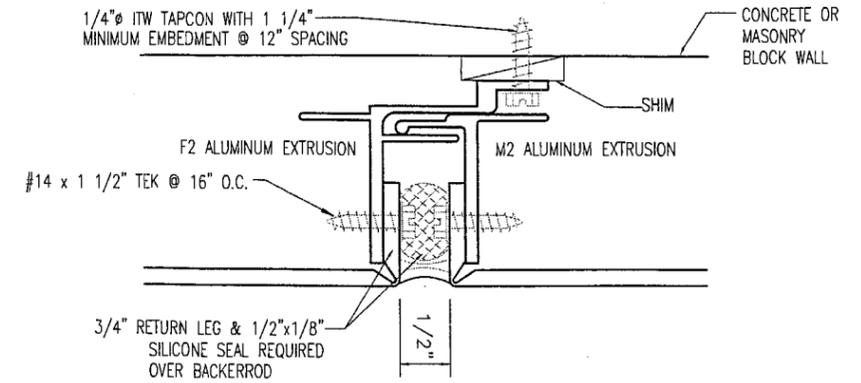
$F'_c = 3,200$ psi

5. MASONRY BLOCK WALLS

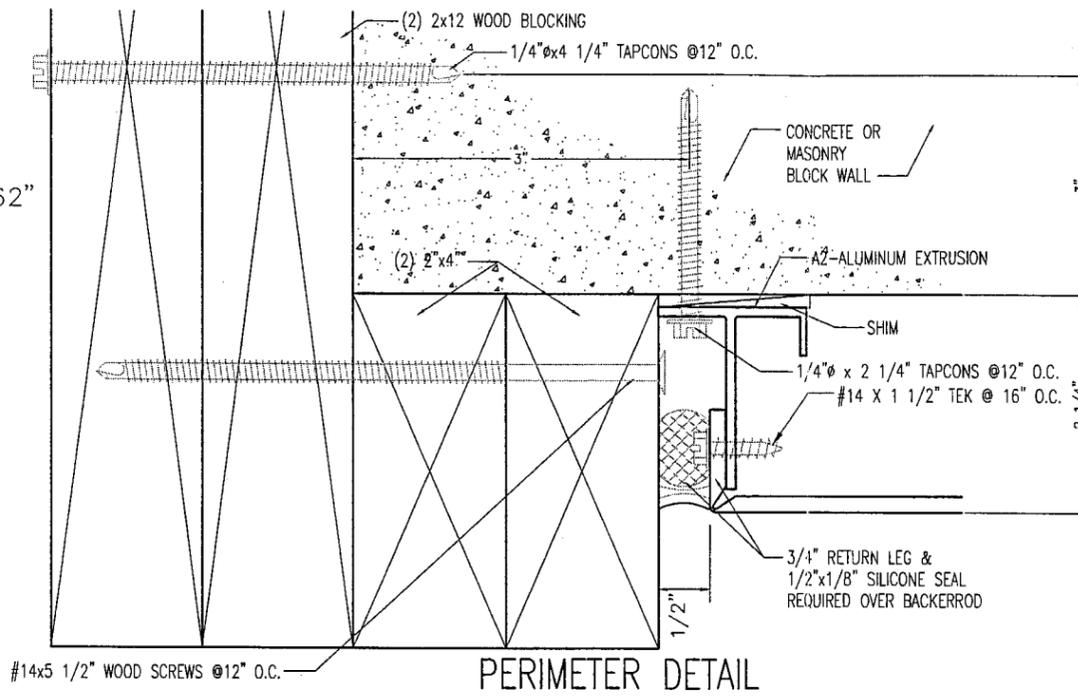
TO BE ASTM C90 TYPE.



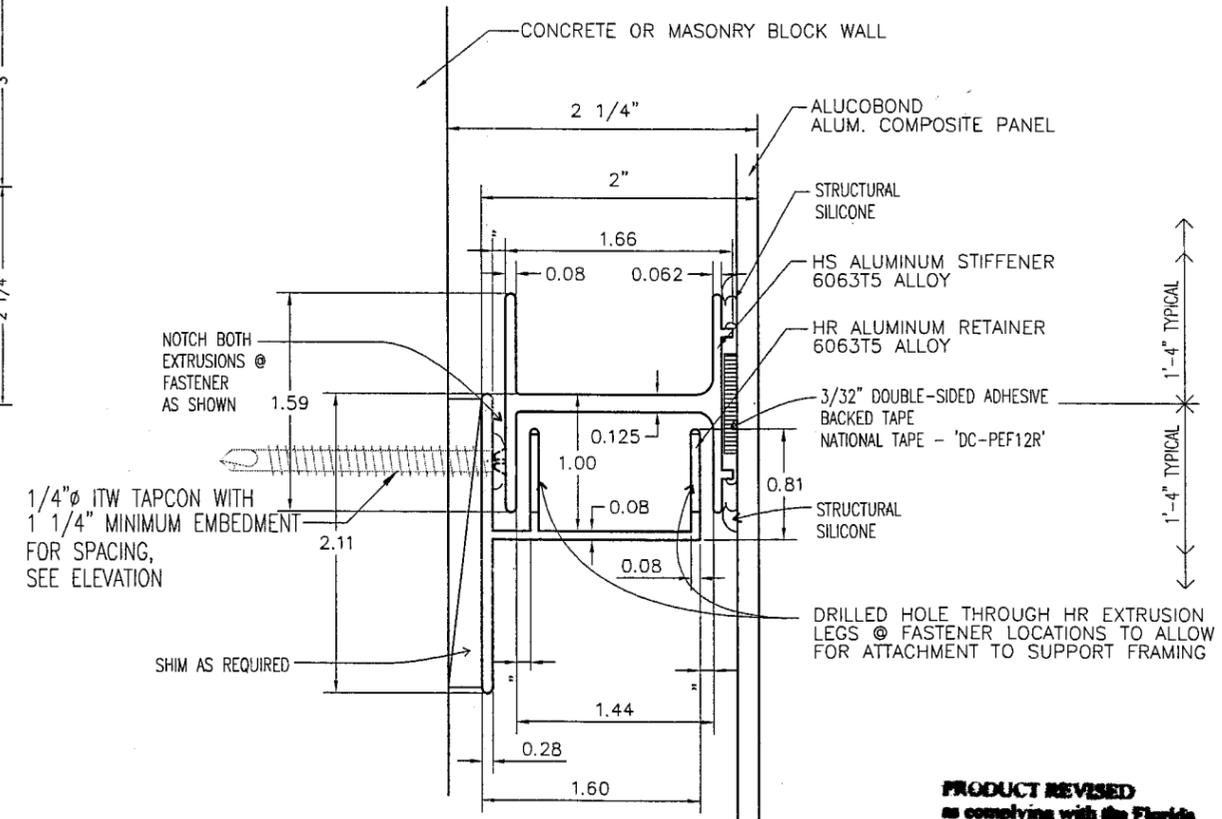
ALUCOBOND-ALUM.
COMPOSITE PANEL



HORIZONTAL & VERTICAL JT DETAIL



PERIMETER DETAIL

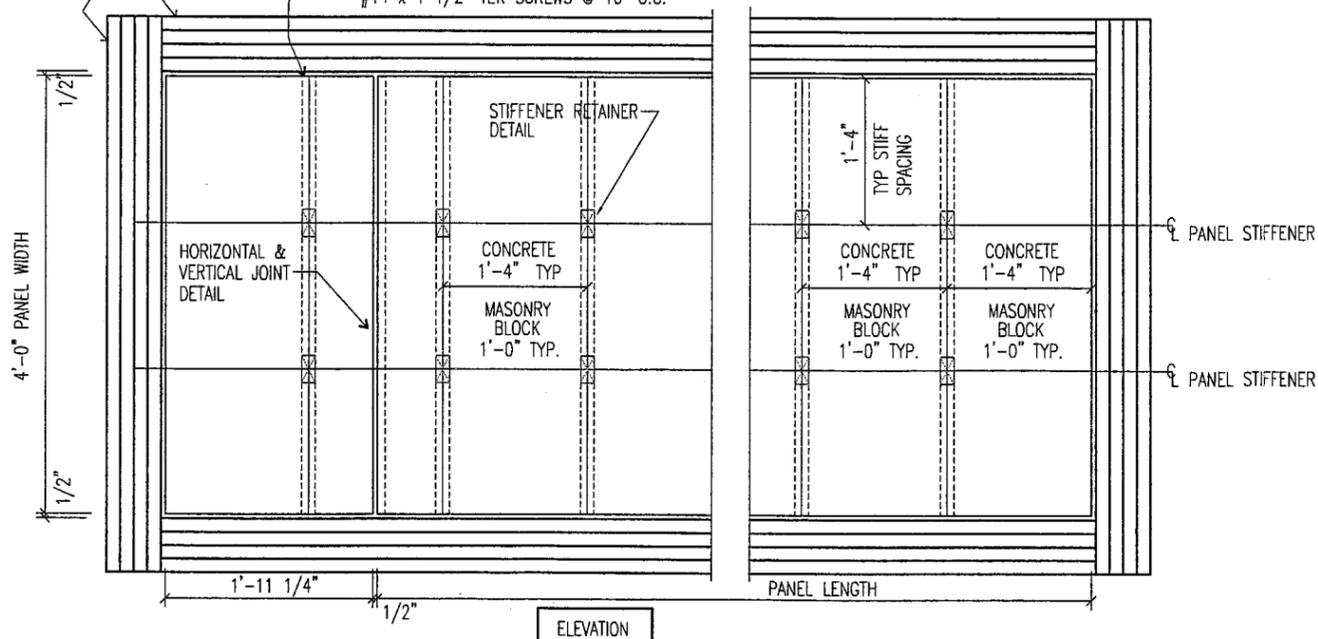


STIFFENER RETAINER DETAIL

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No 08-1210.10
 Expiration Date 07/31/2010
 By *[Signature]*
 Miami/Dade Product Control
 Division

WOOD BLOCKING (2) 2x12 & (2) 2x4,
SEE PERIMETER DETAIL

PANEL ATTACHED TO WOOD FRAME W/
 #14 x 1 1/2" TEK SCREWS @ 16" O.C.



ELEVATION

PRODUCT RENEWED
 as complying with the Florida
 Building Code
 Acceptance No 10-0426.14
 Expiration Date 07/31/2015
 By *[Signature]*
 Miami/Dade Product Control
 Division

Allen N. Reeves
 6 NOVEMBER 2008



ALCAN COMPOSITES USA, INC.

208 WEST 5TH STREET
 BENTON, KY. 42025
 270-527-4200

TITLE: DADE CO. - ALUCOBOND ON CONCRETE
 OR MASONRY BLOCK

DWG NO.: ALU-1 SHT NO.: 3 DWG DATE: 08-29-08 REV. DATE:

ALLEN N. REEVES, P.E. FLORIDA #19354