



NEMO|etc.

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ENGINEER

TEST

CONSULT

P.E. EVALUATION REPORT (PEER)

Metal-Era, Inc.

1600 Airport Road
Waukesha, WI 53188
(262) 650-6407

PEER-MERA-001.A.R3

FL29463-R3 (NON-HVHZ)

Date of Issuance: 04/18/2019

Revision 3: 01/23/2026

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 **8th Edition (2023) Florida Building Code** [sections noted herein](#).

DESCRIPTION: Anchor-Tite & Seal-Tite Roof Edge Termination 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 If the PEER is not listed at the Nemo Directory, then it is no longer valid.

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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 13.

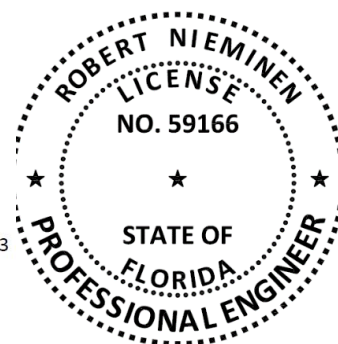
Prepared by:

Digitally signed by
Robert Nieminen
Date: 2026.01.23
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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



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2. NEMO ETC, LLC is not owned, operated or controlled by any company manufacturing or distributing products it evaluates.
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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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ROOFING COMPONENT EVALUATION:
1. SCOPE:

Product Category: Roofing
Sub-Category: Roofing Accessories that are an Integral Part of the Roofing System
Product Approval Method: Method 1, Option D – Codified Material, Evaluation by Engineer
Compliance Statement: **Anchor-Tite & Seal-Tite Roof Edge Termination Systems**, as produced by **Metal-Era, Inc.**, have demonstrated compliance with the following sections of the **8th Edition (2023) 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
1504.5	Wind	ANSI/SPRI/FM4435 ES-1
1504.5.1	Wind	ANSI/SPRI GT-1

3. REFERENCES:

ENTITY	EXAMINATION	REFERENCE	DATE
FET (TST1654)	ANSI/SPRI/FM4435 ES-1	T248-23	08/22/2023
FM Approvals (TST1867)	ANSI/SPRI/FM4435 ES-1	3062924	04/17/2019
Intertek (TST6791)	ANSI/SPRI/FM4435 ES-1	104312909MID-001R1	05/08/2020
FM Approvals (TST1867)	ANSI/SPRI GT-1	PR467424	03/12/2025
FM Approvals (TST1867)	ANSI/SPRI GT-1	PR474707	10/29/2025
Keystone (QUA1824)	Quality Assurance	Participant Attestation	10/13/2017
Keystone (QUA1824)	Quality Assurance	Florida BCIS	Current

4. PRODUCT DESCRIPTION:

The following **Anchor-Tite Roof Edge Termination Systems** are sized and mechanically attached, as outlined in the [Limitations of Use](#) herein.

EVALUATED EDGE METAL AND BATTEN SYSTEMS			
TYPE	SUB-TYPE	PRODUCT NAME	TEST METHOD
Edge Metal	Drip edge & gravel stop	Anchor-Tite Drip Edge	ES-1, Test RE-2
	Fascia cover	Anchor-Tite HG Fascia	ES-1, Test RE-2
		Anchor-Tite Extended Canted Fascia	
	Sub-assembly	Eliminailer®-T	ES-1, Test RE-2
	Coping	Creative Design Reveal	ES-1, Test RE-3
Batten	Decorative Batten	SA Batten	ES-1, Test RE-2
Gutter	Box, Offset or Chamfer	Seal-Tite WR Gutter	GT-1, Test G-1, G-2
	Box	Seal-Tite XL Gutter	GT-1, Test G-1, G-2

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 All products listed herein shall be installed in conjunction with **Metal-Era, Inc.** required accessories, including but not limited to fasteners, miters, splice caps, splice plates, corners, end caps, pier caps, etc.
- 5.4 The tie-in between edge metal and adjacent roofing shall be in accordance with the roof system manufacturer's published installation instructions.
- 5.5 The ultimate tested pressure ratings, which do not include a margin of safety, are set forth in [Section 6](#). of this Report.
- The ultimate tested pressure ratings apply to roof height < 60 ft.
- The maximum attachment spacing shall not be exceeded.
- The selected assembly shall meet or exceed the design pressure requirements for the project, determined in accordance with **FBC Chapter 16**, with a minimum 2 to 1 margin of safety per **FBC 1504.9**.
- 5.6 All products in the roof assembly shall have quality assurance audit in accordance with **F.A.C. Rule 61G20-3**.

6. INSTALLATION:

Anchor-Tite & Seal-Tite Roof Edge Termination Systems shall be installed in accordance with **Metal-Era, Inc.** published installation instructions, subject to the [Limitations of Use](#) herein and the information noted below.

6.1 Anchor-Tite Drip Edge:

Roof edge system consist of aluminum drip edge with extruded aluminum anchor bar.

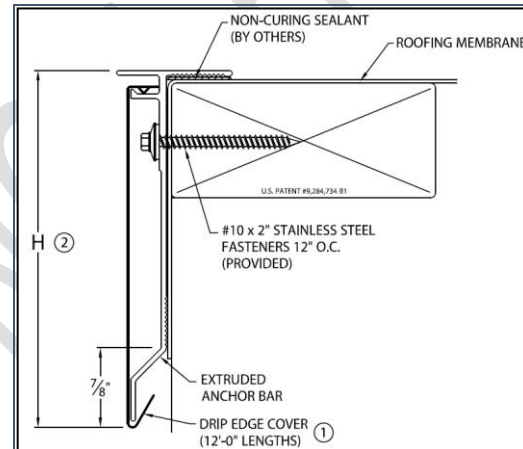
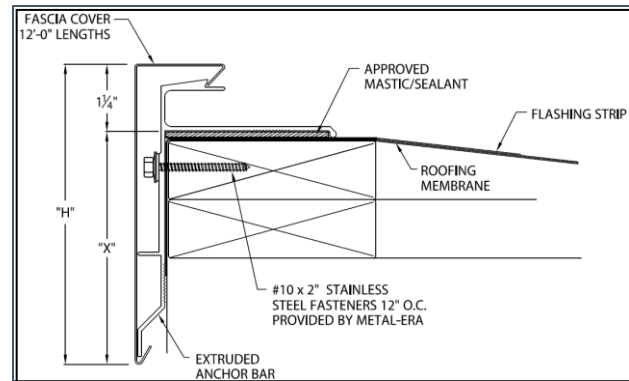


**Table 1: Ultimate Tested Pressure Ratings; ANSI/SPRI RE-2
Anchor-Tite Drip Edge**

No.	Anchor Bar			Drip Edge Cover		Horizontal Pressure (psf)	
	Material	Fasten	Spacing	Material	Face Height (inch)	Perimeter	Corner
1A.	0.120" thick, 6061-T6 extruded aluminum	To wood nailer: #10 x min. 2" stainless steel screws To masonry: Min. 1.25" Tapcon	12" o.c. approx. 1.25-inch from top of anchor bar.	0.040" thick, 21 ksi, 3003 aluminum	Max. 7.5	87	90
1B.	0.120" thick, 6061-T6 extruded aluminum	To wood nailer: #10 x min. 2" stainless steel screws To masonry: Min. 1.25" Tapcon	Two (2) staggered rows: Top row: 12" o.c. approx. 1.5-inch from top of anchor bar. Bottom row: 24" o.c. approx. 2.75-inch from top of anchor bar. The rows are staggered.	0.040" thick, 21 ksi, 3003 aluminum	Max. 7.5	247	253

6.2 **Anchor-Tite HG Fascia BUR/MB:**

Roof edge system consist of aluminum fascia cover with extruded aluminum anchor bar for use with built-up and modified bitumen roof systems.



Anchor-Tite HG Fascia Single Ply:

Roof edge system consist of aluminum fascia cover with anchor bar for use with single-ply roof systems.

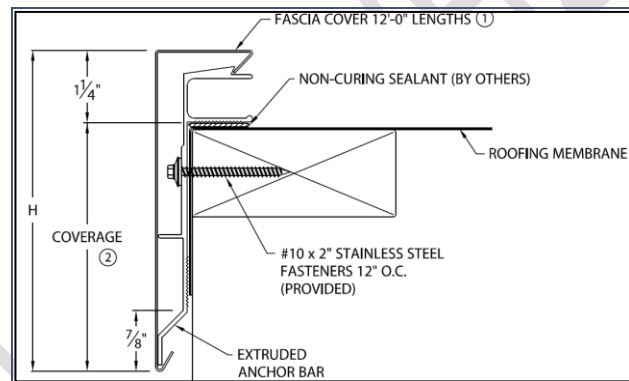


**Table 2: Ultimate Tested Pressure Ratings; ANSI/SPRI RE-2
Anchor-Tite HG Fascia**

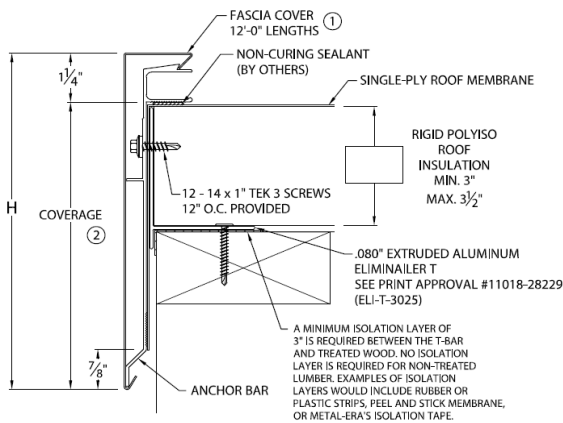
No.	Anchor Bar			Fascia Cover		Horizontal Pressure (psf)	
	Material	Fasten	Spacing	Material	Face Height (inch)	Perimeter	Corner
2A.	0.120" thick, 6061-T6 extruded aluminum	To wood nailer: #10 x min. 2" stainless steel screws To masonry: Min. 1.25" Tapcon	12" o.c. in row approx. 1.25-inch down from top of anchor bar.	0.040" thick, 21 ksi, 3003 aluminum	Max. 8.5	175	163
2B.	0.120" thick, 6061-T6 extruded aluminum	To wood nailer: #10 x min. 2" stainless steel screws To masonry: Min. 1.25" Tapcon	12" o.c. in row approx. 1.25-inch down from top of anchor bar.	0.050" thick, 21 ksi, 3003 aluminum	Max. 8.5	291	289
2C.	0.120" thick, 6061-T6 extruded aluminum	To wood nailer: #10 x min. 2" stainless steel screws To masonry: Min. 1.25" Tapcon	12" o.c. in row approx. 1.25-inch down from top of anchor bar.	0.050" thick, 21 ksi, 3003 aluminum	Max. 10	189	181
2D.	0.120" thick, 6061-T6 extruded aluminum	To wood nailer: #10 x min. 2" stainless steel screws To masonry: Min. 1.25" Tapcon	12" o.c. in row approx. 1.25-inch down from top of anchor bar.	22 ga., Grade 33 to 50, G-90 galvanized steel	Max. 10	175	163

6.3 Anchor-Tite HG Fascia with Eliminaile-T:

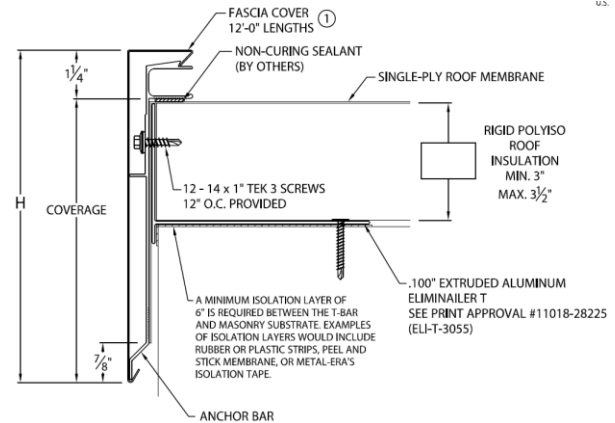
Roof edge system consist of Anchor-Tite HG Fascia installed over Eliminaile-T; a heavy gauge aluminum nailer replacement or nailer enhancement.

When used with a wood nailer, the Eliminaile-T is 0.080-inch thick and has a 2.5-inch horizontal flange length.

When used with masonry, the Eliminaile-T is 0.100-inch thick and has a 5.5-inch horizontal flange length.



OVER WOOD BLOCKING



OVER MASONRY WALL

**Table 3: Ultimate Tested Pressure Ratings; ANSI/SPRI RE-2
Anchor-Tite HG Fascia with Eliminaile-T**

No.	Eliminaile-T	Anchor Bar			Fascia Cover		Horizontal Pressure (psf)	
		Material	Fasten	Spacing	Material	Face Height (inch)	Perimeter	Corner
3A.	See Section 6.6	0.120" thick, 6061-T6 extruded aluminum	Tek 3 x 1" screws	12" o.c. in row approx. 1.25-inch down from top of anchor bar.	0.050" thick, 21 ksi, 3003 aluminum	Max. 10	204	199
3B.	See Section 6.6	0.120" thick, 6061-T6 extruded aluminum	Tek 3 x 1" screws	12" o.c. in row approx. 1.25-inch down from top of anchor bar.	0.050" thick, 21 ksi, 3003 aluminum	Max. 10	204	199
3C.	See Section 6.6	0.120" thick, 6061-T6 extruded aluminum	Tek 3 x 1" screws	12" o.c. in row approx. 1.25-inch down from top of anchor bar.	22 ga., Grade 33 to 50, G-90 galvanized steel	Max. 10	175	181

6.4 Anchor-Tite Canted Fascia:

Roof edge system consist of aluminum fascia cover with galvanized steel waterdam and extruded aluminum anchor bar.

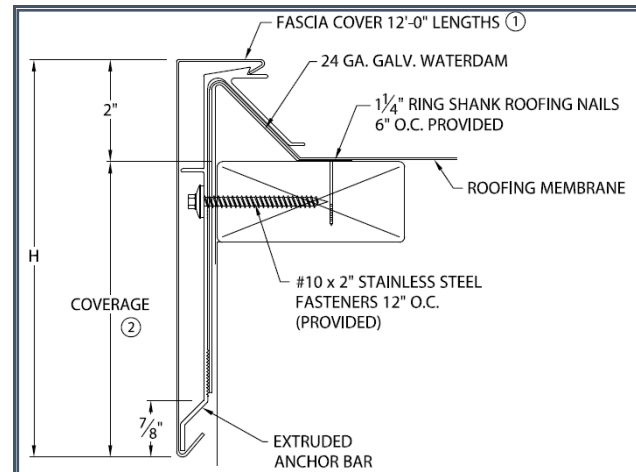


**Table 4: Ultimate Tested Pressure Ratings; ANSI/SPRI RE-2
Anchor-Tite Canted Fascia**

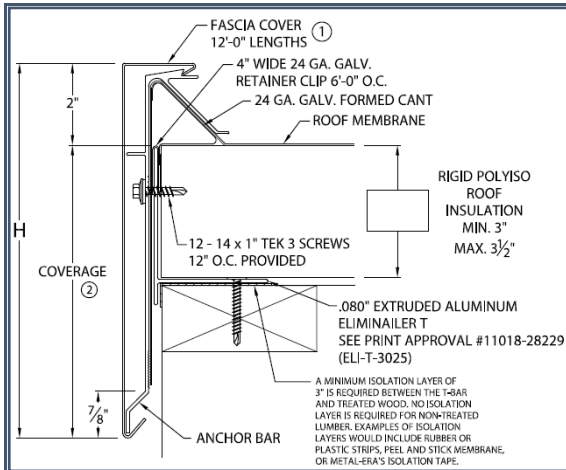
No.	Waterdam			Anchor Bar			Fascia Cover		Horizontal Pressure (psf)	
	Material	Fasten	Spacing	Material	Fasten	Spacing	Material	Face Height (inch)	Perimeter	Corner
4A.	24 ga., Grade 33 galvanized steel	1.25" ring shank roofing nails	6" o.c.	0.120" thick, 6061-T6 extruded aluminum	To wood nailer: #10 x min. 2" stainless steel screws To masonry: Min. 1.25" Tapcon	12" o.c. in row approx. 2.5-inch down from top of anchor bar.	0.040" thick, 21 ksi, 3003 aluminum	Max. 8.5	175	163
4B.	24 ga., Grade 33 galvanized steel	1.25" ring shank roofing nails	6" o.c.	0.120" thick, 6061-T6 extruded aluminum	To wood nailer: #10 x min. 2" stainless steel screws To masonry: Min. 1.25" Tapcon	12" o.c. in row approx. 2.5-inch down from top of anchor bar.	0.050" thick, 21 ksi, 3003 aluminum	Max. 8.5	291	289
4C.	24 ga., Grade 33 galvanized steel	1.25" ring shank roofing nails	6" o.c.	0.120" thick, 6061-T6 extruded aluminum	To wood nailer: #10 x min. 2" stainless steel screws To masonry: Min. 1.25" Tapcon	12" o.c. in row approx. 2.5-inch down from top of anchor bar.	24 ga., Grade 33 to 50, G-90 galvanized steel	Max. 8.5	175	163
4D.	24 ga., Grade 33 galvanized steel	1.25" ring shank roofing nails	6" o.c.	0.120" thick, 6061-T6 extruded aluminum	To wood nailer: #10 x min. 2" stainless steel screws To masonry: Min. 1.25" Tapcon	12" o.c. in row approx. 2.5-inch down from top of anchor bar.	0.050" thick, 21 ksi, 3003 aluminum	Max. 10	204	199
4E.	24 ga., Grade 33 galvanized steel	1.25" ring shank roofing nails	6" o.c.	0.120" thick, 6061-T6 extruded aluminum	To wood nailer: #10 x min. 2" stainless steel screws To masonry: Min. 1.25" Tapcon	12" o.c. in row approx. 2.5-inch down from top of anchor bar.	22 ga., Grade 33 to 50, G-90 galvanized steel	Max. 10	175	163

6.5 Anchor-Tite Canted Fascia with Eliminaier-T:

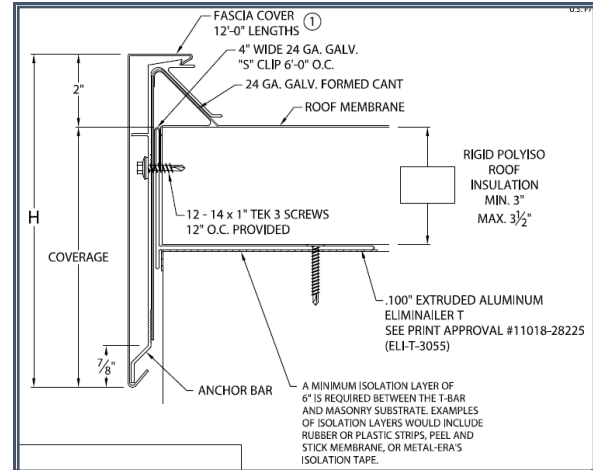
Roof edge system consist of Anchor-Tite Canted Fascia installed over Eliminaier-T; a heavy gauge aluminum nailer replacement or nailer enhancement.

When used with a wood nailer, the Eliminaier-T is 0.080-inch thick and has a 2.5-inch horizontal flange length.

When used with masonry, the Eliminaier-T is 0.100-inch thick and has a 5.5-inch horizontal flange length.



OVER WOOD BLOCKING



OVER MASONRY WALL

**Table 5: Ultimate Tested Pressure Ratings; ANSI/SPRI RE-2
Anchor-Tite Canted Fascia with Eliminaier-T**

No.	Eliminaier-T	24 ga. Galv. Steel Waterdam		Anchor Bar			Fascia Cover		Horizontal Pressure (psf)	
		Fasten	Spacing	Material	Fasten	Spacing	Material	Face Height (inch)	Perimeter	Corner
5A.	See Section 6.6	4" wide x 24 ga. galv. steel clips	72" o.c.	0.120" thick, 6061-T6 extruded aluminum	Tek 3 x 1" screws	12" o.c. in row approx. 2.5-inch down from top of anchor bar.	0.040" thick, 21 ksi, 3003 aluminum	Max. 8.5	175	163
5B.	See Section 6.6	4" wide x 24 ga. galv. steel clips	72" o.c.	0.120" thick, 6061-T6 extruded aluminum	Tek 3 x 1" screws	12" o.c. in row approx. 2.5-inch down from top of anchor bar.	0.050" thick, 21 ksi, 3003 aluminum	Max. 8.5	291	289
5C.	See Section 6.6	4" wide x 24 ga. galv. steel clips	72" o.c.	0.120" thick, 6061-T6 extruded aluminum	Tek 3 x 1" screws	12" o.c. in row approx. 2.5-inch down from top of anchor bar.	24 ga., Grade 33 to 50, G-90 galvanized steel	Max. 8.5	175	163
5D.	See Section 6.6	4" wide x 24 ga. galv. steel clips	72" o.c.	0.120" thick, 6061-T6 extruded aluminum	Tek 3 x 1" screws	12" o.c. in row approx. 2.5-inch down from top of anchor bar.	0.050" thick, 21 ksi, 3003 aluminum	Max. 10	204	199
5E.	See Section 6.6	4" wide x 24 ga. galv. steel clips	72" o.c.	0.120" thick, 6061-T6 extruded aluminum	Tek 3 x 1" screws	12" o.c. in row approx. 2.5-inch down from top of anchor bar.	22 ga., Grade 33 to 50, G-90 galvanized steel	Max. 10	175	163

6.6 Eliminaailer-T (sub-assembly performance):

Sub-assembly consists of Eliminaailer-T; a heavy gauge aluminum nailer replacement or nailer enhancement.

When used with a wood nailer, the Eliminaailer-T is 0.080-inch thick and has a 2.5-inch horizontal flange length.

When used with masonry, the Eliminaailer-T is 0.100-inch thick and has a 5.5-inch horizontal flange length.

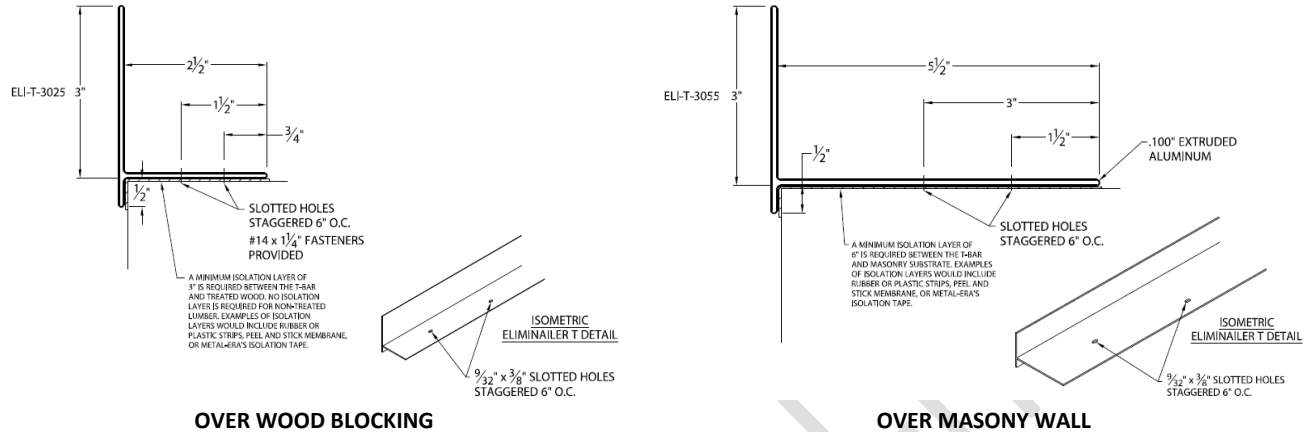


**Table 6: Ultimate Tested Pressure Ratings; ANSI/SPRI RE-2
Eliminaailer-T (sub-assembly performance)**

No.	Eliminaailer-T				Drip Edge or Fascia	Horizontal Pressure (psf)*	
	Use / Substrate	Size (inch)	Fasten	Spacing		Perimeter	Corner
6A.	Enhance nailer / wood blocking	0.080 x 3 x 2.5	#14 x 1.25" screws	6" o.c.	Anchor-Tite Drip Edge, Anchor-Tite HG Fascia or Anchor-Tite Canted Fascia installed per specific system listings, using Tek 3 x 1" screws for anchor bar securement to Eliminaailer-T	960	1193
6B.	Replace nailer / masonry	0.100 x 3 x 5.5	Min. 1.25" Tapcon	6" o.c., stagger	Anchor-Tite Drip Edge, Anchor-Tite HG Fascia or Anchor-Tite Canted Fascia installed per specific system listings, using Tek 3 x 1" screws for anchor bar securement to Eliminaailer-T	960	1193
Note:	*Performance herein reflects performance of the Eliminaailer-T sub-assembly. Overall system performance to be limited to that of the Anchor-Tite Drip Edge, Anchor-Tite HG Fascia or Anchor-Tite Canted Fascia assembly selection, as noted herein.						

6.7 Creative Design Reveal Coping:

Coping system consists of 0.050 or 0.063 in. aluminum coping with 12 in. wide, 20 ga. galvanized steel anchor clips.

Anchor Clip Fastening:

Fasteners:

- ✓ To wood: #9 x min. 1.5 in. stainless steel neoprene washer screws
- ✓ To masonry: Min. 1.25 in. Tapcon

Fastener Locations:

- ✓ Total fasteners per anchor clip: 4
- ✓ Face leg, vertical: 2 fasteners, 0.75-inch from top of blocking/wall
- ✓ Back side, horizontal: 2 fasteners, at 1st hole from bend from horizontal to vertical

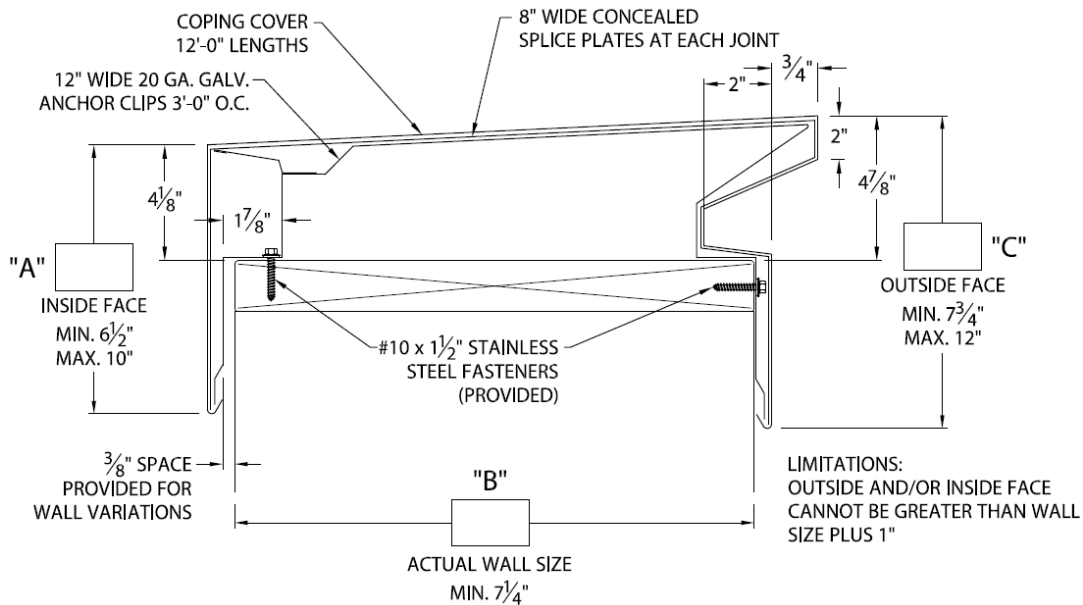
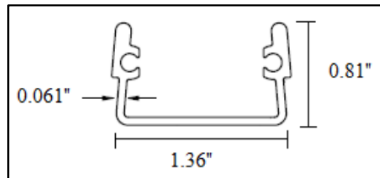


**Table 7: Ultimate Tested Pressure Ratings; ANSI/SPRI RE-3
Creative Design Reveal Coping**

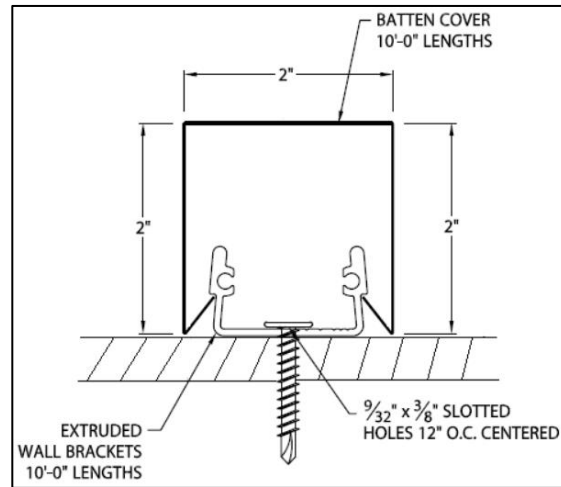
No.	Anchor Clips		Snap-On Coping Cap				Horizontal (psf)	Vertical (psf)
	Material	Spaced	Material	Max. Width (in)	Max. Face Leg (in)	Max. Back Leg (in)		
7A.	12-inch wide, 20 ga. steel	3 ft o.c.	0.050-inch aluminum	18	12	10	41	70

6.8 SA Batten:

Decorative batten consisting of an extruded aluminum anchor bar with a formed aluminum, snap-on cover.



Cross-Section, Aluminum Anchor Bar



Cross-Section, Assembly Detail

Table 8: Ultimate Tested Pressure Ratings; ANSI/SPRI RE-2

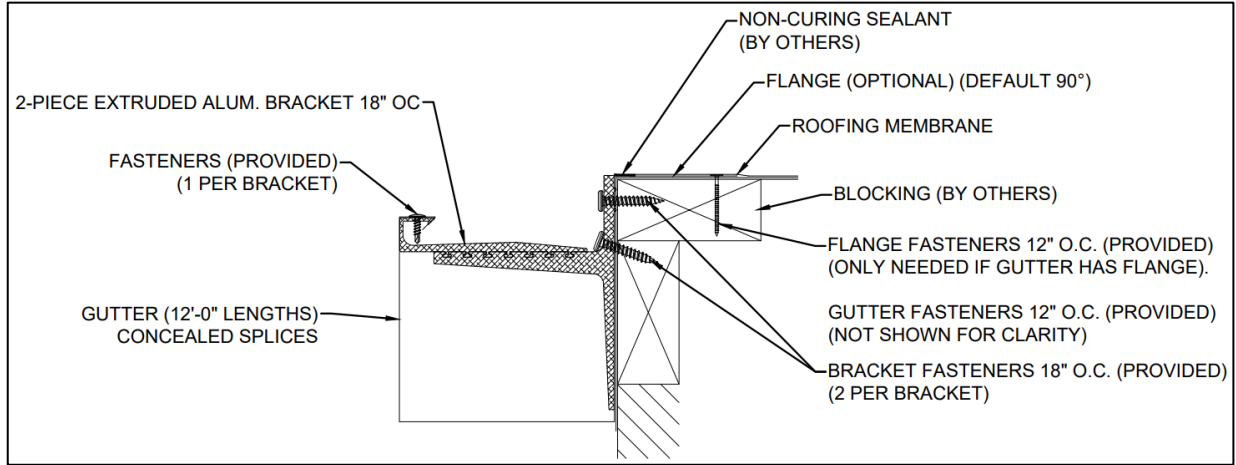
SA Batten

No.	Anchor Bar				Batten Cover		Horizontal Pressure (psf)*
	Material	Fasten		Spacing	Material	Face Width (inch)	
		Substrate	Part				
8A.	0.060" thick, 6061-T6 extruded aluminum	Min. 15/32-inch plywood	Trufast #14 HD	12" o.c. along centerline	0.040" thick, 21 ksi, 3003 aluminum	Max. 2	1910
		Min. 22 ga., Grade 40 steel	Trufast #14 HD				
		Masonry	Min. 1.25" Tapcon				
*Note:	This part is intended as a decorative wall cladding component; the multipliers and coefficients in ANSI/SPRI ES-1 are not applicable. The ultimate performance data herein is for use at the discretion of the Designer or Record and Authority Having Jurisdiction.						

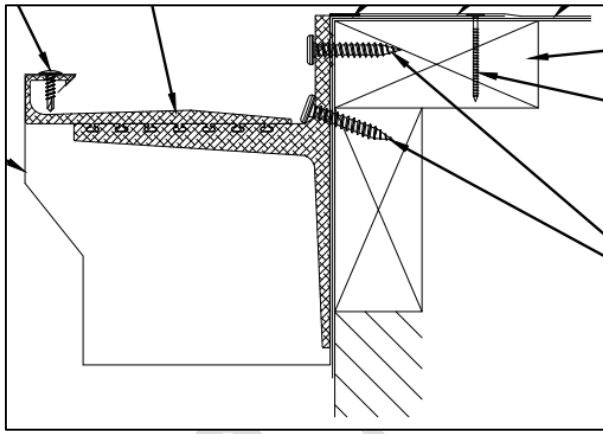
6.9 Seal-Tite WR Gutter:

Gutter system consists of a steel or aluminum gutter channel with an extruded aluminum internal bracket

Box:



Offset:



Chamfer:

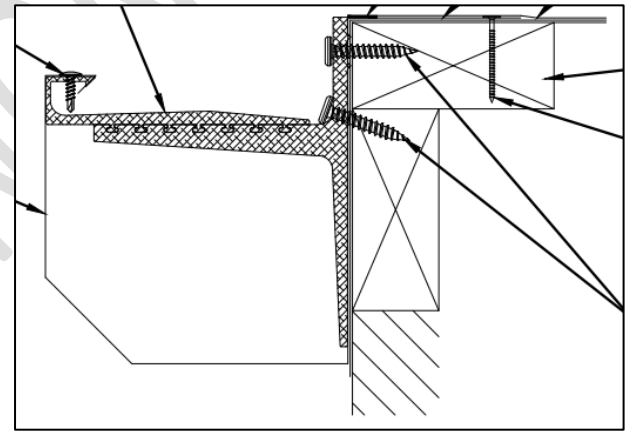
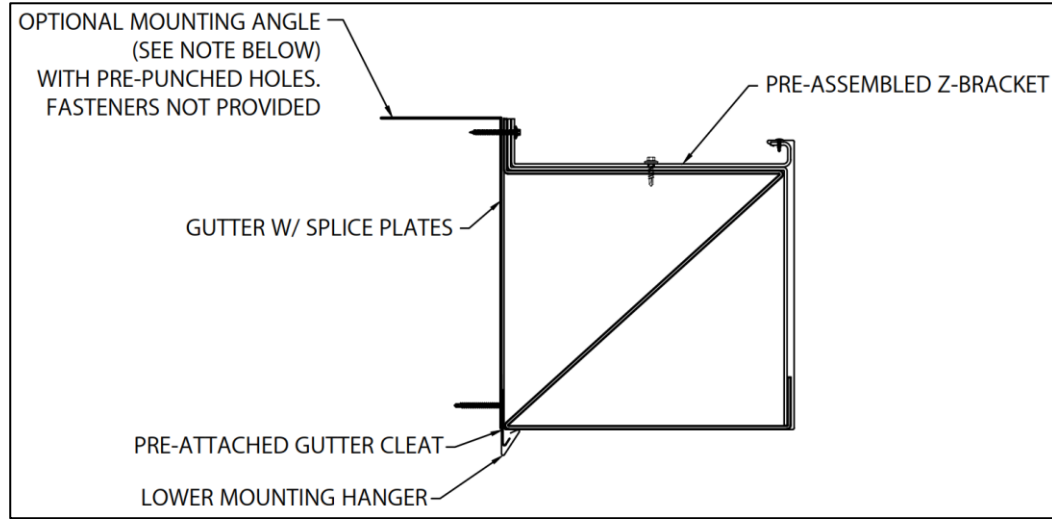


**Table 9: Ultimate Tested Pressure Ratings; ANSI/SPRI G-1, G-2
Seal-Tite WR Gutter**

No.	Gutter			2-inch wide Extruded Aluminum Bracket (thickness range from 0.126 to 0.556-inch)		Horizontal Pressure (psf)	Vertical Pressure (psf)
	Material	Fasten	Spacing	Fasten	Spacing		
9A	Min. 0.040" thick Kynar coated aluminum	To nailer: 1.5" ring shank nail Gutter lip to bracket: one (1) 0.5-inch Tek2	12" o.c. in row 1.5-inch from top edge 18" o.c. (at each bracket)	Through gutter to nailer: two (2) #14 x 2-inch profiler	18" o.c. in row 0.5-inch and 1.25-inch from top edge of the gutter	394.0	201.3
9B	Min. 24 ga. Kynar coated steel	To nailer: 1.5" ring shank nail Gutter lip to bracket: one (1) 0.5-inch Tek2	12" o.c. in row 1.5-inch from top edge 18" o.c. (at each bracket)	Through gutter to nailer: two (2) #14 x 2-inch profiler	18" o.c. in row 0.5-inch and 1.25-inch from top edge of the gutter	596.1	224.5

6.10 Seal-Tite XL Gutter:

Gutter system consists of a steel or aluminum gutter channel and cleat with an aluminum Z-shaped internal bracket



Box Cross-Section, Assembly Detail

Table 10: Ultimate Tested Pressure Ratings; ANSI/SPRI G-1, G-2 Seal-Tite XL Gutter										
No.	Cleat			Gutter			0.125-inch thick Aluminum Z-Bracket		Horizontal Pressure (psf)	Vertical Pressure (psf)
	Material	Fasten	Spacing	Material	Fasten	Spacing	Fasten	Spacing		
10A	Min. 0.050" thick Kynar coated aluminum	To nailer: #14 x 2-inch wood screw with 1-inch washer	12" o.c. 1.5-inch from bottom of the cleat	Min. 0.050" thick Kynar coated aluminum	To nailer: 1.5" ring shank nail	12" o.c. in row 0.5-inch from top edge of the gutter	Through gutter to nailer: #10 x 2-inch wood screw with neoprene washer	32" o.c. in row 0.5-inch from top edge of the gutter	265.7	291.4
					Gutter lip to bracket: one (1) 0.5-inch Tek2	32" o.c. (at each bracket)				
10B	Min. 22 ga. Kynar coated steel	To nailer: #14 x 2-inch wood screw with 1-inch washer	12" o.c. 1.5-inch from bottom of the cleat	Min. 22 ga. Kynar coated steel	To nailer: 1.5" ring shank nail	12" o.c. in row 0.5-inch from top edge of the gutter	Through gutter to nailer: #10 x 2-inch wood screw with neoprene washer	32" o.c. in row 0.5-inch from top edge of the gutter	235.7	325.7
					Gutter lip to bracket: one (1) 0.5-inch Tek2	32" o.c. (at each bracket)				

7. BUILDING PERMIT REQUIREMENTS:

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

8. MANUFACTURING PLANTS:

Waukesha, WI

9. QUALITY ASSURANCE ENTITY:

[Keystone Certifications, Inc. \(QUA1824\)](#); (717) 932-8500; aanspach@keystonecerts.com

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