



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
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)

Kingspan Insulated Panels, Inc.
726 Summerhill Drive
Deland, FL 32724

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: "KS Series" Insulated Steel Wall Panel

APPROVAL DOCUMENT: Drawing No. 25-720-KS-ER, titled Kingspan Insulated Panels, Inc. "KS Series" Insulated Steel Wall Panel System, sheets 1 through 12 of 12, prepared by Cbuck Engineering, dated Jan. 25, 2026, last revision #7 dated Jan. 25, 2026, signed and sealed by James L. Buckner, P.E., on Jan. 26, 2026 bearing the Miami-Dade County Product Control Revision 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, Deland, FL; Caledon, ON; Langley, BC; Modesto, CA 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.

This NOA revises NOA #25-1029.02 and consists of this page 1, evidence submitted pages E-1, E-2, E-3 & E-4 as well as approval document mentioned above.

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



Helmy A. Makar
07/09/26

NOA No. 26-0129.01
Expiration Date: 02/04/2031
Approval Date: 07/09/2026

Kingspan Insulated Panels, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #15-0820.05

A. DRAWINGS

1. *Drawing No. 14-143-KS Series-ER.1, titled "KS Series Insulated Wall Panel System", sheets 1 through 10 of 10, prepared by Cbuck Engineering, dated 10/08/2015, revision #2 dated 01/26/2016, signed & sealed by James L. Buckner, P.E.*

B. TESTS

1. *Test report on Large Missile Impact Test per TAS 201, Cyclic Wind Pressure Test per TAS 203, and Uniform Static Air Pressure Test per TAS 202 on KS Series Insulated Steel Wall Panel, prepared by Farabaugh Engineering and Testing, Inc., Report # T151-15, dated 03/31/15, signed & sealed by Daniel G. Farabaugh, P.E.*
2. *Test report on Surface Burning Characteristics per ASTM E84-10 on KS Series Insulated Steel Wall Panel, prepared by Intertek, Report No. 100151273COQ-001, dated 11/02/2011.*

C. CALCULATIONS

1. *Calculations titled KS Series Insulated Wall Panel System, 3 pages, dated 11/16/15, prepared by Cbuck Engineering, signed & sealed by James L. Buckner, P.E.*

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. *FM Approval Report for various wall series produced with minimum 26 GA. Steel facers and the KSUSSB-01 PIR Foam System.*

2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #16-1130.01

A. DRAWINGS

1. *Drawing No. 16-162-KS Series-ER, titled Kingspan "KS Series" Insulated Steel Wall Panel, sheets 1 through 10 of 10, prepared by Cbuck Engineering, dated October 08, 2015, last revision #3 dated October 03, 2016, signed and sealed by James L. Buckner, P.E., on October 03, 2016.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *None.*

D. QUALITY ASSURANCE

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



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

1. *None.*

3. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #18-0118.16

A. DRAWINGS

1. *Drawing No. 16-162-KS Series-ER, titled Kingspan "KS Series" Insulated Steel Wall Panel, 10 sheets, prepared by CBuck Engineering, dated 01/06/18, revision #3 dated 10/03/16, signed and sealed by James L. Buckner, P.E., on 01/06/18.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *None.*

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. *None.*

4. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #20-1102.04

A. DRAWINGS

1. *Drawing No. 20-205-KS Series-ER, titled Kingspan "KS Series" Insulated Steel Wall Panel, sheets 1 through 10 of 10, prepared by Cbuck Engineering, dated Jan. 06, 2018, last revision #4 dated July 25, 2020, signed and sealed by James L. Buckner, P.E., on August 11, 2020.*

B. TESTS

1. *Test report per ASTM E84-10 on KS Series Insulated Steel Wall Panel, prepared by IFM Approvals, Report No. 3058165, dated 01/12/2018.*
2. *Test report on KS Series Insulated Steel Wall Panel, per ASTM E-72, prepared by Intertek, Report # 103238238TOR-007, dated 04/27/18, signed & sealed by Craig H. Wagner, P.E.*

C. CALCULATIONS

1. *None.*

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. *None.*



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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

5. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #23-1024.07

A. DRAWINGS

1. *Drawing No. 23-588-KS Series-ER, titled Kingspan "KS Series" Insulated Steel Wall Panel, sheets 1 through 10 of 10, prepared by Cbuck Engineering, dated October 15, 2023, last revision #5 dated October 15, 2023, signed and sealed by James L. Buckner, P.E., on October 15, 2023.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *None.*

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. *None.*

F. STATEMENTS

1. *Letter of compliance with the FBC, 2023 Edition, dated October 15, 2023, signed and sealed by James L. Buckner, P.E., on October 15, 2023.*

6. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #24-1218.02

A. DRAWINGS

1. *Drawing No. 24-695-KS-ER, titled Kingspan Insulated Panels, Inc. "KS Series" Insulated Steel Wall Panel System, sheets 1 through 10 of 10, prepared by Cbuck Engineering, dated June 04, 2025, last revision #6 dated June 04, 2025, signed and sealed by James L. Buckner, P.E., on June 05, 2025.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *Calculations titled KS Series Insulated Wall Panel System, 4 pages, dated 06/05/25, prepared by Cbuck Engineering, signed & sealed by James L. Buckner, P.E.*

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. *None.*



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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

7. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #25-1029.02

A. DRAWINGS

1. *None.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *None.*

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. *None.*

7. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. *Drawing No. 25-720-KS-ER, titled Kingspan Insulated Panels, Inc. "KS Series" Insulated Steel Wall Panel System, sheets 1 through 12 of 12, prepared by Cbuck Engineering, dated Jan. 25, 2026, last revision #7 dated Jan. 25, 2026, signed and sealed by James L. Buckner, P.E., on Jan. 26, 2026.*

B. TESTS

1. *Test report on KS Series Insulated Steel Wall Panel, per ASTM E-72, prepared by Farabaugh Engineering & Testing, Inc., Report # T283-22, dated 08/26/22, signed & sealed by Daniel G. Farabaugh, P.E., on 08/26/22.*

C. CALCULATIONS

1. *None.*

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. *None.*



Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
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The following pages in this document were submitted by the manufacturer (third party) to represent the product being approved and establish the limits of use. The pages may include technical drawings, schematics and installation details.

Engineering Report & Drawings of Kingspan Insulated Panels, Inc.

"KS Series"

Insulated Wall Panel System

For

Miami-Dade Notice of Acceptance (N.O.A.)

Category: Panels
Sub - Category: Wall

Product Type: Insulated Metal Wall Panel System
Interior & Exterior Facing Material: Steel
Core Material: Polyisocyanurate Foam

Prepared by:

James L. Buckner, P.E.

Florida Professional Engineer # 31242

Report No.: Report 25-720-KS-ER

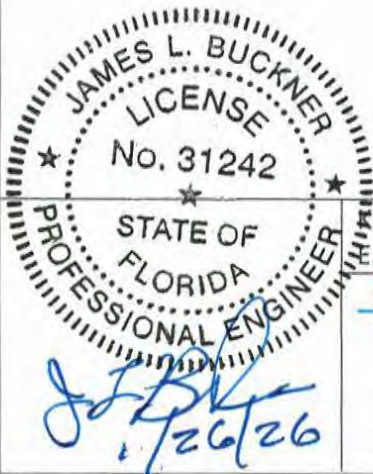
Revises: Report 24-695-KS-ER
Report 23-588-KS Series-ER
Report 20-205-KS Series-ER
Report No. 16-162-KS Series-ER

Date: 01 / 25 / 26

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PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 26-0129.01
Expiration Date 02/04/2031
By H. S. A. M. M.
Miami Dade Product Control



KINGSPAN "KS SERIES" INSULATED STEEL WALL PANEL ENGINEERING REPORT

CBUCK Engineering
Specialty Structural Engineering
CBUCK, Inc. COA #8064
www.cbuckinc.net
(561) 491-9927
1374 Community Dr.
Jupiter, FL 33458

MANUFACTURER:
Kingspan Insulated Panels, Inc.
726 Summerhill Drive
Deland, FL 32724

DATE:	01 / 25 / 26
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PROJECT #:	20-205 & 23-588&23-588-KS
DRAWN BY:	YD & JLB
REV. 7:	

1.0 Product:

- 1.1 **Manufacturer:** Kingspan Insulated Panels, Inc.
- 1.2 **Product Name:** "KS Series" Insulated Steel Wall Panel
- 1.3 **Category:** Panels
- 1.4 **Subcategory:** Wall

2.0 Evaluation Scope:

2.1 Evaluation Criteria:

- 2.1.1 Florida Building Code (FBC) 7th Edition (2020) and FBC 8th (2023)
- 2.1.2 Code Section: High Velocity Hurricane Zone (HVHZ)
- 2.1.3 Miami-Dade Department Of Regulatory And Economic Resources, Product Control Section Checklist # 0250

2.2 Properties Evaluated:

- 2.2.1 Wind Resistance Properties
 - 2.2.1.1 Air Infiltration per TAS 202
 - 2.2.1.2 Uniform Static Air Pressure per TAS 202
 - 2.2.1.3 Water Resistance per TAS 202
 - 2.2.1.4 Large Missile Impact per TAS 201
 - 2.2.1.5 Cyclic Wind Pressure per TAS 203
- 2.2.2 Material Properties
 - 2.2.2.1 Tensile Strength per ASTM A370
- 2.2.3 Fire and Flame Properties
 - 2.2.3.1 Flame Spread Index per ASTM E84
 - 2.2.3.2 Smoke Developed Index per ASTM E84
 - 2.2.3.3 Self-Ignition Temperature per ASTM D1929

2.3 Limits of Evaluation:

This product is limited to compliance with the criteria in section 2.1 and properties in section 2.2 of this report.

3.0 Evaluated Uses:

Kingspan "KS Series" Insulated Wall Panels are evaluated for use as nonbearing exterior wall panels.

4.0 Assembly Description:

4.1 General:

Kingspan "KS Series" Insulated Wall Panel systems are factory assembled sandwich panels with steel facings and polyisocyanurate foam core. These panels are applied vertically. The panels have a tongue and groove interlocking edges. The panels are anchored to supports with clips and screws.

4.2 Panel Dimensions:

- 4.2.1 Coverage Width: 42 in. Maximum
24 in. Minimum
- Overall Thicknesses: 2 in, 2.5 in, 3 in, 4 in, 5 in, & 6 in

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5.0 Support:

The Support assembly is designed by others and shall have the following minimum Characteristics:

- 5.1 Type: Horizontal Girts or Vertical Studs
- 5.2 Material: Steel
- 5.3 Thickness: 14 Ga.
- 5.4 Yield Strength: 50 ksi Minimum
- 5.5 Support Spacing: Refer to Table Below

6.0 Performance:

6.1 Wind Resistance:

PANEL DESCRIPTION	SUPPORT SPACING (ft.)	TABLE "A" ALLOWABLE DESIGN LOADS (psf)			
		Single Span		Double Span	
		Positive	Negative	Positive	Negative
Min. 26 Ga. Steel Interior & Exterior skin Panel Core Thicknesses: 2", 2.5", 3", 4", 5", & 6"	4 ft	70	- 90	70	- 90
	5 ft	63	- 80	63	- 80
	6 ft	58	- 72	58	- 72
	7 ft	52	- 62	52	- 62
	8 ft	46	- 53	46	- 53
	9 ft	41	- 44	41	- 44
	10 ft	35	- 35	35	- 35
Notes: - Allowable design pressure(s) for allowable stress design (ASD). - Fastener Attachment to Steel Supports May Be Designed By A Qualified Design Professional As Required By The Florida Building Code For Site Specific Projects. - Diaphragm and axial load capacity are not included in this evaluation.					

6.2 Air Infiltration:

Standard: TAS 202
Results: Passed

6.3 Water Infiltration:

Standard: TAS 202
Results: Passed

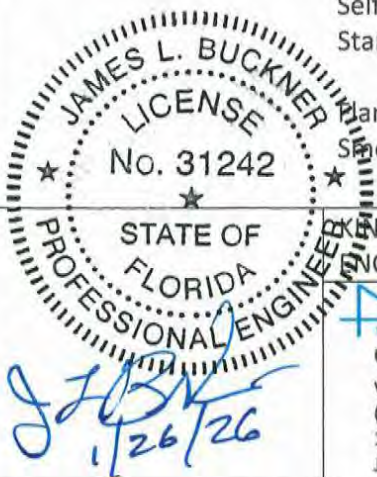
6.4 Impact Rating:

Type: Large Missile Impact:
Standard: TAS 201
Results: Passed

6.5 Fire Classification:

Standard:	ASTM D1929	
	Required	Tested
Self Ignition Temperature:	> 650° F	878° F
Standard:	ASTM E 84	
	Required	Tested
Flame Spread Index:	< 75	26
Smoke Developed Index:	< 450	255

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Miami Design Product Control



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7.0 Installation:

Each panel shall be fastened at the joints to the supports with ONE 12 ga. hidden fastener clip (per section 12.2) and TWO 1/4"-14 HWH TEK3 self-drilling screws per clip (per section 12.3).

In addition, attach the interior face of each panel with four #10 Fab-Lok fasteners (per section 12.4), at each panel intermediate to supports at 8.4" o.c. maximum.

All bolts and washers shall be galvanized or stainless steel of 60 ksi minimum

The connection of the steel channel to the existing supporting structure is not part of this product control approval and it shall be submitted to permitting jurisdiction for review and approval.

Refer to Drawings on pages 6 through 10 of this report for supplemental installation guide.

8.0 Limitations of Use:

8.1 The panel supports shall be 14 gauge minimum.

8.2 Maximum support spacing shall not be exceeded.

8.3 The panels shall be supported by structural framing members complying with the Miami-Dade (Florida High velocity zone) code.

8.4 Panel shall not be used as axial load bearing components and shall not be intended / designed to act as a diaphragm.

8.5 The engineer of record or architect shall verify that the supporting structure is capable of resisting the superimposed loads from the wall panel system and that the supporting structure is capable of providing lateral stability to carry the wind loads to the building foundation.

9.0 Code Compliance

9.1 Product meets the High Velocity Hurricane Zone (HVHZ) Requirements of the Florida Building Code, 7th Edition (2020) and 8th Edition (2023) for the properties evaluated.

10.0 Identification:

10.1 Each Panel shall bear a permanent label with the manufacturer's name or logo, manufacturing plant's city, state and the statement reading "Miami-Dade County Product Control Approved" is to be located on each panel.

11.0 Reference Data:

11.1 TAS 201, 202 & 203 – Large Missile Impact Test, Air Infiltration Test, Uniform Static Air Pressure Test & Water Resistant Test. & Cyclic Wind Pressure Loading, respectively.

Report No.: T151-15 Report Date: 3/31/15

By: Farabaugh Engineering & Testing, Inc.

11.2 TAS 201, 202 & 203 – Large Missile Impact Test, Air Infiltration Test, Uniform Static Air Pressure Test & Water Resistant Test. & Cyclic Wind Pressure Loading, respectively.

Report No.: T152-15 Report Date: 3/31/15

By: Farabaugh Engineering & Testing, Inc.

11.3 TAS 201, 202 & 203 – Large Missile Impact Test, Air Infiltration Test, Uniform Static Air Pressure Test & Water Resistant Test. & Cyclic Wind Pressure Loading, respectively.

Report No.: T153-15 Report Date: 3/31/15

By: Farabaugh Engineering & Testing, Inc.

PRODUCT REVISED
as complying with the Florida
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By: H. G. A. Miller
Miami Dade Product Control



KINGSPAN "KS SERIES" INSULATED STEEL WALL PANEL
ENGINEERING REPORT

CBUCK Engineering
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11.4 ASTM E 84 – Flame Spread Index /Smoke Density

Report Number: 100151273CO-001 Report Date: 12/10/10, Revision Date: 11/2/11
By: Intertek

11.5 ASTM E-72 Transverse Load.Strength Test of Panels (Connection Strength Test)
Accent Fin + KS Panels

Report No.: T283-22 Report Date: 8/26/2022
By: Farabaugh Engineering & Testing, Inc.

12.0 Product Components:

12.1 KS Series Insulated Metal Wall Panel

(A) Panel Exterior Face

The panel has a steel face. The panel exterior face is available in various architectural finishes & profiles.

12.1.1 Material: Steel
12.1.2 Thickness: 26 Gauge (t = 0.018 in Min.)
12.1.3 Yield Strength: 47.2 ksi Minimum
12.1.4 Corrosion Resistance: Aluminum Zinc coated Steel per ASTM A792 AZ50
Or Galvanized Steel per ASTM A653 G-90

(B) Panel Core

The Core is either: Foamed-in-Place Polyisocyanurate (PIR)
or Quadcore rigid foam insulation

12.1.5 Density of Foam: 2.2 pcf

(C) Panel Interior Face

The panel has a steel face. The panel interior face is available in various finishes.

12.1.6 Material: Steel
12.1.7 Thickness: 26 Gauge (t = 0.018 in Min.)
12.1.8 Yield Strength: 47.2 ksi Minimum
12.1.9 Corrosion Resistance: Aluminum Zinc coated Steel per ASTM A792 AZ50
Or Galvanized Steel per ASTM A653 G-90

12.2 Hidden Fastener Clip:

This is the standard clip used between panels to secure the panel to the steel support

12.2.1 Material: Stainless Steel
12.2.2 Thickness: 12 Gauge
12.2.3 Nominal Dimension: 2.25" Long x 0.75" Wide
12.2.4 Corrosion Resistance: Stainless per ASTM A240

12.3 Clip Fasteners:

This fastener is used to attach the panel to the steel support at the panel seam

12.3.1 Type: HWH TEK 3 Self-drilling Screw
12.3.2 Size: #1/4" - 14
12.3.3 Head: 1/2" Minimum penetration through support flange
Hex head

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By: *Healy A. Mc*
Miami Data Product Control



KINGSPAN "KS SERIES" INSULATED STEEL WALL PANEL
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12.4 Intermediate Fasteners:

This fastener is used to attach as follows:

Option #1 Fab-Lock Screw

Location: Thru interior steel girt into interior face of wall panel

Spacing: 8.4 Inches on center

Size: #10 – 4 x 1"

Alternate Options #2 Blazer Drill Screw by Triangle Fastener Corporation

Location: Thru the exterior panel face & thru the panel and anchor
to interior steel girt

Spacing: 8.4 inches on center

Size: ¼ - 14 DP3 Head size : 5/16 inch HWH

12.5 Optional Appearance: Option Accent Fin

Fin Material: Aluminum

Size Projection: 3 inches or 6 inches

Fin Length: 10 FT

Thickness Schedule:

3" Extruded Fin = 0.076 "

3" Press Broken = 0.060"

6" Extruded = 0.110"

6 Press Broken = 0.063

Location: in Panel Joint

Attachment:

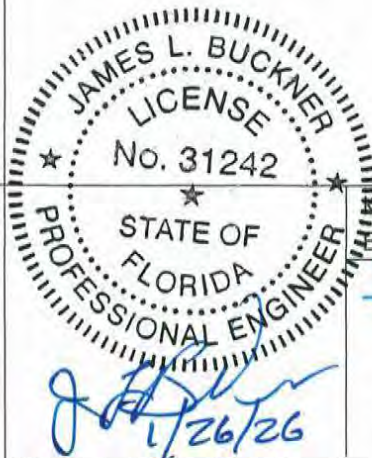
Interlock Joint at Support Plus 1/ 4" Diameter screw Fastener to Panel Support

Fastener Spec.: One 1/ 4" -20 x4" LG HWH TEK 5 Screw

PRODUCT REVISED
as complying with the Florida
Building Code

Acceptance No. 26-0129.01
Expiration Date 02/04/2031

By: *Hely A. McLean*
Miami Dade Product Control



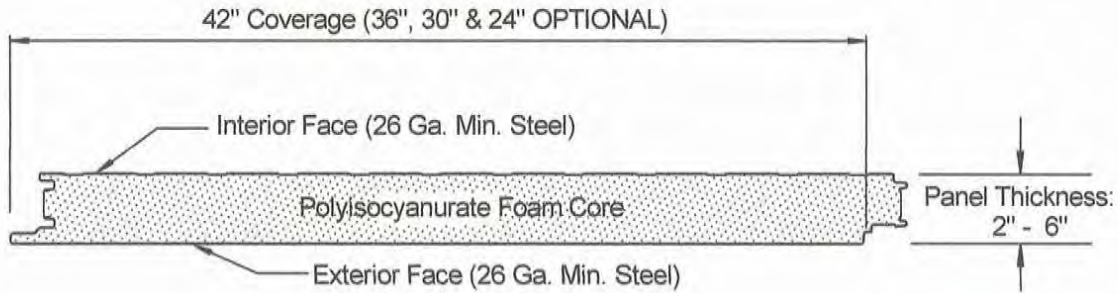
KINGSPAN "KS SERIES" INSULATED STEEL WALL PANEL ENGINEERING REPORT

CBUCK Engineering
Specialty Structural Engineering
CBUCK, Inc. COA #8064
www.cbuckinc.net
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MANUFACTURER:
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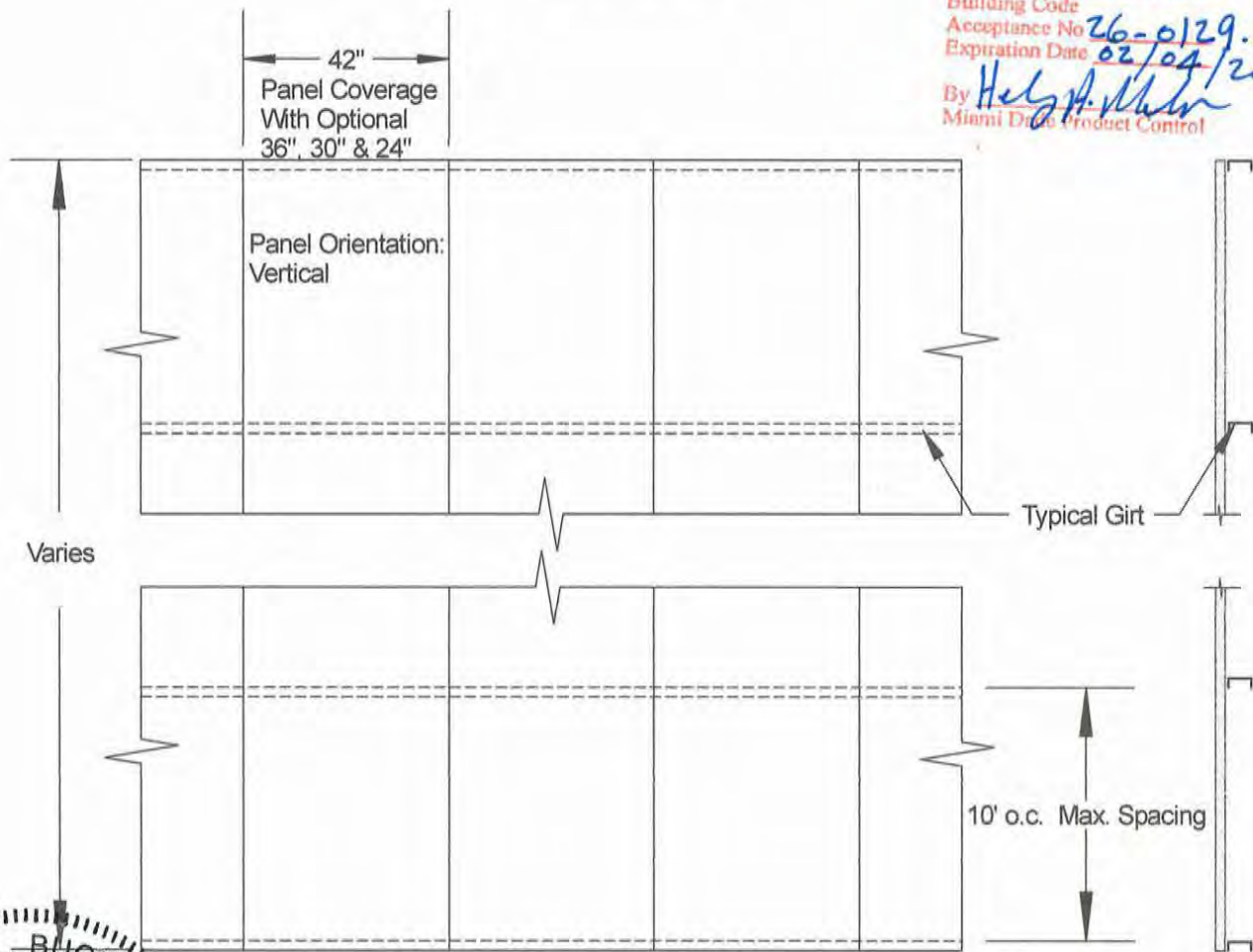
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KINGSPAN INSULATED PANELS, INC. "KS Series" INSTALLATION DRAWINGS



Profile

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 26-0129.01
Expiration Date 02/04/2031
By *Helga A. Miller*
Miami Date Product Control



Typical Elevation View

Typical Section View

Outside of Wall Assembly to Horizontal Supports

KINGSPAN "KS SERIES" INSULATED STEEL WALL PANEL
ENGINEERING REPORT

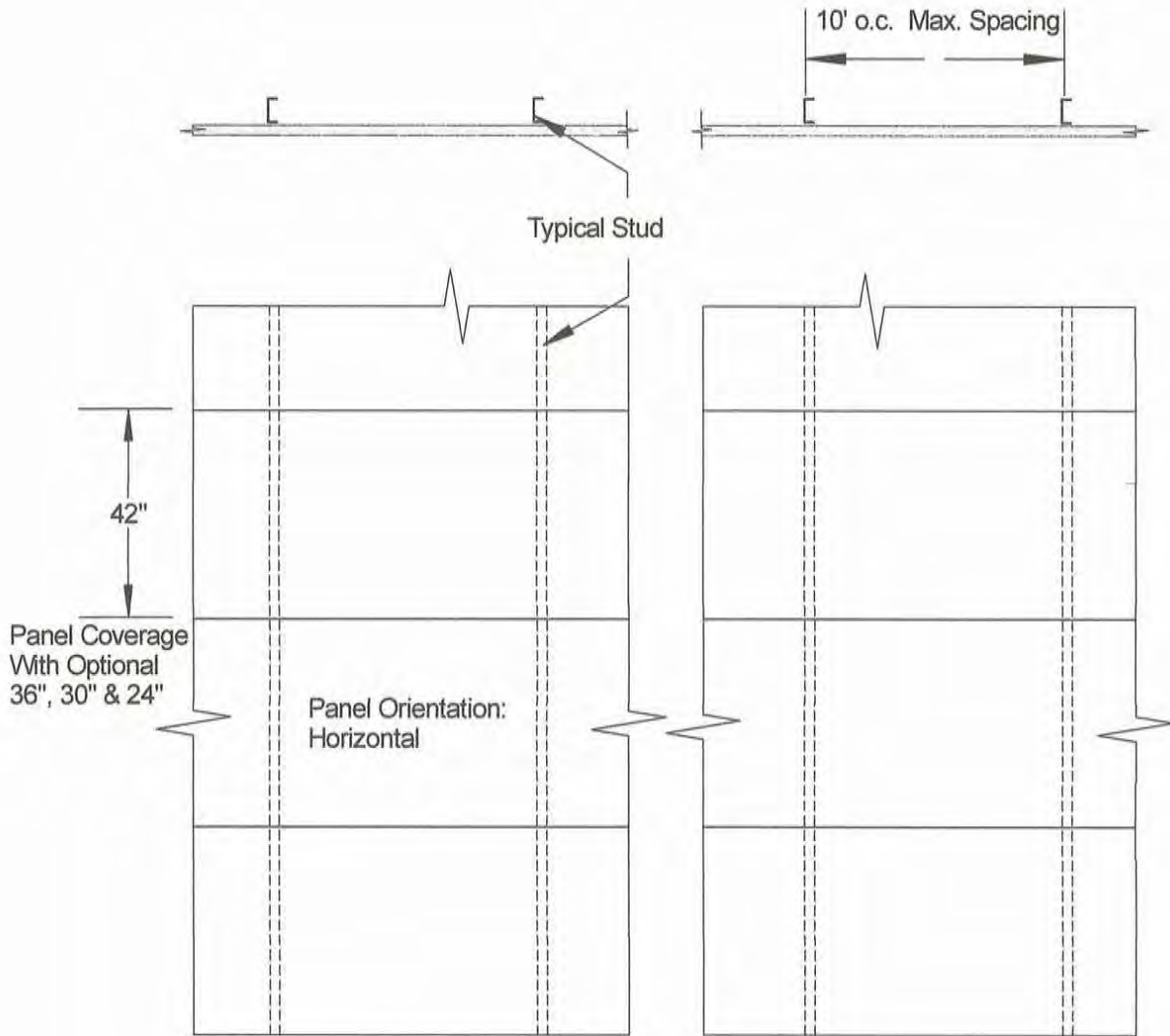
CBUCK Engineering
Specialty Structural Engineering
CBUCK, Inc. COA #8064
www.cbuckinc.net
(561) 491-9927
1374 Community Dr.
Jupiter, FL 33458

MANUFACTURER:
Kingspan Insulated Panels, Inc.
726 Summerhill Drive
Deland, FL 32724

DATE:	01 / 25 / 26
PAGE #:	7 OF 12
REPORT #:	25-720-KS-ER
PROJECT #:	20-205 & 23-588&23-588-KS
DRAWN BY:	YD & JLB
REV. 7:	

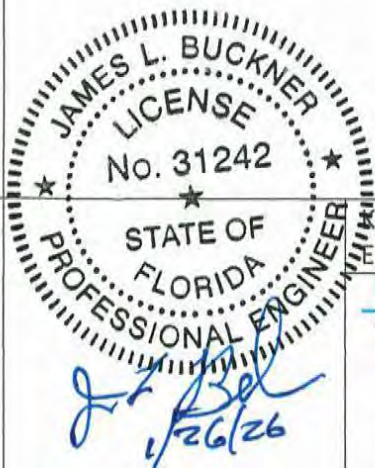


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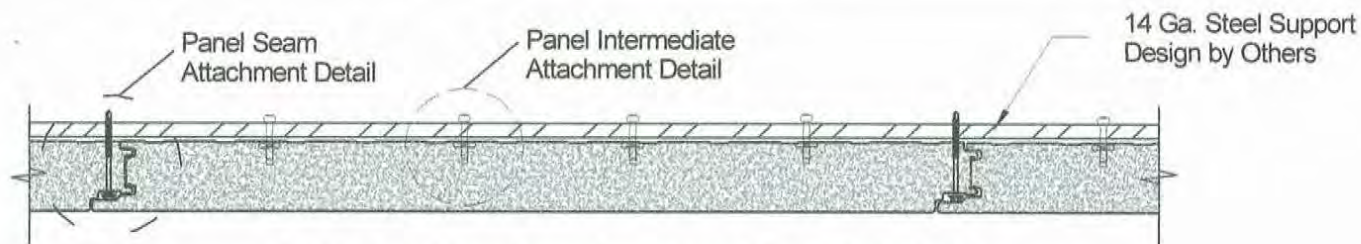
**Typical Elevation View
Outside of Wall Assembly to Vertical Supports**

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Miami Date Product Control

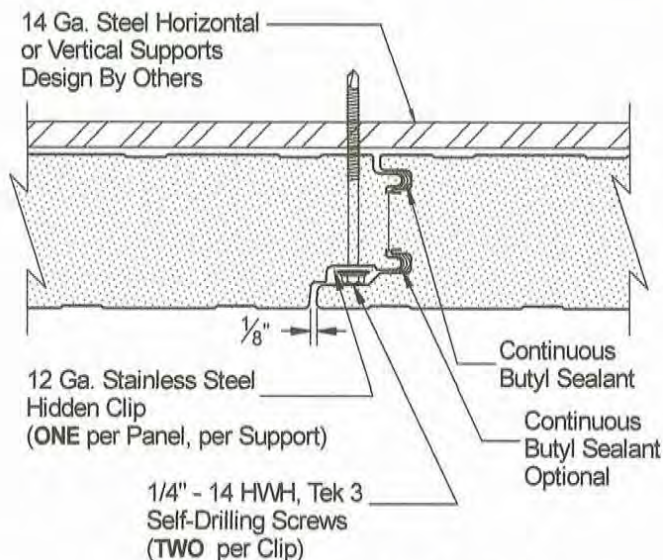


**KINGSPAN "KS SERIES" INSULATED STEEL WALL PANEL
ENGINEERING REPORT**

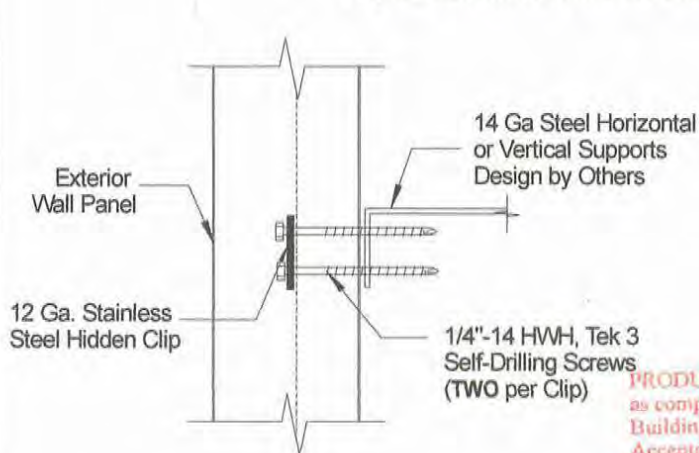
 CBUCK, Inc. COA #8064 www.cbuckinc.net (561) 491-9927 1374 Community Dr. Jupiter, FL 33458	MANUFACTURER: Kingspan Insulated Panels, Inc. 726 Summerhill Drive Deland, FL 32724	DATE: 01 / 25 / 26 PAGE #: 8 OF 12 REPORT #: 25-720-KS-ER PROJECT #: 20-205 & 23-588&23-588-KS DRAWN BY: YD & JLB REV. 7:
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Typical Panel Attachment for Both Horizontal & Vertical Supports

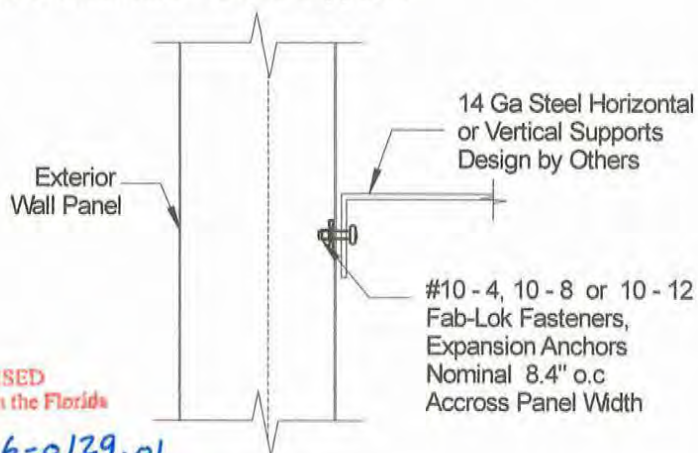


Typical Panel Joint Section View
Clip & Fasteners at Panel Seam to Both Horizontal & Vertical Supports



Typical Side Section View

Clip & Fasteners at Panel Seam to Support



Typical Side Section View

Panel Intermediate Attachment Support
Option #1 Fab-Lok or Option #2 Thru Screw
(See page 5, section 12.4 for Details)

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Miami Code Product Control



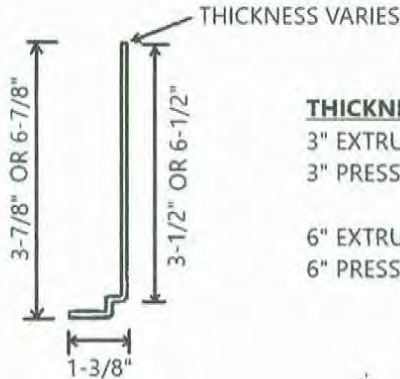
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Optional Accent Fins

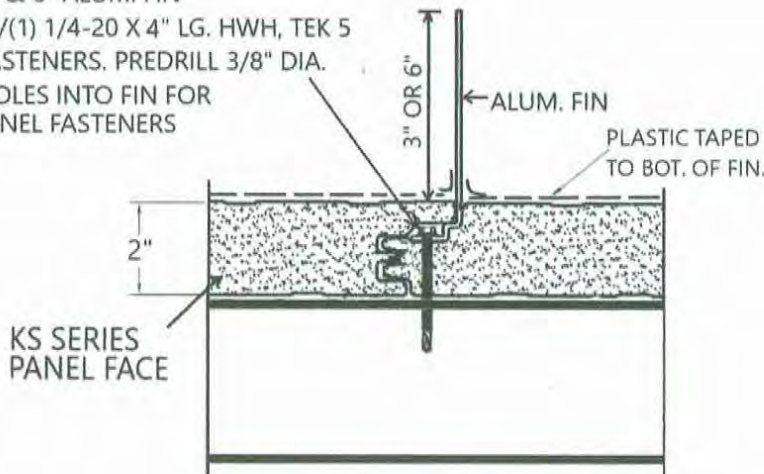


THICKNESS SCHEDULE

- 3" EXTRUDED FIN - 0.076"
- 3" PRESS-BROKEN FIN - 0.060"
- 6" EXTRUDED FIN - 0.110"
- 6" PRESS-BROKEN FIN - 0.063"

3" & 6" ALUM. FINS

3" & 6" ALUM. FIN
W/(1) 1/4-20 X 4" LG. HWH, TEK 5
FASTENERS. PREDRILL 3/8" DIA.
HOLES INTO FIN FOR
PANEL FASTENERS



INTERLOCK JOINT AT SUPPORT

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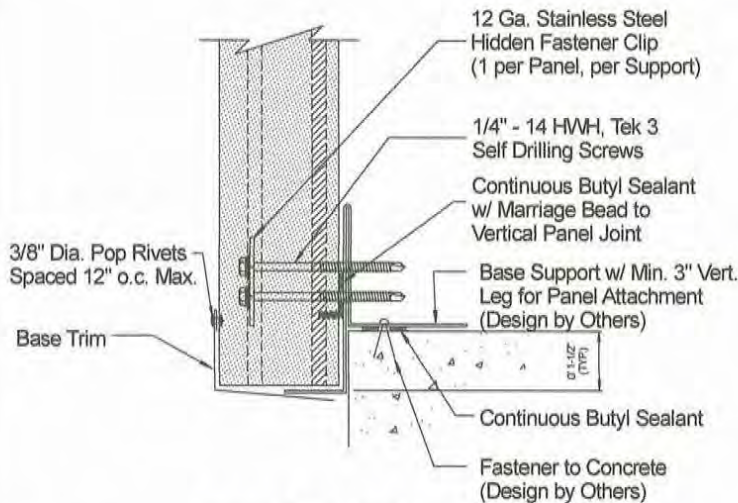
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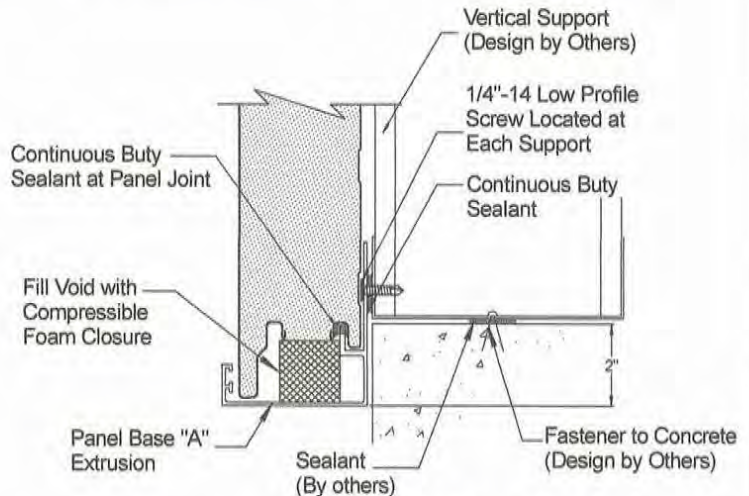
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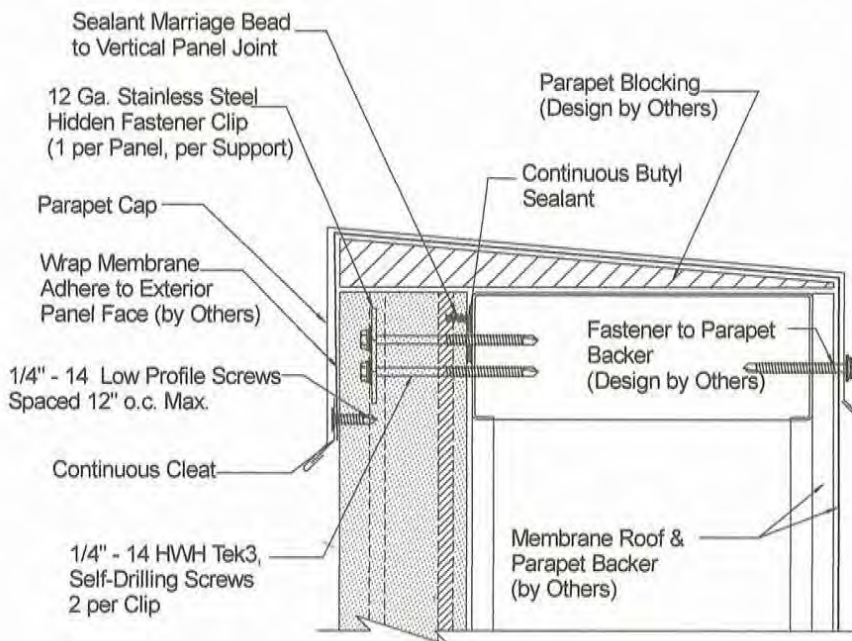
"KS Series" INSTALLATION DRAWINGS



Typical Base condition
For Panel Installed Vertically to Horizontal supports



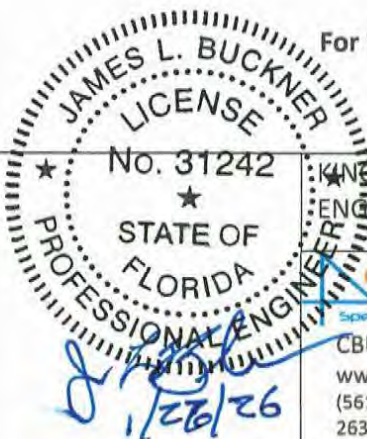
Typical Base condition
For Panel Installed Horizontally to Vertical supports



Typical Top condition
For Panels Installed to Both Horizontal and Vertical Supports

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By Hely A. Miller
Miami Design Product Control

- NOTES:**
1. SUPPLEMENTAL ATTACHMENT DETAILS DESIGNED BY OTHERS
 2. REFER TO MANUFACTURER FOR FASTENER, CAULKING SPECIFICATIONS & SUPPLEMENTAL ATTACHMENT DETAILS



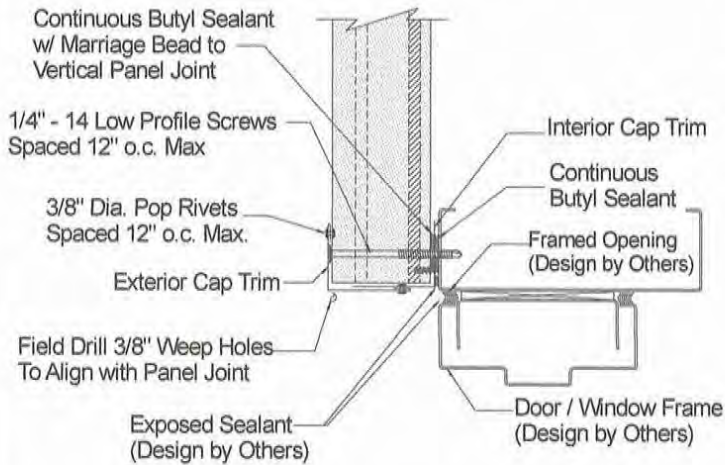
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2637 E. Atlantic Blvd, # 34026
Pompano Beach, FL 33062

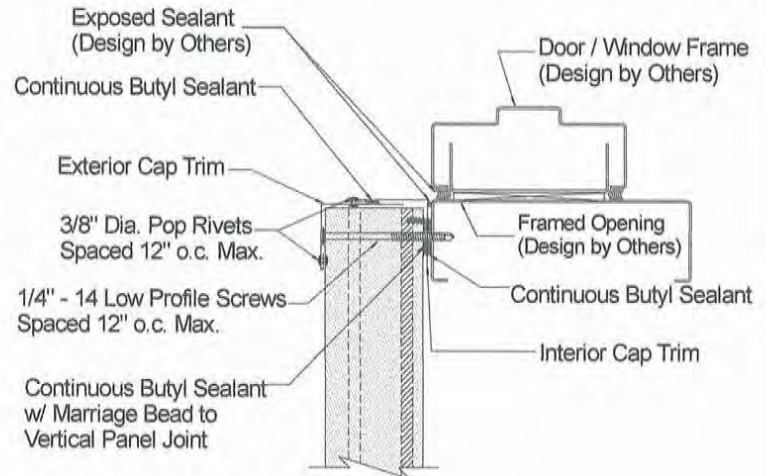
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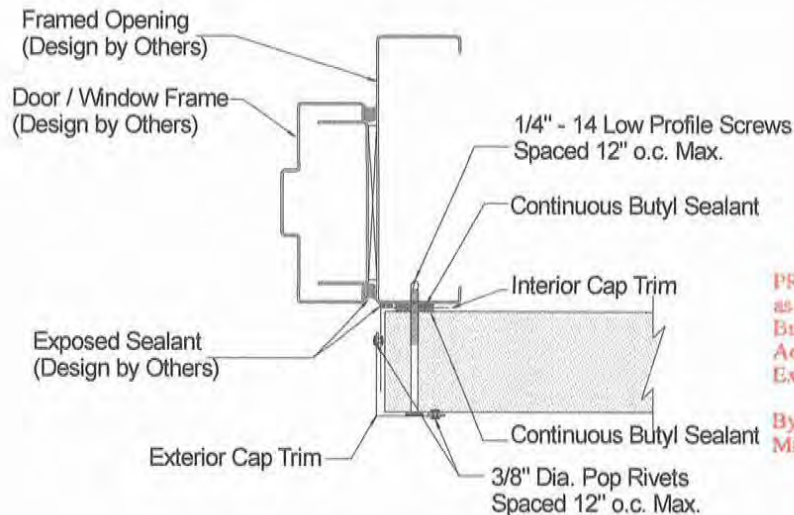
KINGSPAN INSULATED PANELS, INC. "KS Series" INSTALLATION DRAWINGS



Typical Head Condition



Typical Sill Condition

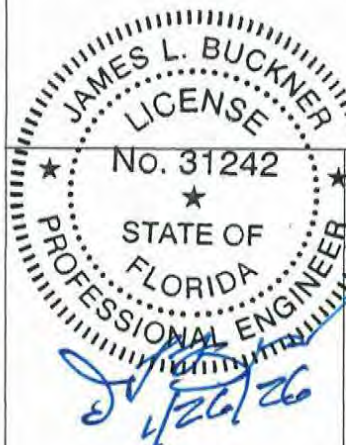


Typical Jamb Condition

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Miami Dade Product Control

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3. SUPPLEMENTAL ATTACHMENT DETAILS
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4. REFER TO MANUFACTURER FOR FASTENER,
CAULKING SPECIFICATIONS &
SUPPLEMENTAL ATTACHMENT DETAILS



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REV. 6: