

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)

Polyglass USA, Inc. 1111 W Newport Center Dr. Deerfield Beach, FL. 33442

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 Florida Building Code including the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Polyglass USA, Inc. Roof Edge Termination Systems

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.

Sterrage

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 consists of pages 1 through 36.

The submitted documentation was reviewed by Alex Tigera.

MIAMI-DADE COUNTY
APPROVED

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ROOFING COMPONENT APPROVAL

<u>Category:</u> Roofing

Sub-Category: Roofing Fasteners

<u>Materials</u> Steel

SCOPE:

This approves roofing components **Polyglass USA**, **Inc. Roof Edge Termination Systems**" as manufactured by Metal-Era, Inc. and as described in this Notice of Acceptance. Designed to comply with the Florida Building Code and the High Velocity Hurricane Zone of the Florida Building Code for the locations where the pressure requirements, as determined by applicable building code do not exceed the design pressure values listed herein.

TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT: Table 1

Product Name	<u>Dimensions</u>	<u>Test</u> Specification	<u>Product</u> <u>Description</u>
PolyForza Coping	Coping: Max. 12" Outside Face Max. 4" Inside Face Max. Width 32" Wall Min. Thickness. 24ga.	TAS 111 (C)	Decorative aluminum coping cap with galvanized steel anchor/support cleats.
	Anchor Clip: Max. Width. 12" Max. Length 12' Min. Thickness 20ga.		
PolyForza Gold Coping	Coping: Max. 12" Outside Face Max. 4" Inside Face Max. Width 32" Wall Max. Length 12' Min Thickness. 24ga. or 0.040" aluminum	TAS 111 (C)	Decorative aluminum coping cap with galvanized steel anchor/support cleats.
	Anchor Clip: Max. Width. 12" Max. Length 12' Min. Thickness 16ga.		
PolyForza Standard Fascia B.U.R./Modified Version	Max. 8.5" Outside Face Max. Length 12' Min. Thickness 24ga., or 0.040" aluminum	TAS 111 (B)	Decorative galvanized steel or aluminum fascia with continuous extruded aluminum bar.



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PolyForza Extended Fascia B.U.R/Modified Version	Max. 13" Outside Face Max. Length 12' Min. Thickness 24 ga. or 0.040" aluminum	TAS 111 (B)	Decorative galvanized steel or aluminum fascia with continuous extruded aluminum bar.
PolyForza HG Fascia - B.U.R./Modified Version	Max. 10" Outside Face Max. Length 12' Min. Thickness 22ga or 0.050" aluminum	TAS 111 (B)	Decorative aluminum fascia with continuous extruded aluminum bar.
PolyForza HG Fascia- B.U.R./Modified Version with PolyForza Nailer	Max. 10" Outside Face Max. Length 12' Min. Thickness 22ga., or 0.050" aluminum	TAS 111 (B)	Decorative aluminum fascia with continuous extruded aluminum bar.
PolyForza One Fascia (Modified)	Max. 8" Outside Face Max. Length 12' Min. Thickness 24ga., or 0.040" aluminum	TAS 111 (B)	Decorative galvanized steel or aluminum fascia with continuous formed rail.
PolyForza Drip Edge	Max. 6" Front Face Max 4" Top flange Max. Length 12' Min. Thickness 24ga., or 0.040" aluminum	TAS 111 (B)	Decorative galvanized steel or aluminum fascia with continuous formed rail.
PolyForza One Drip Edge	Max. 10" Front Face Max. Length 12' Max 4" Top Flange Min. Thickness 24ga., or 0.040" aluminum	TAS 111 (B)	Decorative galvanized steel or aluminum fascia with continuous formed rail.
PolyForza One Extended Fascia	Max. 12.5" Outside Face Max. Length 12' Min. Thickness 0.050" aluminum	TAS 111 (B)	Decorative galvanized steel or aluminum fascia with continuous formed rail.
PolyForza 300 Fascia, Modified, Snap-On	Max. 12.75" Face Height Max. Length 12' Min. Thickness 24ga., or 0.040" aluminum	TAS 111 (B)	Decorative galvanized steel or aluminum fascia with continuous formed galvanized waterdam.
PloyForza Continuous Cleat Coping	Max. 12" Outside Face Max. Length 12' Max. Wall width 32" Inside Face 4" Min. Thickness 24ga., or 0.040" aluminum	TAS 111 (C)	Decorative aluminum or galvanized coping cap with galvanized steel anchor/support cleats.



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PolyForza Cantilever Coping	Max. 10" Outside Face Max. Length 12' Max. Wall width 24" Max. 4" Inside Face Min. Thickness 24ga. or 0.040" aluminum	TAS 111 (C)	Decorative aluminum or galvanized coping cap with galvanized steel anchor/support cleats.
PolyForza Nailer	Metal Deck or Masonry Wall: Max. 3" Face Height Max. 5.5" Flange Length Max. Length 12' Min. Thickness. 0.100" aluminum	FM 4435	A heavy gauge aluminum nailer replacement or enhancement for wood nailers having a 9/32 x 3/8" predrilled slotted holes spaced 6" o.c.
	Wood Nailer: Max. 3" Face Height Max. 2.5" Flange Length Max. Length 12' Min. Thickness. 0.080" aluminum		
PolyForza EdgeBox	Maximum Length 10' Maximum face leg 4.5" Maximum cap width 5.5"	TAS 111 (B)	An engineered metal replacement system for roof nailers.
PolyForza Extender	Maximum Length 10' Maximum face leg 8"	TAS 111 (B)	System used to extend the coverage of continuous water-tight metal systems. Secured with a continuous cleat.
PolyForza Extender with Offset	Maximum Length 10' Maximum face leg 8"	TAS 111 (B)	System used to extend the coverage of continuous water-tight metal systems. Secured with a continuous cleat.
PolyForza Box Gutter	Maximum length 10' Maximum face leg 7-3/4"	TAS 111 (B)	Gutters fabricated from either aluminum or prefinished steel.
PolyForza Offset Gutter	Maximum length 10' Maximum face leg 7-3/4"	TAS 111 (B)	Gutters fabricated from either aluminum or prefinished steel.
PolyForza Chamfer Gutter	Maximum length 10' Maximum face leg 7-3/4"	TAS 111 (B)	Gutters fabricated from either aluminum or prefinished steel.



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EVIDENCE SUBMITTED:

Test Agency	Test Identifier	Test Name/Report	Date
Intertek ETL Semko	3032125	TAS 111(B)	10/31/02
		TAS 111(C)	10/31/02
	3033767	TAS 111 (B)	10/31/02
	3033767 Addendum	TAS 111 (B)	10/02/03
Farabaugh Engineering and Testing,	T295-16	TAS 111 (C)	11/02/16
Inc.	T294-16	TAS 111 (C)	11/02/16
	T291-16	TAS 111 (B)	11/02/16
Factory Mutual Research Corp.	3052487	FM 4435	08/17/16
•	PR449542	FM 4435	10/02/18
	3062924	FM 4435	04/17/19

MANUFACTURING LOCATION

1. Waukesha, WI.



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INSTALLATION:

PolyForza Coping (14"):

PolyForza Coping Anchor clips shall be spaced a maximum of three feet o.c. Anchor clips shall be fastened with #10 x $1-\frac{1}{2}$ " hex head screws fastened through the third hole of the top portion of the anchor clip the side where the stainless-steel spring clip is located (see detail "A" herein). And with two additional $1-\frac{1}{4}$ " annular ring shank nail fastened in the provided holes on the opposite face at a maximum of 3" up from the bottom lip (see detail "A" herein).

Maximum Design Pressure: -168.5 psf. (vertical)

PolyForza Coping (16"):

PolyForza Coping Anchor clips shall be spaced a maximum of three feet O.C. Anchor clips shall be fastened with #10-12 s 1-1/2" long S.S. hex head screws with ½" washer. One fastener located in third full hole from bend on both sides of 12" wide anchor clip on inside face and outside face of coping. In addition, one fastener #14-12 x 1-1/2" long flat head screw located in hole closest to center of wood blocking on both sides of 12" anchor clip on inside wall of coping and one fastener #14-12 x 1-1/2" long flat head screw in fifth hold from bottom of drip edge on both sides of 12" wide anchor clip (see detail "B" herein).

Maximum Design Pressure: -301.7 psf. (horizontal); -261.5 psf. (vertical)

PolyForza Gold Coping:

PolyForza Gold Coping Anchor clips shall be spaced a maximum of three feet O.C. Anchor clips shall be fastened with #10-12 s 1-1/2" long S.S. hex head screws with ½" washer. One fastener located in third full hole from bend on both sides of 12" wide anchor clip on inside face and outside face of coping. In addition, one fastener #14-12 x 1-1/2" long flat head screw located in hole closest to center of wood blocking on both sides of 12" anchor clip on inside wall of coping and one fastener #14-12 x 1-1/2" long flat head screw in fifth hold from bottom of drip edge on both sides of 12" wide anchor clip (see detail "C" herein).

Maximum Design Pressure: -368.3 psf. (horizontal); -242.8 psf. (vertical)

PolyForza One Fascia (Modified)

The top portion of the anchor bar shall be fastened with a minimum #10-12 x 2" S.S. hex head screw with $\frac{1}{2}$ " S.S. washer @ 12" on center secured to the top nailer (see detail "D" herein).

Maximum Design Pressure: -141.5 psf. (horizontal)



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PolyForza Standard Fascia	TAS 111 (B)	Decorative galvanized steel or aluminum
B.U.R./Modified Version		fascia with continuous extruded aluminum
		bar.

PolyForza Standard Fascia B.U.R./Modified Version

- For Face Height less than or equal to 5.5 in (140 mm): The anchor bar is secured to the wood nailer with #10-2.0 in (51 mm) long or #14 stainless steel screws (wood substrates only) or masonry screws (wood or masonry substrates) with washer secured on the vertical face with the fasteners spaced 12 in (305 mm) o.c. approximately 1.25 in (32 mm) down from top of anchor bar.
- For Face Heights less than or equal to 8.5 in (216 mm) The anchor bar is secured to the wood nailer with #10-2.0 in (51 mm) long or #14 stainless steel screws (wood substrates only) or masonry screws (wood or masonry substrates) secured on the vertical face in one row only. The top row of fasteners is spaced 12 in (305 mm) o.c. approximately 1.25 in (32 mm) from the top of the anchor bar.
- For Face Heights greater than 5.5 in (140 mm) and less than or equal to 8.5 in (216 mm) The anchor bar is secured to the wood nailer with #10-2.0 in (51 mm) long or #14 stainless steel screws (wood substrates only) or masonry screws (wood or masonry substrates) secured on the vertical face in two rows. The top row of fasteners is spaced 12 in (305 mm) o.c. approximately 1.25 in (32 mm) from the top of the anchor bar. The bottom row of fasteners is spaced 24 in (610 mm) o.c. approximately 2.75 in (70 mm) from top of the anchor bar. The rows are staggered
- Fascia cover is installed over the anchor bar.

Material	May Face Height (in)	Perimeter P	Perimeter Pressure (psf.)		essure (psf.)
Materiai	Max Face Height (in.)	Horizontal	Vertical	Horizontal	Vertical
0.040in. Alum [Fascia Cover]	5.5	262	454	272	570
0.040in. Alum [Fascia Cover]	8.5 [fastening only (1) row]	146	252	145	304
0.040in. Alum [Fascia Cover]	5.5 [fastening (2) rows]	175	302	163	342
0.040in. Alum [Fascia Cover]	8.5 fastening (2) rows]	175	302	163	342
24ga. Steel [Fascia Cover]	5.5	262	454	272	570
24ga. Steel [Fascia Cover]	8.5 [fastening only (1) row]	146	252	145	304
24ga. Steel [Fascia Cover]	5.5 [fastening (2) rows]	175	302	163	342
24ga. Steel [Fascia Cover]	8.5 [fastening (2) rows]	175	302	163	342



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PolyForza Extended Fascia	TAS 111 (B)	Decorative galvanized steel or aluminum
B.U.R/Modified Version		fascia with continuous extruded aluminum
		bar.

PolyForza Extended Fascia B.U.R/Modified Version

- The anchor bar is secured to the wood nailer with #10-2.0 in (51 mm) long or #14 stainless steel screws (wood substrates only) or masonry screws (wood or masonry substrates) secured on the vertical face with the fasteners spaced maximum 12 in (305 mm) o.c. approximately 1.25 in (32 mm) down from the top anchor bar.
- The cleat is secured to the wood nailer with #14 stainless steel screws (wood substrates only) or masonry screws (wood or masonry substrates) secured on the vertical face with the fasteners spaced maximum 24 in (610 mm) o.c. approximately 2.125 (54 mm) o.c. up from the bottom of the cleat
- Fascia cover is applied over the anchor bar.

Motorial	May Face Height (in)	Perimeter Pressure (psf.)		Corner Pressure (psf.)	
Material	Max Face Height (in.)	Horizontal	Vertical	Horizontal	Vertical
0.050in. Alum [Fascia Cover]	13	175	302	163	342
0.063in. Alum [Fascia Cover]	13	175	303	163	342
20ga. Steel [Cleat]	13	175	303	163	342

PolyForza HG Fascia -	TAS 111 (B)	Decorative aluminum fascia with continuous
B.U.R./Modified Version		extruded aluminum bar.

PolyForza HG Fascia - B.U.R./Modified Version

- The anchor bar is secured to the wood nailer with #10-2.0 in (51 mm) long or #14 stainless steel screws (wood substrates only) or masonry screws (wood or masonry substrates) secured on the vertical face with the fasteners spaced 12 in (305 mm) o.c. approximately 1.25 in (32 mm) from the top anchor bar.
- Fascia cover is applied over the anchor bar.

Matarial	May Face Height (in)	Perimeter Pressure (psf.)		Corner Pressure (psf.)	
Material	Max Face Height (in.)	Horizontal	Vertical	Horizontal	Vertical
0.040in. Alum [Fascia Cover]	8.5	175	302	163	342
0.050in. Alum [Fascia Cover]	7	364	630	362	759
0.050in. Alum [Fascia Cover]	8.5	291	504	289	607
0.050in. Alum [Fascia Cover]	10	189	328	181	380
0.063in. Alum [Fascia Cover]	7	364	630	362	759
22ga. Steel [Fascia Cover]	8.5 or 10	175	302	163	342



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PolyForza HG Fascia-	TAS 111 (B)	Decorative aluminum fascia with continuous
B.U.R./Modified Version with		extruded aluminum bar.
PolyForza Nailer		

PolyForza HG Fascia B.U.R./Modified Version

- The anchor bar is secured to the wood nailer with #10-2.0 in (51 mm) long or #14 stainless steel screws (wood substrates only) or masonry screws (wood or masonry substrates), or Tek 3 x 1 in (76 x 25 mm) long (PolyForza Nailer) secured on the vertical face with the fasteners spaced 12 in (305 mm) o.c. approximately 1.25 in (32 mm) from the top anchor bar.
- Fascia cover is applied over the anchor bar.

Material	May Face Height (in)	Perimeter Pressure (psf.)		Corner Pressure (psf.)	
Materiai	Max Face Height (in.)	Horizontal	Vertical	Horizontal	Vertical
0.050in. Alum [Fascia Cover]	10	204	353	199	417
22ga. Steel [Fascia Cover]	8.5 or 10	175	302	181	380

PolyForza Nailer	TAS 111 (B)	Decorative aluminum fascia with continuous
(Sub-assembly Performance)		extruded aluminum bar.

PolyForza Nailer (Sub-assembly Performance)

- The PolyForza Nailer is a heavy gauge aluminum nailer replacement or enhancement for wood nailers or masonry walls. When used with a masonry wall, the face height is 1.5 or 3 in. (38 or 76 mm), the flange length is 5.5 in. (140 mm) wide, and the thickness is 0.100 in. (2.5 mm), and it can be secured with a #14 masonry screw or 0.25 in. (6.4 mm) concrete spike. When used with a wood nailer, the face height is 1.5 or 3 in (38.1 or 76.2 mm), the flange length is 2.5 in, (64 mm) wide, and the thickness is 0.080 in (2.0 mm) and secured with a #14 steel screws. Both come with 9/32 x 3/8 in. (7.1 x 15.9 mm) predrilled slotted holes spaced 6 in (152.4 mm) o.c. staggered distances from the face. The PolyForza Nailer is to be used with FM Approved fascia.
- PolyForza HG Fascia is attached to the PolyForza Nailer with Tek 3 x 1 in. (76 x 25 mm) long fasteners secured on the vertical face with the fasteners spaced 12 in. (305 mm) o.c. approximately 1.25 in. (32 mm) from the top of the PolyForza Nailer face.

Material	Max Face Height (in.)	Perimeter Pressure (psf.)*		Corner Pressure (psf.)*	
		Horizontal	Vertical	Horizontal	Vertical
0.080in. Alum [Fascia Cover]	1.5	960	1,663	1,193	2,505
0.100in. Alum [Fascia Cover]	3	960	1,663	1,193	2,505
Note:	*Performance herein reflects performance of the PolyForza Nailer sub-assembly. Overall system performance to be limited to that of the PolyForza HG Fascia assembly selection, as noted herein.				



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PolyForza One Fascia	TAS 111 (B)	Decorative galvanized steel or aluminum
(Modified)		fascia with continuous formed rail.

PolyForza One Fascia (Modified)

- For Face Height less than or equal to 5 in (127 mm): The rail is secured to the wood nailer with #10-2.0 in (51 mm) long or #14 stainless steel screws (wood substrates only) or masonry screws (wood or masonry substrates) secured on the vertical face with the fasteners spaced maximum 12 in (305 mm) o.c. approximately 1.25 in (32 mm) from the top of the rail.
- For Face Heights less than or equal to 8 in (203 mm) The rail is secured to the wood nailer with two rows of #10-2.0 in (51 mm) long or #14 stainless steel screws (wood substrates only) or masonry screws (wood or masonry substrates). The top row is secured on the vertical face with the fasteners spaced 12 in (305 mm) o.c. approximately 1.25 in (32 mm) from the top of the rail. The bottom row is secured on the vertical face with the fasteners spaced 24 in (610 mm) o.c. approximately 2.75 in (70 mm) from the top of the rail.
- Spring clips are placed over the rail spaced 48 in (1219 mm) o.c.
- Fascia cover is snapped into place.

Material	May Face Height (in)	Perimeter Pressure (psf.)		Corner Pressure (psf.)	
Materiai	l Max Face Height (in.)		Vertical	Horizontal	Vertical
0.040in. Alum [Fascia Cover]	5	407	706	416	873
0.040in. Alum [Fascia Cover]	8	175	302	163	342
20ga. Steel [Rail]	5	407	706	416	873
20ga. Steel [Rail]	8	175	302	163	342
24ga. Steel [Fascia Cover]	5	407	706	416	873
24ga. Steel [Fascia Cover]	8	175	302	163	342

PolyForza Drip Edge	TAS 111 (B)	Decorative galvanized steel or aluminum
		fascia with continuous formed rail.

PolyForza Drip Edge

- The continuous cleat is secured to the wood nailer with 1.25 in (32 mm) long ring shank nails secured on the vertical face spaced maximum 12 in (305 mm) o.c. approximately 0.813 in (21 mm) down from the top of the wall.
- The top flange of the fascia cover is fastened with 1.25 in (32 mm) long ring shank nails in two staggered rows, each row spaced 12 in (305 mm) o.c., the rows are 1.75 in (44 mm) and 3 in (76 mm) from edge of wall.

Matarial	Mary Fana Haight (in)	Perimeter Pressure(psf.)		Corner Pressure (psf.)	
Material	Max Face Height (in.)	Horizontal	Vertical	Horizontal	Vertical
0.040in. Alum [Fascia Cover]	6	276	479	271	569
22ga. Steel [Cleat]	6	276	479	271	569
24ga. Steel [Fascia Cover]	6	276	479	271	569



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PolyForza One Drip Edge	TAS 111 (B)	Decorative galvanized steel or aluminum
		fascia with continuous formed rail.

PolyForza One Drip Edge

- For Face Height less than or equal to 6 in (152 mm): The continuous cleat is secured to the wood nailer with 1.25 in (32 mm) long ring shank nails secured on the vertical face spaced 12 in (305 mm) o.c. approximately 0.813 in (21 mm) down from the top of the wall.
- The top flange of the fascia cover is fastened with 1.25 in (32 mm) long ring shank nails spaced 6 in (152 mm) o.c, 0.5 in (13 mm) edge of flange.
- For Face Height greater than 6 in (152 mm) and less than or equal to 10 in (254 mm): The continuous cleat is secured to the wood nailer with 1.25 in (32 mm) long ring shank nails secured on the vertical face spaced 12 in (305 mm) o.c. approximately 1.5 in (38 mm) up from the drip.
- The top flange of the fascia cover is fastened with 1.25 in (32 mm) long ring shank nails spaced 6 in (152 mm) o.c, 0.4375 in (11 mm) edge of flange.

Matarial	May Easa Haight (in)	Perimeter Pi	ressure (psf.)	Corner Pressure (psf.)	
Material	Max Face Height (in.)	Horizontal	Vertical	Horizontal	Vertical
0.040in. Alum [Fascia Cover]	6	276	479	271	569
0.040in. Alum [Fascia Cover]	10	175	302	163	342
0.050in. Alum [Fascia Cover]	6	276	479	271	569
0.050in. Alum [Fascia Cover]	10	175	302	163	342
0.063in. Alum [Fascia Cover]	6	276	479	271	569
0.063in. Alum [Fascia Cover]	10	175	302	163	342
0.040in. Alum [Fascia Cover – PVC or TPO Coating]	6	276	479	271	569
0.040in. Alum [Fascia Cover – PVC or TPO Coating]	10	175	302	163	342
22ga. Steel [Fascia Cover]	6	276	479	271	569
22ga. Steel [Fascia Cover]	10	175	302	163	342
24ga. Steel [Fascia Cover]	6	276	479	271	569
24ga. Steel [Fascia Cover]	10	175	302	163	342
24ga. Steel [Fascia Cover – PVC or TPO Coating]	6	276	479	271	569
24ga. Steel [Fascia Cover – PVC or TPO Coating]	10	175	302	163	342
22ga. Steel [Cleat]	6	276	479	271	569
22ga. Steel [Cleat]	10	175	302	163	342



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PolyForza One Extended Fascia	TAS 111 (B)	Decorative galvanized steel or aluminum		
		fascia with continuous formed rail.		

PolyForza One Extended Fascia

- The continuous cleat is secured to the wood nailer in two rows. The top row is #10-2 in (51 mm) long or #14 stainless steel screws (wood substrates only) or masonry screws (wood or masonry substrates) secured 12 in (305 mm) o.c. approximately 1 in (19 mm) down from the upper horizontal surface. The bottom row is 1/4x1 ½ Long masonry/wood screws spaced 24 in (605 mm) o.c. approximately 2.125 in (54 mm) up from the bottom edge of the cleat.
- Spring clips are placed over the rail spaced 48 in (1219 mm) o.c.
- Fascia cover is snapped into place.

Material Max Face Ho	Mary Eaga Haight (in)	Perimeter Pressure (psf.)		Corner Pressure (psf.)	
	Max Face Height (iii.)	Horizontal	Vertical	Horizontal	Vertical
0.050in. Alum [Fascia Cover]	12.5	146	252	145	304
20ga. Steel [Cleat]	12.5	146	252	145	304



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PolyForza 300 Fascia, Modified,	TAS 111 (B)	Decorative galvanized steel or aluminum
Snap-On		fascia with continuous formed rail.

PolyForza 300 Fascia, Modified, Snap-On

- Steel cant/waterdam is secured to wood nailers with 1-1/4 in (32 mm) long ring shank roofing nails secured on the vertical face spaced 12 in (305 mm) o.c. 2 ¼ in (57 mm) from bottom of drip edge and on the top 6 in (152) o.c. approximately 0.5 in (13 mm) from the edge.
- Stainless steel spring clips are applied maximum 4 ft. (1.2 m) o.c.
- An FM Approved roof membrane is applied over the cant.
- The fascia cover is then snapped into place over the cant.

Material	May Face Height (in)	Perimeter P	Perimeter Pressure (psf.)		essure (psf.)
Materiai	Max Face Height (in.)	Horizontal	Vertical	Horizontal	Vertical
0.040in. Alum [Fascia Cover]	8.25	189	328	182	380
0.040in. Alum [Fascia Cover]	12.75	116	202	109	228
0.050in. Alum [Fascia Cover]	8.25	204	353	200	417
0.050in. Alum [Fascia Cover]	12.75	116	202	109	228
0.063in. Alum [Fascia Cover]	12.75	116	202	109	228
24ga. Steel [Fascia Cover]	8.25	189	328	182	380
24ga. Steel [Fascia Cover]	12.75	116	202	109	228
24ga. Steel [Waterdam]	8.25	189	328	182	380
24ga. Steel [Waterdam]	12.75	116	202	109	228



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PolyForza Coping	TAS 111 (C)	Decorative aluminum coping cap with		
		galvanized steel anchor/support cleats.		

PolyForza Coping (Min. 20ga. Anchor Clips)

- Anchor clips are secured on the 6 in (152 mm) face with two #10 or #14 stainless steel screws (wood substrates only) or masonry screws (wood or masonry substrates) 1.5 in (38 mm) from the bottom and on the top of the 6 in (152 mm) side with two screws 1.75 in (44 mm) from the edge. On the 4 in (102 mm) side the face is secured with two screws 1.25 in (32 mm) from the bottom and on the top of the 4 in (102 mm) side with two screws 1.125 in (28.6 mm) from the edge.
- Anchor clips are spaced 24 in (610 mm), 36 in (914 mm) or 48 in (1219 mm) o.c.
- The coping cap is snapped into place over the anchor clips.

Matarial Haight	12 Anchor 10 Anchor 12 Anchor 14 Anchor 16 Anchor 24 Anchor 16	6 r Clip Materia	87 l and O.C. Space 204 l and O.C. Space 116 l and O.C. Space 116 l and O.C. Space 131 l and O.C. Space 73	Vertical 278 278 289 299 200 200 200 200 200 20	73 4 ft o.c. 163 4 ft o.c. 91 3 ft o.c. 91 3 ft o.c. 109 4 ft o.c.	Vertical 266 152 342 190 190 228					
0.040in. Alum or 24ga. Steel [Coping Cap] 4 0.040in. Alum or 24ga. Steel [Coping Cap] 4 0.050in. or 0.063in. Alum [Coping Cap]	Anchor 12 Anchor 10 Anchor 12 Anchor 14 Anchor 16 Anchor 16 Anchor 16	r Clip Materia 6 r Clip Materia	1 and O.C. Space 87 1 and O.C. Space 204 1 and O.C. Space 116 1 and O.C. Space 116 1 and O.C. Space 131 1 and O.C. Space 73	20 ga, and 151 sing: 20 ga, and 353 sing: 16 ga, and 202 sing: 20 ga, and 202 sing: 20 ga, and 227 sing: 16 ga, and 227 sing: 16 ga, and 216 ga, and 227 sing: 16 ga, and 217 sing: 16 ga, and 218 sing: 16 ga, and	4 ft o.c. 73 4 ft o.c. 163 4 ft o.c. 91 3 ft o.c. 91 3 ft o.c. 109 4 ft o.c.	152 342 190 190					
0.040in. Alum or 24ga. Steel [Coping Cap] 4 0.040in. Alum or 24ga. Steel [Coping Cap] 4 0.050in. or 0.063in. Alum [Coping Cap]	12 Anchor 10 Anchor 12 Anchor 14 Anchor 16 Anchor 24 Anchor 16	6 r Clip Materia	87 l and O.C. Space 204 l and O.C. Space 116 l and O.C. Space 116 l and O.C. Space 131 l and O.C. Space 73	151 20 ga, and 353 202 202 202 202 202 202 202	73 4 ft o.c. 163 4 ft o.c. 91 3 ft o.c. 91 3 ft o.c. 109 4 ft o.c.	342 190 190					
0.040in. Alum or 24ga. Steel [Coping Cap] 4 0.040in. Alum or 24ga. Steel [Coping Cap] 4 0.050in. or 0.063in. Alum [Coping Cap]	10 Anchor 12 Anchor 14 Anchor 16 Anchor 24 Anchor 16	r Clip Materia 6 r Clip Materia	1 and O.C. Space 204 1 and O.C. Space 116 1 and O.C. Space 116 1 and O.C. Space 131 1 and O.C. Space 73	20 ga, and 353 202 202 202 202 202 202 202	4 ft o.c. 163 4 ft o.c. 91 3 ft o.c. 91 3 ft o.c. 109 4 ft o.c.	342 190 190					
0.040in. Alum or 24ga. Steel [Coping Cap] 4 0.040in. Alum or 24ga. Steel [Coping Cap] 4 0.050in. or 0.063in. Alum [Coping Cap]	10 Anchor 12 Anchor 14 Anchor 16 Anchor 24 Anchor 16	6 r Clip Materia	204 l and O.C. Space 116 l and O.C. Space 116 l and O.C. Space 131 l and O.C. Space 73	353 202 202 202 202 202 202 202	163 4 ft o.c. 91 3 ft o.c. 91 3 ft o.c. 109 4 ft o.c.	190 190					
0.040in. Alum or 24ga. Steel [Coping Cap] 4 0.040in. Alum or 24ga. Steel [Coping Cap] 4 0.050in. or 0.063in. Alum [Coping Cap]	Anchor 12 Anchor 14 Anchor 16 Anchor 24 Anchor 16	r Clip Materia 6 r Clip Materia	116 116 1 and O.C. Space 116 1 and O.C. Space 131 1 and O.C. Space 73	202 202 202 202 202 202 202 202 202 203 204 207 207 208 209 209 209 209 209 209 209 209 209 209	4 ft o.c. 91 3 ft o.c. 91 3 ft o.c. 109 4 ft o.c.	190 190					
or 24ga. Steel [Coping Cap] 4 0.040in. Alum or 24ga. Steel [Coping Cap] 4 0.050in. or 0.063in. Alum [Coping Cap]	12 Anchor 14 Anchor 16 Anchor 24 Anchor 16	6 r Clip Materia	116 l and O.C. Space 116 l and O.C. Space 131 l and O.C. Space 73	202 eing: 20 ga, and 202 eing: 20 ga, and 227 eing: 16 ga, and	91 3 ft o.c. 91 3 ft o.c. 109 4 ft o.c.	190					
or 24ga. Steel [Coping Cap] 4 0.040in. Alum or 24ga. Steel [Coping Cap] 4 0.050in. or 0.063in. Alum [Coping Cap]	Anchor 14 Anchor 16 Anchor 24 Anchor 16	r Clip Materia 6 r Clip Materia 6 r Clip Materia 6 r Clip Materia 6 r Clip Materia	l and O.C. Space 116 l and O.C. Space 131 l and O.C. Space 73	202 ga, and 202 cing: 20 ga, and 227 cing: 16 ga, and	3 ft o.c. 91 3 ft o.c. 109 4 ft o.c.	190					
[Coping Cap] 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	14 Anchor 16 Anchor 24 Anchor 16	6 r Clip Materia 6 r Clip Materia 6 r Clip Materia	116 l and O.C. Space 131 l and O.C. Space 73	202 eing: 20 ga, and 227 eing: 16 ga, and	91 3 ft o.c. 109 4 ft o.c.						
0.040in. Alum or 24ga. Steel [Coping Cap] 4 0.050in. or 0.063in. Alum	14 Anchor 16 Anchor 24 Anchor 16	6 r Clip Materia 6 r Clip Materia 6 r Clip Materia	116 l and O.C. Space 131 l and O.C. Space 73	202 eing: 20 ga, and 227 eing: 16 ga, and	91 3 ft o.c. 109 4 ft o.c.						
0.040in. Alum or 24ga. Steel [Coping Cap] 4 0.050in. or 0.063in. Alum [Coping Cap]	16 Anchor 24 Anchor 16	6 r Clip Materia 6 r Clip Materia	131 l and O.C. Spac 73	227 eing: 16 ga, and	109 4 ft o.c.	228					
0.040in. Alum or 24ga. Steel [Coping Cap] 4 0.050in. or 0.063in. Alum [Coping Cap]	Anchor 24 Anchor 16	r Clip Materia 6 r Clip Materia	and O.C. Space	ing: 16 ga, and	4 ft o.c.	228					
0.040in. Alum	24 Anchor 16	6 r Clip Materia	73								
0.040in. Alum	24 Anchor 16	6 r Clip Materia	73								
or 24ga. Steel [Coping Cap] 4 4 0.050in. or 0.063in. Alum [Coping Cap]	16		l and O.C. Snac		N/A	N/A					
or 24ga. Steel [Coping Cap] 4 4 0.050in. or 0.063in. Alum [Coping Cap]	16		Anchor Clip Material and O.C. Spacing: 16 ga, and 3 ft o.c.								
[Coping Cap] 4 4 0.050in. or 0.063in. Alum [Coping Cap]		12	73	126	N/A	N/A					
0.050in. or 0.063in. Alum	Anchor	r Clip Materia	l and O.C. Spac	cing: 16 ga, and	4 ft o.c.						
0.050in. or 0.063in. Alum	8	6	218	378	182	380					
0.050in. or 0.063in. Alum	Ancho	r Clip Materia	and O.C. Space	eing: 20 ga, and	4 ft o.c.						
0.050in. or 0.063in. Alum	10	6	233	403	182	380					
0.050in. or 0.063in. Alum	Anchor Clip Material and O.C. Spacing: 16 ga, and 4 ft o.c.										
0.063in. Alum	12	6	131	227	109	228					
0.063in. Alum	Anchor Clip Material and O.C. Spacing: 20 ga, and 3 ft o.c.										
[Coning Can]	14	6	116	202	91	190					
[Coping Cap] 4	Ancho	r Clip Materia	and O.C. Space	eing: 20 ga, and	3 ft o.c.						
	16	6	88	152	73	152					
	Ancho	r Clip Materia	and O.C. Space	eing: 20 ga, and	3 ft o.c.						
4	24	6	102	177	73	152					
	Ancho	r Clip Materia	and O.C. Space	eing: 16 ga, and	3 ft o.c.						
4	32	6	88	152	73	152					
	Ancho	r Clip Materia	and O.C. Space	cing: 16 ga, and	2 ft o.c.						
0.050: 4	16	12	117	202	91	190					
0.050in. or	4 16 12 117 202 91 190 Anchor Clip Material and O.C. Spacing: 16 ga, and 4 ft o.c.										
0.063in. Alum	Ancho	12	102	177	91	190					
[Coping Cap]	Anchor 24			cing: 16 ga, and	/ 1						



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PolyForza Coping	TAS 111 (C)	Decorative aluminum coping cap with		
		galvanized steel anchor/support cleats.		

PolyForza Coping (16 ga. Anchor Clips)

- Anchor clips are secured on the 6 in (152 mm) face with two #10 or #14 stainless steel screws (wood substrates only) or masonry screws (wood or masonry substrates) 1.5 in (38 mm) from the bottom and on the top of the 6 in (152 mm) side with two screws 1.75 in (44 mm) from the edge. On the 4 in (102 mm) side the face is secured with two screws 1.25 in (32 mm) from the bottom and on the top of the 4 in (102 mm) side with two screws 1.125 in (28.6 mm) from the edge.
- Anchor clips are spaced 24 in (610 mm), 36 in (914 mm) or 48 in (1219 mm) o.c.
- The coping cap is snapped into place over the anchor clips.

	Max Back	Max Wall	Max Face	Perimeter Pi	Perimeter Pressure (psf.)		ssure (psf.)
Material	Height (in.)	Width (in.)	Height (in.)	Horizontal	Vertical	Horizontal	Vertical
0.040in. Alum	4	12	6	146	252	109	228
or 24ga. Steel [Coping Cap]	Anchor Clip Material and O.C. Spacing: 16 ga, and 4 ft o.c.						
0.050:	4	12	6	218	378	182	380
0.050in. or 0.063in. Alum [Coping Cap]		Anchor Clip Material and O.C. Spacing: 16 ga, and 4 ft o.c.					
	4	16	6	146	252	127	266
		Anchor	r Clip Material	and O.C. Spac	ing: 16 ga, and	4 ft o.c.	



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PolyForza Gold Coping	TAS 111 (C)	Decorative aluminum coping cap with
		galvanized steel anchor/support cleats.

PolyForza Gold Coping (Min. 20 ga. Anchor Clips)

- Anchor clips are secured on the outside face with two #10 or #14 stainless steel screws (wood substrates only) or masonry screws (wood or masonry substrates) 1.5 in (38 mm) from the bottom and on the top of the outside with two screws 1.75 in (44 mm) from the edge. On the inside face are secured with two screws 1.25 in (32 mm) from the bottom and on the top of the inside with two screws 1.125 in (28.6 mm) from the edge.
- Anchor clips are spaced 24 in (610 mm), 36 in (914 mm) or 48 in (1219 mm) o.c. as noted below
- The coping cap is snapped into place over the anchor clips.

	Max	Max	Max Face	Perimeter P	essure (psf)	Corner Pressure (psf.)		
Material	Back Height (in.)	Wall Width (in.)	Height (in.)	Horizontal	Vertical	Horizontal	Vertical	
	4	8	6	146	252	109	228	
			Anchor Clip	o Material and C	.C. Spacing: 20	ga, and 4 ft o.c.		
	4	10	6	218	378	182	380	
			Anchor Clip	o Material and C		ga, and 4 ft o.c.		
0.040in. Alum or	4	12	6	116	202	91	190	
24ga. Steel			Anchor Clip	o Material and C		ga, and 3 ft o.c.		
[Coping Cap]	4	14	6	87	151	73	152	
[coping cup]			Anchor Clip	o Material and C		ga, and 3 ft o.c.		
	4	16	6	87	151	N/A	N/A	
			Anchor Clip		.C. Spacing: 20	ga, and 3 ft o.c.		
	4	24	6	116	202	91	190	
	Anchor Clip Material and O.C. Spacing: 16 ga, and 3 ft o.c.							
0.040in. Alum or	4	16	12	131	227	109	228	
24ga. Steel				o Material and C		ga, and 4 ft o.c.		
[Coping Cap]	4	24	12	87	151	73	152	
[coping cup]			Anchor Clip			ga, and 4 ft o.c.		
	4	8	6	190	328	163	342	
			Anchor Clip			ga, and 4 ft o.c.		
	4	10	6	291	504	236	493	
	,					ga, and 4 ft o.c.		
	4	12	6	146	252	109	228	
0.050in. or	,		Anchor Clip			ga, and 3 ft o.c.		
0.063in. Alum	4	14	6	116	202	91	190	
[Coping Cap]	,		Anchor Clip			ga, and 3 ft o.c.		
[coping cup]	4	16	6	102	176	73	152	
	,					ga, and 3 ft o.c.		
	4	24	6	131	227	109	228	
	,		Anchor Clip			ga, and 3 ft o.c.		
	4	32	6	87	151	73	152	
	,			p Material and C		ga, and 2 ft o.c.		
0.050in. or	4	16	12	146	252	109	228	
0.063in. Alum						ga, and 4 ft o.c.		
[Coping Cap]	4	24	12	102	176	91	190	
[cohing out]			Anchor Clip	p Material and C	.C. Spacing: 16	ga, and 3 ft o.c.		



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PolyForza Gold Coping	TAS 111 (C)	Decorative aluminum coping cap with		
		galvanized steel anchor/support cleats.		

PolyForza Gold Coping (16 ga. Anchor Clips)

- Anchor clips are secured on the outside face with two #10 or #14 stainless steel screws (wood substrates only) or masonry screws (wood or masonry substrates) 1.5 in (38 mm) from the bottom and on the top of the outside with two screws 1.75 in (44 mm) from the edge. On the inside face are secured with two screws 1.25 in (32 mm) from the bottom and on the top of the inside with two screws 1.125 in (28.6 mm) from the edge.
- Anchor clips are spaced 24 in (610 mm), 36 in (914 mm) or 48 in (1219 mm) o.c. as noted below
- The coping cap is snapped into place over the anchor clips.

	Max Back Max Wall		Max Face	Perimeter P	ressure (psf)	Corner Pressure (psf)			
Material	Height (in.)	Width (in.)	Height (in.)	Horizontal	Vertical	Horizontal	Vertical		
0.040: 4.1	4	12	6	189	328	163	342		
0.040in. Alum		Anchor Clip Material and O.C. Spacing: 16 ga, and 4 ft o.c.							
or 24ga. Steel	4	16	6	131	227	109	228		
[Coping Cap]	Anchor Clip Material and O.C. Spacing: 16 ga, and 4 ft o.c.								
0.050	4	12	6	233	403	182	380		
0.050in. or 0.063in. Alum [Coping Cap]		Anchor Clip Material and O.C. Spacing: 16 ga, and 4 ft o.c.							
	4	16	6	146	252	109	228		
		Ancho	r Clip Material	and O.C. Space	ing: 16 ga, and	4 ft o.c.			



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PolyForza Continuous Cleat	TAS 111 (C)	Decorative aluminum coping cap with
Coping (Tapered, Flat and		galvanized steel anchor/support cleats.
Existing Slope)		

PolyForza Continuous Cleat Coping (Tapered, Flat and Existing Slope)

- The outside cleat is secured to the front face of the substrate with #14 stainless steel screws (wood substrate only) or masonry screw spaced 12 in (305 mm) o.c. and 1.25 in (32 mm) up from the bottom edge of the cleat and is secured to the top face of the substrate with #14 stainless steel screws (wood substrate only) or masonry screw spaced 12 in (305 mm) o.c. and 0.5 in (13 mm) from the edge of the cleat.
- The inside cleat is secured to the inside face of the substrate with #14 stainless steel screws (wood substrates only) or masonry screw spaced 12 in (305 mm) o.c. and 1.75 in (44 mm) up from the bottom edge of the cleat and is secured to the top face of the substrate with #14 stainless steel screws (wood substrates only) or masonry screw spaced 12 in (305 mm) o.c. and 0.5 in (13 mm) from the edge of the cleat.
- The coping cap is secured over the two cleats and crimped on the inside face with a hand crimper maximum 18 in (457 mm) o.c.

	Max Back	Max Wall	Max Face	Perimeter Pr	essure (psf.)	Corner Pressure (psf.)	
Material	Height (in.)	Width (in.)	Height (in.)	Horizontal	Vertical	Horizontal	Vertical
0.040in. Alum	4	12	6	190	328	145	304
or 24ga. Steel	4	14	6	160	277	127	266
[Coping Cap]	4	16	6	175	304	145	304
[Coping Cap]	4	24	6	88	152	73	152
0.040in. Alum	4	16	12	146	252	109	228
or 24ga. Steel [Coping Cap]	4	24	12	88	152	73	152
	4	12	6	218	378	182	380
0.050in. or	4	14	6	175	304	145	304
0.063in. Alum	4	16	6	233	404	199	418
[Coping Cap]	4	24	6	131	227	109	228
	4	32	6	102	176	73	152
0.050in. or	4	16	12	218	378	182	380
0.063in. Alum [Coping Cap]	4	24	12	131	227	109	228



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PolyForza Continuous 16 ga	TAS 111 (C)	Decorative aluminum coping cap with
Cleat Coping (Tapered, Flat		galvanized steel anchor/support cleats.
and Existing Slope)		

PolyForza Continuous 16 ga Cleat Coping (Tapered, Flat and Existing Slope)

- The cleat is secured to the outside face with #14 stainless steel screws (wood substrate only) or masonry screw spaced 6 in (152 mm) o.c. and 1.5 in (38 mm) up from the bottom edge of the cleat and is secured to the top face with #14 stainless steel screws (wood substrate only) or masonry screw spaced 12 in (305 mm) o.c. and 0.5 in (13 mm) from the edge of the cleat.
- The coping cap is fastened on the inside face with #10" or #14 stainless steel screws (wood substrate only) or masonry screw spaced 6 in (152 mm) o.c. 1.5 in (38 mm) up from the bottom of the coping cap.

Max Back Material Height (in.)	Max Back	Max Wall	Max Face	Max Face Perimeter Pr		Corner Pressure (psf.)	
	Width (in.)	Haight	Horizontal	Vertical	Horizontal	Vertical	
0.050in. Alum	4	32	6	116	202	91	190
or 0.063in. Alum [Coping Cap]	4	32	6	116	202	91	190
16 ga. Steel [Cleats]	4	32	6	116	202	91	190



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PolyForza Cantilever Coping	TAS 111 (C)	Decorative aluminum coping cap with
		galvanized steel anchor/support cleats.

PolyForza Cantilever Coping

- For 6 in (152 mm) face and 16 in (406 mm) wide walls: Anchor clips are secured on the inside face with two #10 or #14 stainless steel screws (wood substrate only) or masonry screw 1.75 in (44 mm) from the bottom and on the top of the inside side with two screws 1.5 in (38 mm) from the edge. On the top of the outside face is secured with two #10 or #14 stainless steel screws (wood substrate only) or masonry screw 4.5 in (114 mm) from the edge and another two screws 5 in (127 mm) from the edge
- For 10 in (254 mm) face and 24 in (610 mm) wide walls: Anchor clips are secured on the inside face with two #10 or #14 stainless steel screws (wood substrate only) or masonry screw 1.375 in (35 mm) from the bottom and on the top of the inside side with two screws 2.5 in (63.5 mm) from the edge. The top of the outside face is secured with two #10 or #14 stainless steel screws (wood substrate only) or masonry screw 4.5 in (114 mm) from the edge and another two screws 5 in (127 mm) from the edge
- Anchor clips are spaced 36 in (914 mm) o.c.
- The coping cap is snapped into place over the anchor clips.

	Max Back	Max Wall	Max Face	Perimeter Pi	ressure (psf.)	Corner Pre	ssure (psf.)
Material	Height (in.)	Width (in.)	Height (in.)	Horizontal	Vertical	Horizontal	Vertical
0.040in. Alum or 24ga. Steel [Coping Cap]	4	16	6	116	202	91	190
0.050in. Alum or 0.063in. Alum [Coping Cap]	4	16	6	116	202	91	190
0.040in. Alum or 24ga. Steel [Coping Cap]	4	24	10	88	152	N/A	N/A
0.050in. Alum or 0.063in. Alum [Coping Cap]	4	24	10	88	152	73	152

PolyForza EdgeBox	TAS 111 (B)	An engineered metal replacement system for
		roof nailers.

PolyForza EdgeBox - Maximum length 10'. 5.5" face width, 4.5" face leg, 4.5" back leg. Minimum 20ga. galvanized steel two-piece unit. Installed to the bottom with #14 Universal fasteners, spaced at 12" o.c. and top secured with #14 HD fasteners spaced at 48" o.c. and #14 Universal fasteners at 12" o.c. through each side of PolyForza EdgeBox.

Max Back Material Height (in.)	Max Back Max Wall		Max Face	Perimeter Pressure(psf)		Corner Pressure (psf)	
	Width (in.)	Height (in.)	Horizontal	Vertical	Horizontal	Vertical	
20ga. Steel	4.5	5.5	4.5	523	n/a	434	n/a



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PolyForza Extender	TAS 111 (B)	System used to extend the coverage of
		continuous water-tight metal systems.

PolyForza Extender – Maximum length 10'. Maximum face height 8.0". 24ga. galvanized steel cleat with fascia cover. Installed 1.5" stainless steel ring shank at 12" o.c.

Material	May Food Height (in)	Perimeter P	ressure(psf)	Corner Pressure (psf)	
	Max Face Height (in.)	Horizontal	Vertical	Horizontal	Vertical
0.040in. Alum	8	58	n/a	73	n/a
0.050in. Alum	8	102	n/a	91	n/a
24ga. Steel	8	73	n/a	73	n/a

PolyForza Extender with Offset	TAS 111 (B)	System used to extend the coverage of
		continuous water-tight metal systems

PolyForza Extender with Offset– Maximum length 10'. Maximum face height 8.0". 24ga. galvanized steel cleat with fascia cover. Installed 1.5" stainless steel ring shank at 12" o.c.

Material	Max Face Height (in.)	Perimeter F	ressure(psf)	Corner Pressure (psf)	
	Max Face Height (iii.)	Horizontal	Vertical	Horizontal	Vertical
0.040in. Alum	8	58	n/a	73	n/a
0.050in. Alum	8	102	n/a	91	n/a
24ga. Steel	8	73	n/a	73	n/a

PolyForza Box Gutter	TAS 111 (C)	Gutters fabricated from either aluminum or
		prefinished steel

PolyForza Box Gutter – Maximum length 10'. Maximum face width 7 ³/₄", 6" face leg. 0.050 aluminum or 24ga. galvanized steel gutter and 1" wide two-piece extruded aluminum gutter bracket. Installed 1.5" universal fasteners at 24" o.c.

Material Max Face Hei		Max Top Width	Perimeter Pressure(psf)		Corner Pressure (psf)	
Materiai	(in.)	(in.)	Horizontal	Vertical	Horizontal	Vertical
0.040in. Alum	6	7.75	87	151	109	228
24ga. Steel	6	7.75	87	151	109	228

PolyForza Offset Gutter	TAS 111 (C)	Gutters fabricated from either aluminum or
		prefinished steel.

PolyForza Offset Gutter – Maximum length 10'. Maximum face width 7 ³/₄", 6" face leg. 0.050 aluminum or 24ga. galvanized steel gutter and 1" wide two-piece extruded aluminum gutter bracket. Installed 1.5" universal fasteners at 24" o.c.

Material	Max Face Height	Max Top Width	Perimeter P	ressure(psf)	Corner Pro	essure (psf)
Materiai	(in.)	(in.)	Horizontal	Vertical	Horizontal	Vertical
0.040in. Alum	6	7.75	87	151	109	228
24ga. Steel	6	7.75	87	151	109	228



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PolyForza Chamfer Gutter	TAS 111 (C)	Gutters fabricated from either aluminum or
		prefinished steel

PolyForza Chamfer Gutter— Maximum length 10'. Maximum face width 7 ³/₄", 6" face leg. 0.050 aluminum or 24ga. galvanized steel gutter and 1" wide two-piece extruded aluminum gutter bracket. Installed 1.5" universal fasteners at 24" o.c.

Material	Max Face Height	Max Top Width Perimeter Pressure(psf)		Corner Pressure (psf)		
Materiai	(in.)	(in.)	Horizontal	Vertical	Horizontal	Vertical
0.040in. Alum	6	7.75	87	151	109	228
24ga. Steel	6	7.75	87	151	109	228

LIMITATIONS:

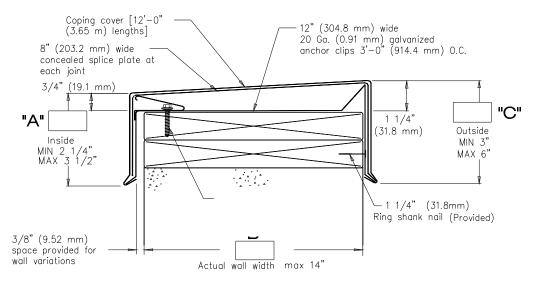
- 1. All products listed herein shall be installed in accordance with the requirements set forth in RAS 111.
- 2. Maximum dimensions shall be as outlined in Table 1 herein.
- 3. All products listed herein shall be installed in conjunction with Polyglass USA required accessories including but not limited to: miters, splice caps, splice plates, corners, end caps, pier caps, etc.
- 4. Downspout scuppers, spillout scuppers shall be fabricated and installed in accordance with RAS 111.
- 5. If required, install water cut-off as recommended by the membrane manufacturer and under the anchor bar.
- 6. Contractor shall check as-built conditions and verify roof edge details for accuracy to fit as built conditions prior to installation. Installer shall comply with Polyglass USA published installation requirements.
- 7. Fasteners shall be Polyglass approved fasteners.
- 8. Fasteners shall provide a minimum pull out resistance of 240lbf (109 kg) into the substrate being fastened into. When tested in accordance with TAS 105.
- 9. No exposed fasteners shall be permitted.
- 10. All fasteners shall be of compatible materials.
- 11. Finishes shall be natural aluminum mill finish, or pre-coated Kynar 500. All coatings shall be in compliance with the Florida Building Code (FBC).
- 12. The maximum design pressures listed here in are applicable to the perimeter areas of the roof. Increased design pressures for corner areas, in compliance with applicable building code may be met through rational analysis by increasing the number of attachment points in these areas. The maximum fastener spacing noted in the "Systems Description" section of this approval shall not be exceeded. All rational analysis computations shall be prepared, signed and sealed by a Florida Registered Professional Engineer, Registered Architect, or Registered Roof Consultant.
- 13. All products listed herein shall have a quality assurance audit in accordance with the Florida Building Code and Rule 61G20-3 of the Florida Administrative Code.
- 14. All approved products listed herein shall be labeled and shall bear the imprint or identifiable marking of the manufacturer's name or logo and following statement: "Miami-Dade County Product Control Approved" or the Miami-Dade County Product Control Seal as shown below.



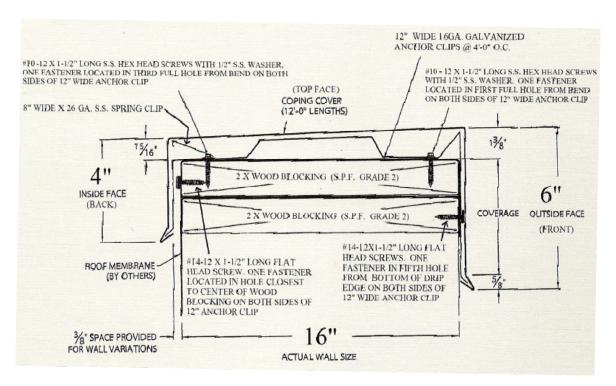


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DETAIL DRAWINGS



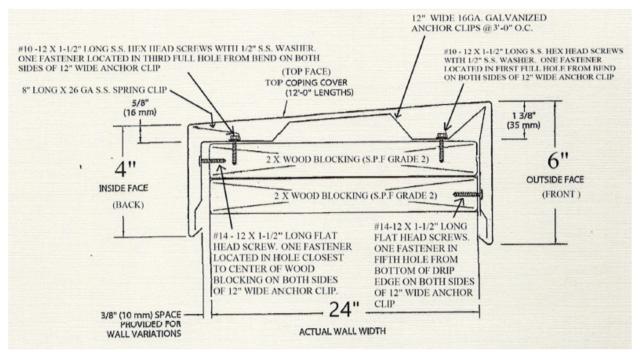
POLYFORZA COPING (14" WIDE)



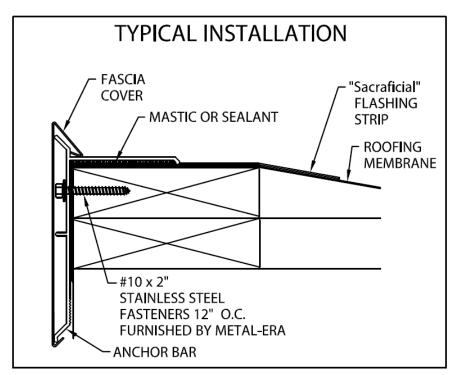
POLYFORZA COPING (16" WIDE)



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POLYFORZA GOLD COPING

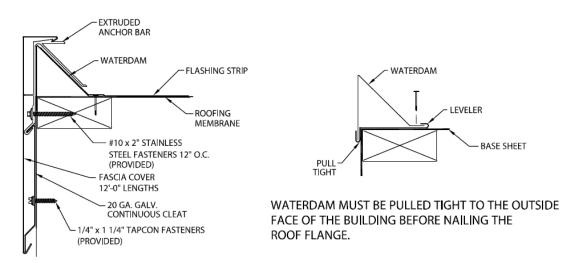


POLYFORZA STANDARD FASCIA B.U.R./MODIFIED VERSION

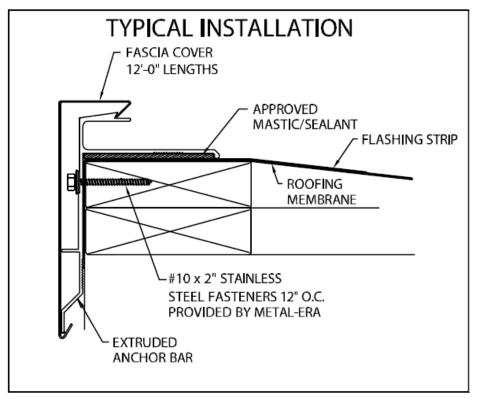


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B.U.R. / MODIFIED APPLICATION TYPICAL INSTALLATION



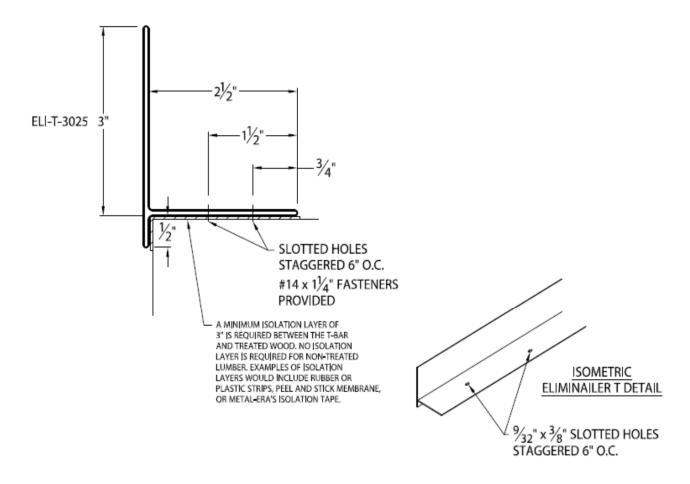
POLYFORZA EXTENDED FASCIA B.U.R/MODIFIED VERSION



POLYFORZA HG FASCIA-B.U.R./MODIFIED VERSION



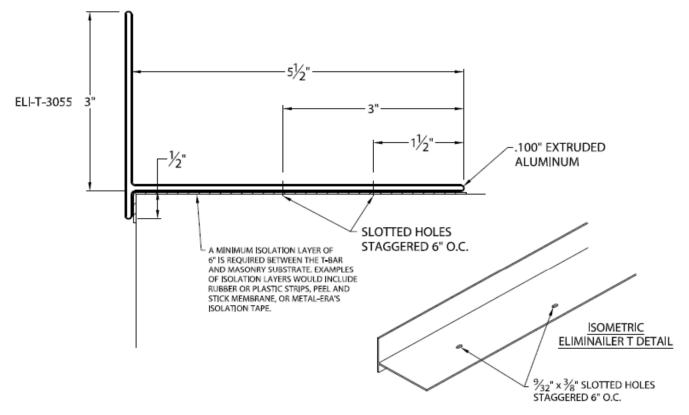
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POLYFORZA NAILER (SUB-ASSEMBLY PERFORMANCE)



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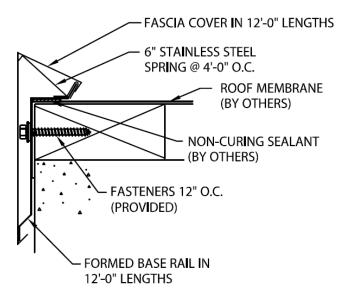


POLYFORZA NAILER (SUB-ASSEMBLY PERFORMANCE)



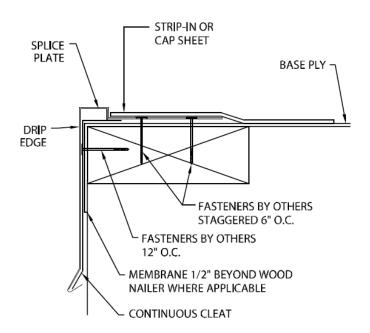
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TYPICAL INSTALLATION FOR 12'-0" STRAIGHT COVER



POLYFORZA ONE FASCIA (MODIFIED)

TYPICAL INSTALLATION

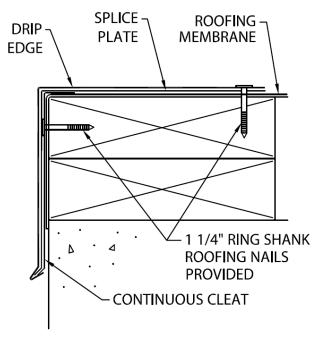


POLYFORZA DRIP EDGE



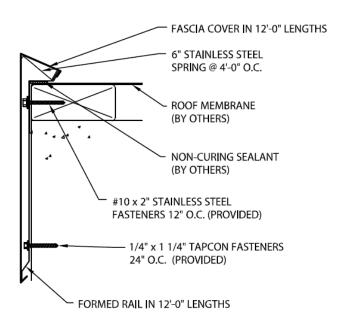
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TYPICAL INSTALLATION



POLYFORZA ONE FASCIA

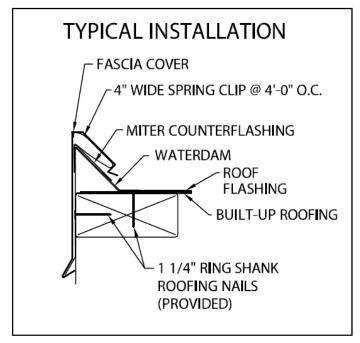
TYPICAL INSTALLATION FOR 12'-0" STRAIGHT COVER



POLYFORZA ONE EXTENDED FASCIA

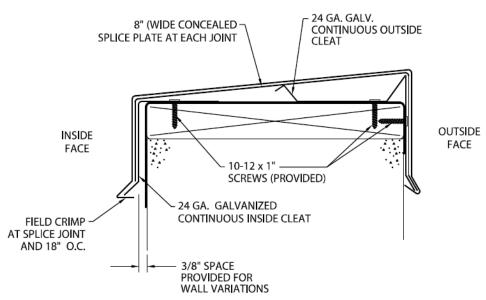


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POLYFORZA 300 FASCIA, MODIFIED, SNAP-ON

TYPICAL INSTALLATION

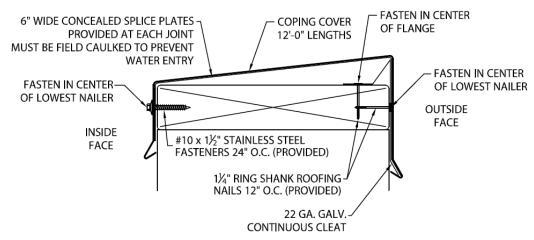


PLOYFORZA CONTINUOUS CLEAT COPING (TAPERED, FLAT AND EXISTING SLOPE)



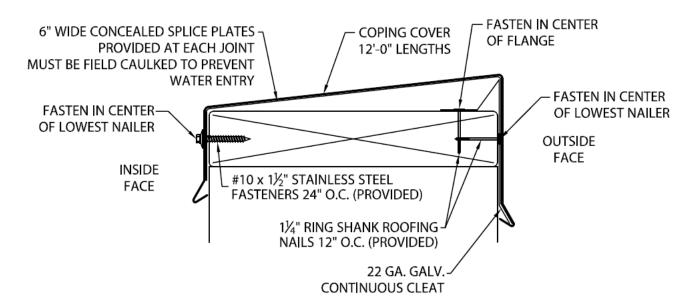
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TYPICAL INSTALLATION DETAIL A



PLOYFORZA CONTINUOUS CLEAT COPING (TAPERED, FLAT AND EXISTING SLOPE)

TYPICAL INSTALLATION DETAIL A

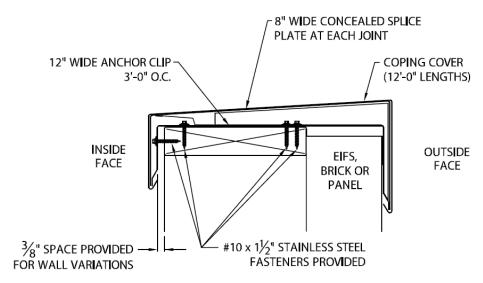


PLOYFORZA CONTINUOUS 16 GA CLEAT COPING (TAPERED, FLAT AND EXISTING SLOPE)

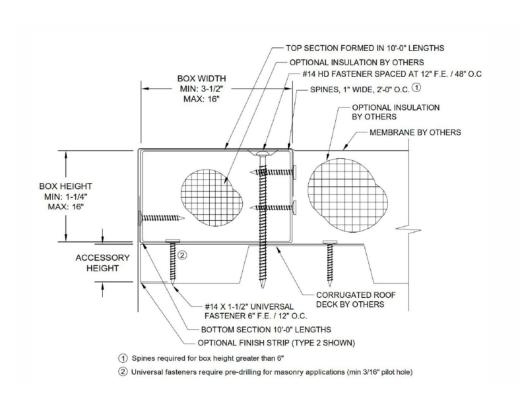
MIAMI-DADE COUNTY
APPROVED

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TYPICAL COPING INSTALLATION



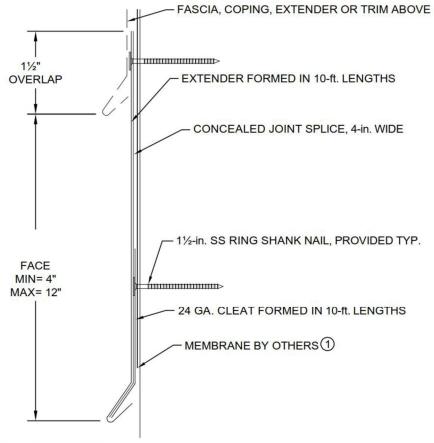
POLYFORZA CANTILEVER COPING



POLYFORZA EDGEBOX



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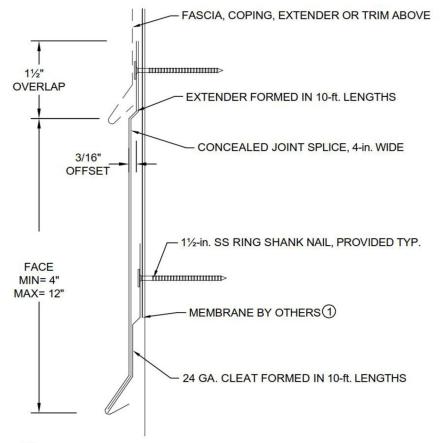


1 Coordinate installation with membrane manufacturer.

POLYFORZA EXTENDER



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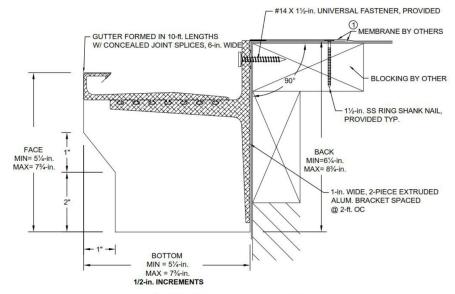


1 Coordinate installation with membrane manufacturer.

POLYFORZA EXTENDER WITH OFFSET

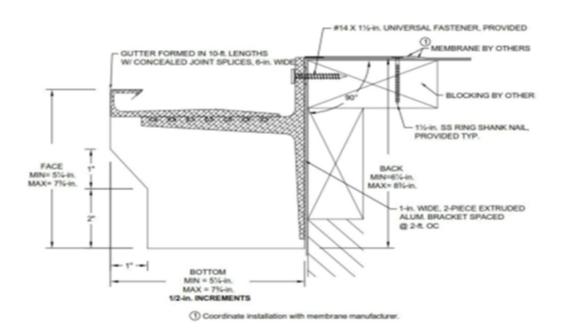


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 $\begin{tabular}{ll} \textcircled{1} Coordinate installation with membrane manufacturer. \end{tabular}$

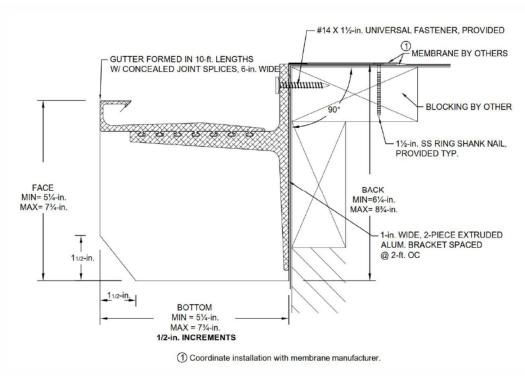
POLYFORZA BOX GUTTER



POLYFORZA OFFSET GUTTER



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POLYFORZA CHAMFER GUTTER

END OF THIS ACCEPTANCE



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