



NEMO|etc.

Certificate of Authorization #32455
353 Christian Street, Unit #13
Oxford, CT 06478
(203) 262-9245

ENGINEER

TEST

CONSULT

P.E. EVALUATION REPORT (PEER)

Amrize Building Envelope LLC (Elevate UNA-Clad / GenFlex / Exceptional Metals)

26 Century Blvd
Nashville, TN 37214
(317) 572-4100

PEER-HSP-014.A.R12

FL12094-R12 (NON-HVHZ)

Date of Issuance: 02/06/2009

Revision 12: 08/18/2026

SCOPE:

This P.E. Evaluation Report (henceforth 'PEER') is issued under **F.A.C. Rule 61G20-3** and the applicable rules and regulations governing the use of construction materials in the State of Florida. The documentation submitted has been reviewed by Robert Nieminen, P.E. for compliance with the **9th Edition (2026) Florida Building Code** [sections noted herein](#).

DESCRIPTION: Elevate UNA-CLAD™ Delta Series / GenFlex UNA-CLAD™ Delta Series / Exceptional Metals DefendEX Concealed Fastener Metal Wall Panel Systems

LABELING: Labeling shall be in accordance with the requirements of the Accredited Quality Assurance Agency noted herein.

CONTINUED COMPLIANCE: This PEER is valid until such time as the named product(s) changes, the referenced Quality Assurance or production facility location(s) changes, or Code provisions that relate to the product(s) change. Acceptance of our PEERs by the named client constitutes agreement to notify NEMO ETC, LLC of any changes to the product(s), the Quality Assurance, or the production facility location(s). NEMO ETC, LLC requires a complete review of its PEER relative to updated Code requirements with each Code Cycle. Reference is made to the NEMO|etc. [Directory of P.E. Evaluations](#) to ascertain the status and/or current version of this PEER. If the PEER is not listed at the Nemo Directory, then it is no longer valid.

ADVERTISEMENT: "NEMO P.E. Evaluated" may be displayed in advertising literature. If any portion of the PEER is displayed, then it shall be in its entirety.

INSPECTION: Upon request, a copy of this entire PEER 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 PEER consists of pages 1 through 4, plus a 10-page Appendix.

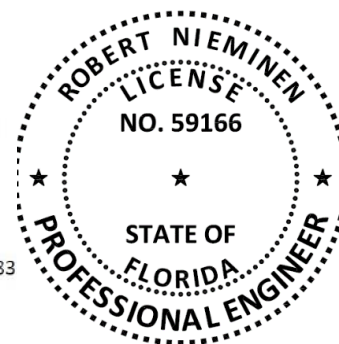
Prepared by:

**Digitally signed by
Robert Nieminen
Date: 2026.08.18
'12:22:15 -04'00**

This item has been digitally signed and sealed by Robert Nieminen, P.E.

Printed copies of this document are not considered signed and sealed, and the signature must be verified on any electronic copies.

Robert Nieminen, Florida P.E. 59166, FBC ANE1983
NEMO ETC, LLC, Florida CA #32455



CERTIFICATION OF INDEPENDENCE:

1. NEMO ETC, LLC does not have, nor does it intend to acquire or will it acquire, a financial interest in any company manufacturing or distributing products it evaluates.
2. NEMO ETC, LLC is not owned, operated or controlled by any company manufacturing or distributing products it evaluates.
3. Robert Nieminen, P.E. does not have nor will acquire, a financial interest in any company manufacturing or distributing products for which the PEERs are being issued.
4. Robert Nieminen, P.E. does not have, nor will acquire, a financial interest in any other entity involved in the approval process of the product.
5. This is a building code evaluation. Neither NEMO ETC, LLC nor Robert Nieminen, P.E. are, in any way, the Designer of Record for any project on which this PEER, or previous versions thereof, is/was used for permitting or design guidance unless retained specifically for that purpose.

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PANEL WALLS - SIDING EVALUATION:

1. SCOPE:

Product Category: Panel Walls

Sub-Category: Siding

Product Approval Method: Method 1, Option D: Codified Material, Evaluation by Engineer

Compliance Statement: Elevate UNA-CLAD™ Delta Series / GenFlex UNA-CLAD™ Delta Series / Exceptional Metals DefendEX Concealed Fastener Metal Wall Panel Systems, as produced by Amrize Building Envelope LLC (Elevate UNA-Clad / GenFlex / Exceptional Metals), have demonstrated compliance with the following sections of the 9th Edition (2026) Florida Building Code through testing in accordance with the following Standards. Compliance is subject to the [Installation Requirements](#) and [Limitations of Use](#) set forth herein.

2. STANDARDS:

SECTION	PROPERTY	STANDARD
1403.3, 1404.5.1	Wind resistance	AAMA 1402
1403.3, 1504.3.2	Wind resistance	ASTM E1592
1403.3, 1609.1	Wind resistance	ASTM E330

3. REFERENCES:

ENTITY	EXAMINATION	REFERENCE	DATE
ATI (TST1558)	ASTM E330 / AAMA 1402	A6659.01-602-44	04/05/2011
Force E&T (TST5328)	ASTM E1592	Summary of Results	04/26/2011
Force E&T (TST5328)	ASTM E1592	373-0059T-11A-N	04/19/2011
Force E&T (TST5328)	ASTM E1592	373-0085T-11A-N	06/01/2011
NEMO	Traceability	PCL GNFX	06/05/2026
NEMO	Traceability	PCL EXMT	06/05/2026
UL, LLC. (QUA 9625)	Quality Control	Service Confirmation	10/16/2025
UL, LLC. (QUA 9625)	Quality Control	Florida BCIS	Current

4. PRODUCT DESCRIPTION:

- 4.1 The following non-structural metal wall cladding panels are mechanically attached to Approved substrates, as outlined in the Limitations / Conditions of Use herein.

Elevate UNA-CLAD™ Delta Series Concealed Fastener Metal Wall Panel System is a wall panel consisting of formed, interlocking metal panels of various profiles. The system is mechanically attached.

This PEER covers:

Materials: Min. 24 ga. (0.025-inch), min. 33 KSI yield, coil-coated steel, or
Min. 0.032-inch, min. 20 KSI yield, coil-coated or anodized aluminum (3105-H14, 3105-H22, 3003-H14 & 5005-H34).

Profiles: CFP-12, CFP-12B, CFP-12F, CFP-12T, CFP-162B, CFP-162C, CFP-16B, CFP-16C, CFP-16F, CFP-16T and CFP-16TP (*See Appendix 1 for profile drawings and details*).

Clips: CFP-UNA 25G or CFP-UNA 275G; Min. 16 ga. (0.060-inch), min. 32 KSI, galvanized steel
CFP-UNA 25SS; Min. 16 ga. (0.060-inch), min. 47 KSI, stainless steel.

Configurations: Direct-Fasten or Hanger-Clip (*See Appendix 1*).

4.2 The following panels are interchangeable within the scope of this PEER:

TABLE 1: ACCEPTABLE ALTERNATES		
LISTED PANEL	ALTERNATES	
	GENFLEX	EXCEPTIONAL METALS
Elevate UNA-CLAD Delta CFP-12	GenFlex UNA-CLAD Delta CFP-12	DefendEX MWP12
Elevate UNA-CLAD Delta CFP-12B	GenFlex UNA-CLAD Delta CFP-12B	DefendEX MWP12B
Elevate UNA-CLAD Delta CFP-12F	GenFlex UNA-CLAD Delta CFP-12F	DefendEX MWP12F
Elevate UNA-CLAD Delta CFP-12T	GenFlex UNA-CLAD Delta CFP-12T	DefendEX MWP12T
Elevate UNA-CLAD Delta CFP-16B	GenFlex UNA-CLAD Delta CFP-16B	DefendEX MWP16B
Elevate UNA-CLAD Delta CFP-16C	GenFlex UNA-CLAD Delta CFP-16C	DefendEX MWP16C
Elevate UNA-CLAD Delta CFP-16F	GenFlex UNA-CLAD Delta CFP-16F	DefendEX MWP16F
Elevate UNA-CLAD Delta CFP-16T	GenFlex UNA-CLAD Delta CFP-16T	DefendEX MWP16T
Elevate UNA-CLAD Delta CFP-16TP	GenFlex UNA-CLAD Delta CFP-16TP	DefendEX MWP16TP
Elevate UNA-CLAD Delta CFP-162B	GenFlex UNA-CLAD Delta CFP-162B	DefendEX MWP162B
Elevate UNA-CLAD Delta CFP-162C	GenFlex UNA-CLAD Delta CFP-162C	DefendEX MWP162C

5. LIMITATIONS:

- 5.1 This is a building code evaluation. Neither NEMO ETC, LLC nor Robert Nieminen, P.E. are, in any way, the Designer of Record for any project on which this PEER, or previous versions thereof, is/was used for permitting or design guidance. PEERs are not to be construed as representing any attributes not specifically listed, nor are PEERs to be construed as an endorsement of the subject, or a recommendation for its use. There is no warranty by NEMO ETC, LLC or Robert Nieminen, P.E., express or implied, as to any finding or other matter in this PEER, or as to any product covered by the PEER.
- 5.2 This PEER is not for use in FBC High Velocity Hurricane Zone jurisdictions, as defined in FBC Chapter 2 (Broward and Miami-Dade Counties).
- 5.3 This PEER does not address fire-resistance-rating performance of the completed wall assemblies.
- 5.4 Wind Resistance:
 - 5.4.1 Limitations relating to design wind pressure resistance are outlined in Appendix 1.
 - 5.4.2 "MDP" = Maximum Design Pressure is the result of testing for wind load resistance based on allowable wind loads. Refer to **FBC 1609** for determination of project-specific design wind pressures. The MDP for the selected installation shall meet or exceed the design wind pressure requirement for the project for each pressure zone.
 - 5.4.3 **Elevate UNA-CLAD™ Delta Series / GenFlex UNA-CLAD™ Delta Series / Exceptional Metals DefendEX Concealed Fastener Metal Wall Panel Systems** are not intended for racking or shear resistance.
- 5.5 For existing substrates, the Authority Having Jurisdiction may require fasteners be tested in the existing substrate for withdrawal resistance. A qualified design professional shall review the data for comparison to the minimum requirements for the system.
- 5.6 Corrosion Resistance – Saltwater Environments:
Fasteners and connectors, if applicable, in areas within 3,000 feet of a saltwater coastline shall demonstrate compliance with FBC 1711 to the satisfaction of the Authority Having Jurisdiction.
- 5.7 All products in the wall assembly shall have QA audit in accordance with the **F.A.C. Rule 61G20-3**.

6. INSTALLATION:

- 6.1 **Elevate UNA-CLAD™ Delta Series Concealed Fastener Metal Wall Panel Systems** shall be installed in accordance with **Amrize Building Envelope LLC (Elevate UNA-Clad / GenFlex / Exceptional Metals)** published installation instructions, subject to the [Limitations of Use](#) noted herein.
- 6.2 Refer to FBC 1403.2 and 1403.5 for requirements concerning a water-resistive barrier.
- 6.3 Minimum system attachment requirements set forth in Appendix 1 shall not be exceeded.

7. BUILDING PERMIT REQUIREMENTS:

As required by the Building Official or Authority Having Jurisdiction to properly evaluate the installation of this product.

8. MANUFACTURING PLANTS:

Anoka, MN

9. QUALITY ASSURANCE ENTITY:

[UL, LLC – QUA9625](#): (360) 817-5512; bsai.inspections@ul.com

- THE 10-PAGES THAT FOLLOW FORM PART OF THIS PEER -

The following notes apply to the systems outlined herein:

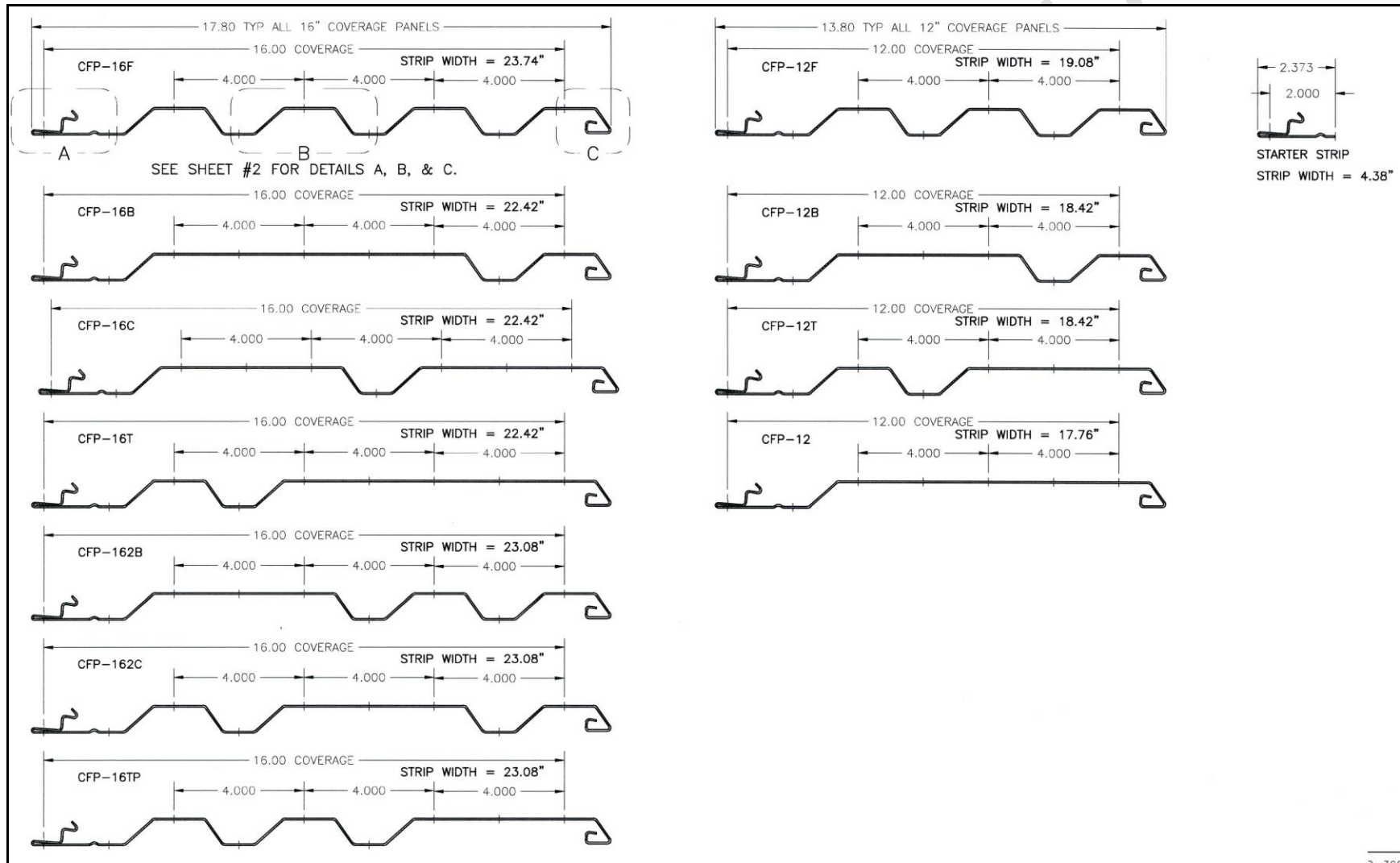
- 1 The evaluation herein pertains to wall-cladding components. Framing and sheathing shall be in accordance with FBC requirements to the satisfaction of the Authority Having Jurisdiction.
- 2 The following products are interchangeable within the scope of this PEER:

ACCEPTABLE ALTERNATES			
CATEGORY	LISTED PRODUCT HEREIN	ALTERNATE	
		GENFLEX	EXCEPTIONAL METALS
SIDING PANEL	Elevate UNA-CLAD Delta CFP-12	GenFlex UNA-CLAD Delta CFP-12	DefendEX MWP12
	Elevate UNA-CLAD Delta CFP-12B	GenFlex UNA-CLAD Delta CFP-12B	DefendEX MWP12B
	Elevate UNA-CLAD Delta CFP-12F	GenFlex UNA-CLAD Delta CFP-12F	DefendEX MWP12F
	Elevate UNA-CLAD Delta CFP-12T	GenFlex UNA-CLAD Delta CFP-12T	DefendEX MWP12T
	Elevate UNA-CLAD Delta CFP-16B	GenFlex UNA-CLAD Delta CFP-16B	DefendEX MWP16B
	Elevate UNA-CLAD Delta CFP-16C	GenFlex UNA-CLAD Delta CFP-16C	DefendEX MWP16C
	Elevate UNA-CLAD Delta CFP-16F	GenFlex UNA-CLAD Delta CFP-16F	DefendEX MWP16F
	Elevate UNA-CLAD Delta CFP-16T	GenFlex UNA-CLAD Delta CFP-16T	DefendEX MWP16T
	Elevate UNA-CLAD Delta CFP-16TP	GenFlex UNA-CLAD Delta CFP-16TP	DefendEX MWP16TP
	Elevate UNA-CLAD Delta CFP-162B	GenFlex UNA-CLAD Delta CFP-162B	DefendEX MWP162B
	Elevate UNA-CLAD Delta CFP-162C	GenFlex UNA-CLAD Delta CFP-162C	DefendEX MWP162C

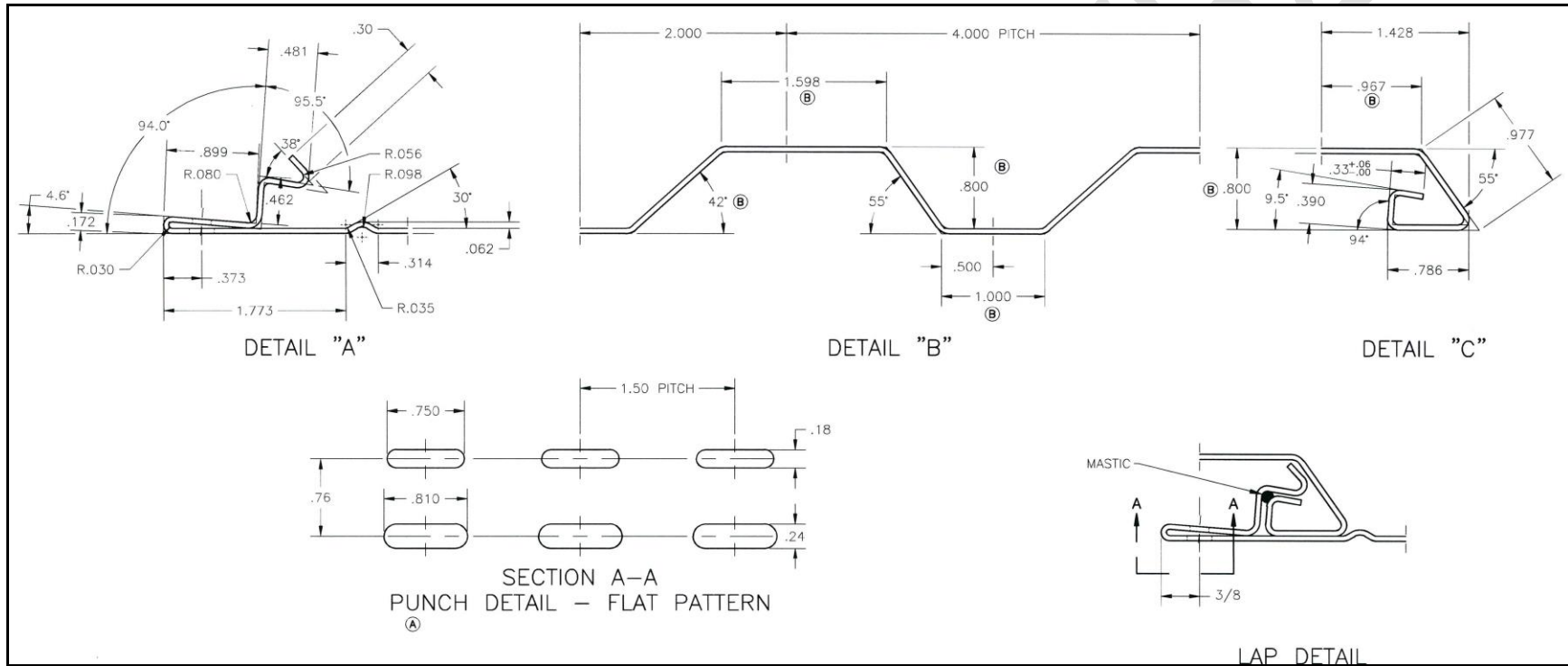
- 3 “MDP” = Maximum Design Pressure is the result of testing for wind load resistance based on allowable wind loads. Refer to FBC 1609 for determination of design wind loads.

TABLE 1A: SYSTEM DESCRIPTION & ALLOWABLE DESIGN PRESSURES
DELTA SERIES CONCEALED FASTENER PANEL SYSTEM
DIRECT FASTEN CONFIGURATION

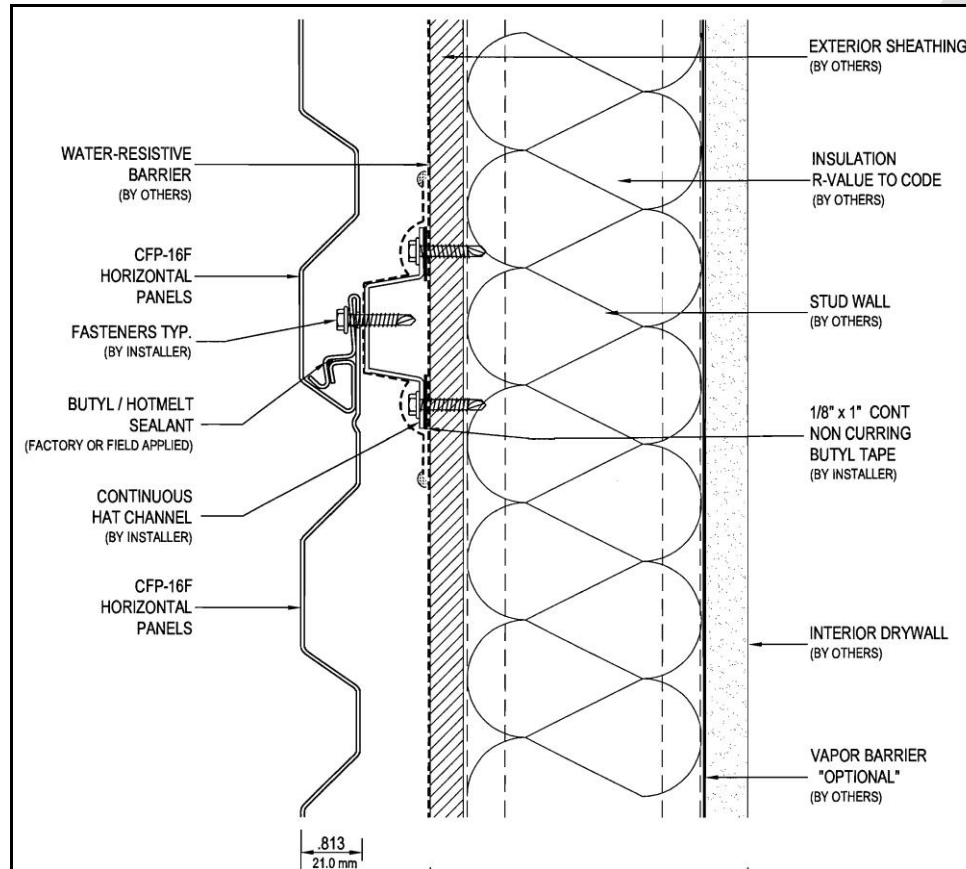
System No.	Support Type (See Note 1)	Panel			Panel Attachment			MDP (psf)	Impact Resistant
		Type	Material	Max. Size	Fastener Type	Attachment	Max. Spacing		
1.	Min. 14 ga. steel studs or hat channels	CFP-16B, CFP-16C, CFP-16F, CFP-16T, CFP-16TP, CFP-162B and/or CFP-162C	Min. 0.032-inch aluminum	16-inch (net) x 40 ft	#12 x min. 1.5" self-tapping screws	At integral panel flange to studs or hat channels	60-inch o.c.	-20.7	NO
2.	Min. 14 ga. steel studs or hat channels	CFP-16B and/or CFP-16C	Min. 24 ga. steel	16-inch (net) x 40 ft	#12 x min. 1.5" self-tapping screws	At integral panel flange to studs or hat channels	60-inch o.c.	-31.2	NO
3.	Min. 14 ga. steel studs or hat channels	CFP-16F, CFP-16T, CFP-16TP, CFP-162B and/or CFP-162C	Min. 24 ga. steel	16-inch (net) x 40 ft	#12 x min. 1.5" self-tapping screws	At integral panel flange to studs or hat channels	60-inch o.c.	-34.6	NO
4.	Min. 14 ga. steel studs or hat channels	CFP-12, CFP-12B, CFP-12F and/or CFP-12T	Min. 24 ga. steel	12-inch (net) x 40 ft	#12 x min. 1.5" self-tapping screws	At integral panel flange to studs or hat channels	60-inch o.c.	-41.6	NO
5.	Min. 16 ga. steel studs or hat channels	CFP-12, CFP-12B, CFP-12F, CFP-12T, CFP-16B, CFP-16C, CFP-16F, CFP-16T, CFP-16TP, CFP-162B and/or CFP-162C	Min. 24 ga. steel	16-inch (net) x 40 ft	#12 x min. 2" self-tapping screws	At integral panel flange to studs or hat channels	16-inch o.c.	± 60.0	NO



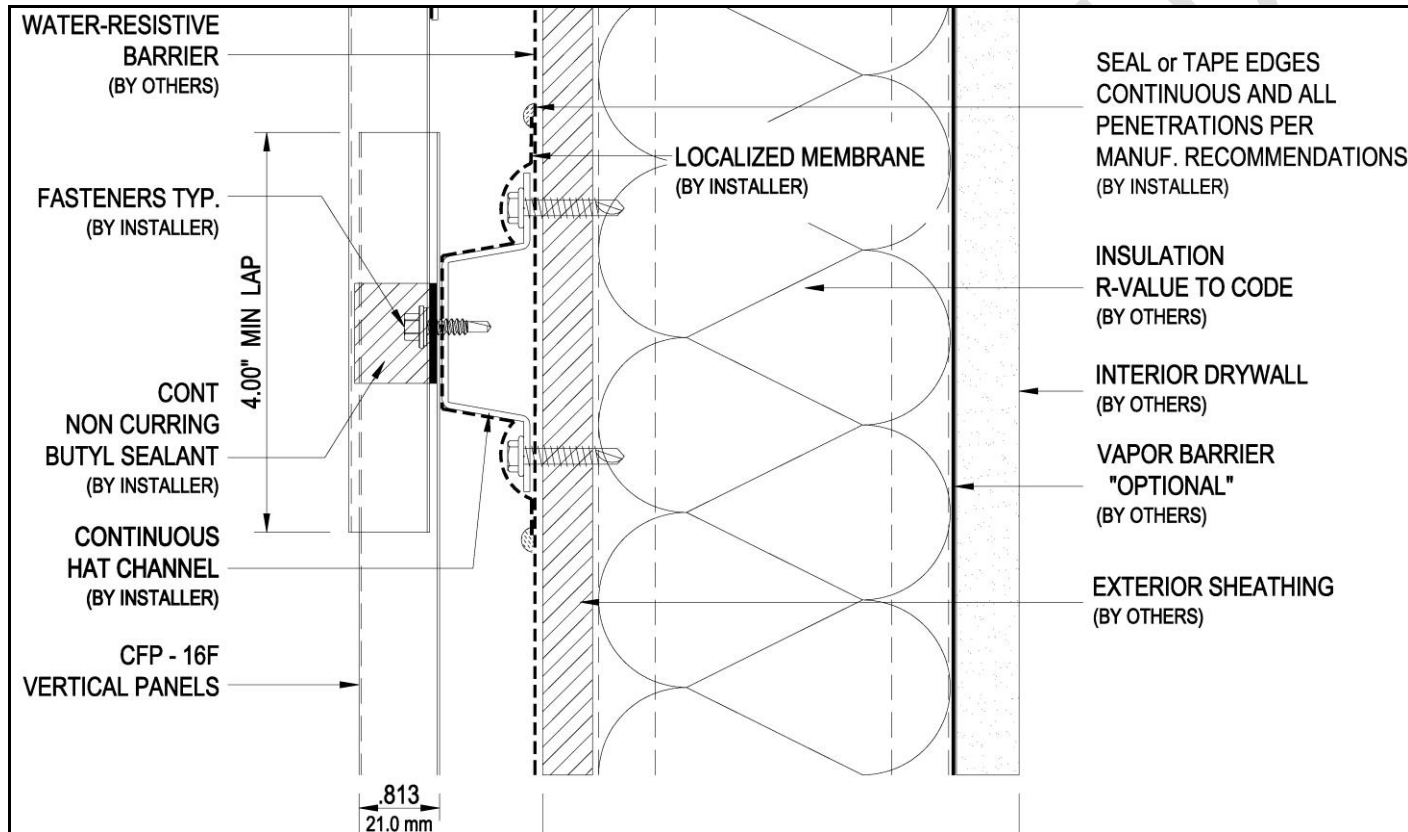
Profiles for Delta Series Concealed Fastener Panel System



Details for Delta Series Concealed Fastener Panel System



Fastening Detail
Delta Series CFP System (Direct to Hat Channel)
Horizontal Application

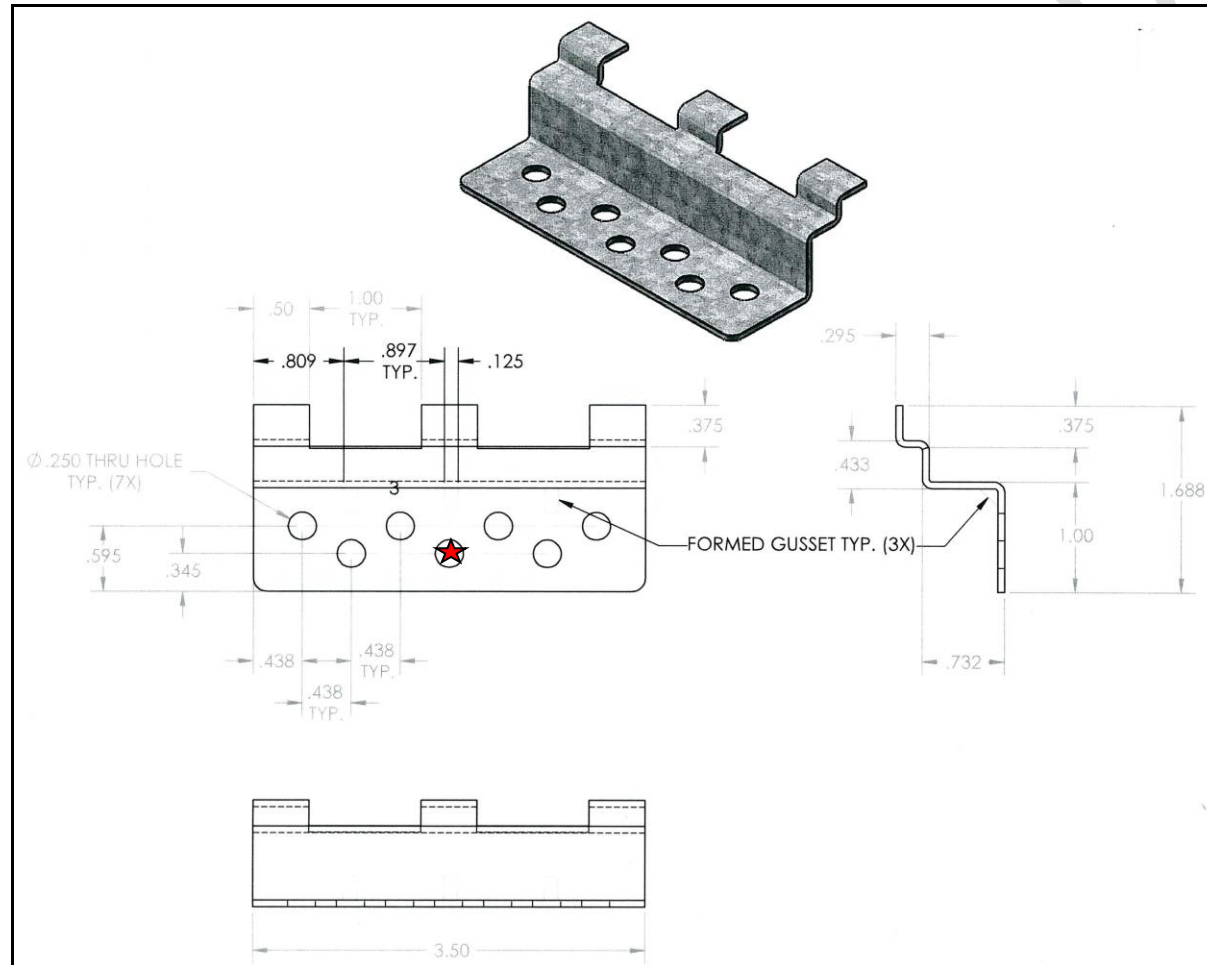


Fastening Detail
Delta Series CFP System (Direct to Hat Channel)
Vertical Application

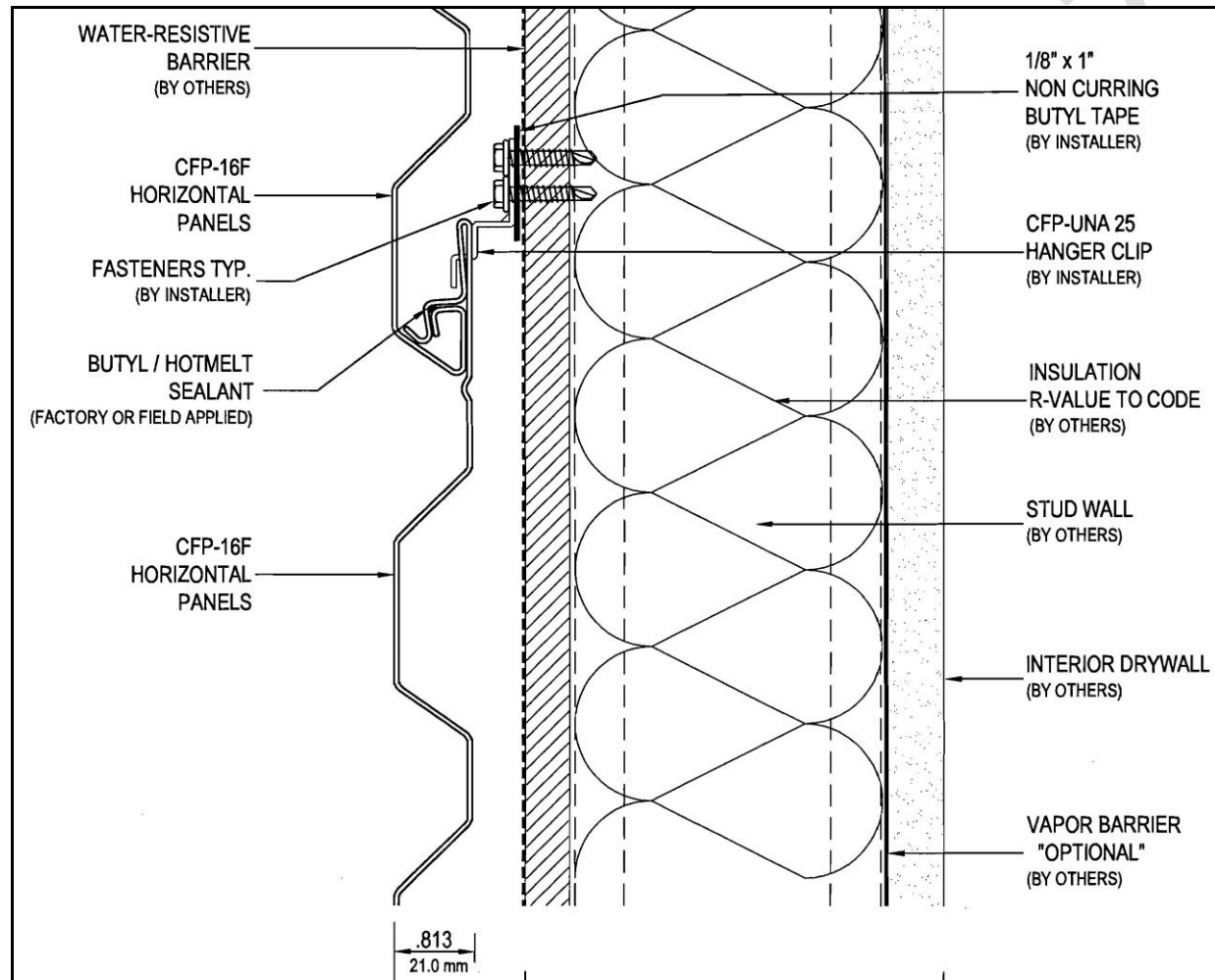
**TABLE 1B: SYSTEM DESCRIPTION & ALLOWABLE DESIGN PRESSURES
DELTA SERIES CONCEALED FASTENER PANEL SYSTEM
HANGER-CLIP CONFIGURATION**

System No.	Support Type (See Note 1)	Panel			Panel Attachment			MDP (psf)	Impact Resistant
		Type	Material	Max. Size	Clip Type	Fastener	Max. Spacing		
6.	Min. 14 ga. steel studs or hat channels	CFP-16C	Min. 0.032-inch aluminum	16-inch (net) x 40 ft	CFP-UNA 25SS	#12 x min. 2" self-tapping screw(s); Min. 1 screw per clip*	60-inch o.c.	-27.7	NO
7.	Min. 14 ga. steel studs or hat channels	CFP-16B, CFP-16TP and/or CFP-162B	Min. 0.032-inch aluminum	16-inch (net) x 40 ft	CFP-UNA 25SS	#12 x min. 2" self-tapping screw(s); Min. 1 screw per clip*	60-inch o.c.	-31.2	NO
8.	Min. 14 ga. steel studs or hat channels	CFP-16F, CFP-16T and/or CFP-162C	Min. 0.032-inch aluminum	16-inch (net) x 40 ft	CFP-UNA 25SS	#12 x min. 2" self-tapping screw(s); Min. 1 screw per clip*	60-inch o.c.	-34.6	NO
9.	Min. 14 ga. steel studs or hat channels	CFP-16F and/or CFP-162B	Min. 24 ga. steel	16-inch (net) x 40 ft	CFP-UNA 25G	#12 x min. 2" self-tapping screw(s); Min. 1 screw per clip*	60-inch o.c.	-24.2	NO
10.	Min. 14 ga. steel studs or hat channels	CFP-16TP and/or CFP-162C	Min. 24 ga. steel	16-inch (net) x 40 ft	CFP-UNA 25G	#12 x min. 2" self-tapping screw(s); Min. 1 screw per clip*	60-inch o.c.	-27.7	NO
11.	Min. 14 ga. steel studs or hat channels	CFP-16B, CFP-16C and/or CFP-16T	Min. 24 ga. steel	16-inch (net) x 40 ft	CFP-UNA 25G	#12 x min. 2" self-tapping screw(s); Min. 1 screw per clip*	60-inch o.c.	-31.2	NO
12.	Min. 14 ga. steel studs or hat channels	CFP-12B and/or CFP-12F	Min. 24 ga. steel	12-inch (net) x 40 ft	CFP-UNA 275G	#12 x min. 2" self-tapping screw(s); Min. 1 screw per clip*	60-inch o.c.	-31.2	NO
13.	Min. 14 ga. steel studs or hat channels	CFP-12T	Min. 24 ga. steel	12-inch (net) x 40 ft	CFP-UNA 275G	#12 x min. 2" self-tapping screw(s); Min. 1 screw per clip*	60-inch o.c.	-38.1	NO
14.	Min. 14 ga. steel studs or hat channels	CFP-12	Min. 24 ga. steel	12-inch (net) x 40 ft	CFP-UNA 275G	#12 x min. 2" self-tapping screw(s); Min. 1 screw per clip*	60-inch o.c.	-41.6	NO

**Note: If only one screw per clip is utilized, it shall be positioned in the center-most screw-hole, as highlighted in the following clip drawings.*



Delta Series CFP-UNA 275 (G or S) Clip



Fastening Detail
Delta Series CFP System (Hanger Clip Option)
Horizontal Application