07 61 00/PET
BuyLine 3008

PAC-CLAD
Petersen Aluminum

www.pac-clad.com

architectural metal for roofing, mansards and fascia

2010 Catalog

PAC-CLAD
Petersen Aluminum

PAC-CLAD® PRODUCT RANGE

Cover Photo:
Northwest Arkansas Community College - Bentonville, AR
Owner: Northwest Arkansas Community College
Architect: MAHG
General Contractor: Nabholz Construction Corp.
Roofing Contractor: Harness Roofing Inc.
Color: Forest Green Striated
Profile: Snap-Clad Panels

Petersen Aluminum Corporation was founded in 1965 as a metals service center to the architectural metal industry. At Petersen we strive to provide products of the highest possible quality within reliable, dependable lead-times. Our strong national sales base allows PAC to maintain large inventories and cost economies to our customers.

In addition to our Chicago-based headquarters, we maintain full production facilities in Annapolis Junction, Maryland; Tyler, Texas; Acworth, Georgia and Fridley, Minnesota. Our complete catalog is on the website and is available in standard 3-ring binder as well as CD-ROM format. Technical assistance and service are provided by our staff and complimented locally by our nationwide organization of architectural representatives. We are prepared to offer assistance in material selection, finish specification, and budgeting. As the scope of our applications is so wide, we encourage your inquiries.

PAC-CLAD Architectural Sheet and Coil

PAC-CLAD is a versatile prefinished sheet metal coating (Kynar 500® or Hylar 5000®) that is applied to both G-90 galvanized steel and 3105-H14 aluminum. Originally developed for use in abrasive environments, PAC-CLAD has proven to be ideally suited for applications in roofing, curtainwall, storefront and trim applications. PAC-CLAD is now available in 38 colors carefully selected to complement a range of building materials.

PAC-CLAD Panels

Petersen Aluminum Corporation maintains extensive roll-forming equipment in each of our regional facilities. Each of our rollformers provides panels that have been Herr-Voss corrective leveled. Standing seam, exposed fastener, flush, wall and soffit panels are factory formed in lengths up to 64 feet. Refer to specific product pages or consult the factory for maximum lengths, as longer lengths may be available. Matching flashing and trim may also be factory formed or field formed from PAC-CLAD material.

PAC-CLAD Accessories

Petersen Aluminum Corporation fabricates a wide range of roofing accessories. Coping, gravel stops, gutters and downspouts are all formed from our 38 standard PAC-CLAD colors. Petersen Aluminum also is a distributor of Follansbee TCS II.

The Descriptions Herein Are Not Warranties

The descriptions in this catalog of Petersen Aluminum Corporation products are given for informational purposes only, and are not warranties. No express warranties are contained in this catalog. Petersen Aluminum Corporation does not build or design buildings. It acts solely as a supplier of materials, and assumes no responsibility for the proper use or installation of those materials, nor for the suitability of those materials for any specific use or for compliance with local building codes.

Shenandoah University
History and Tourism Center
- Winchester, VA
Contractor: Russell's Roofing
Architect: Bartzen & Ball
Profile: Snap-Clad Roofing Panels, Snap-On Batten Wall Panels, PAC-850 Half Vent Soffit

Historic Bridge Street Pier - Bradenton Beach, FL
Owner: City of Bradenton Beach
Architect: Thomas O'Brien
Roofing Contractor: Sutter Roofing
Color: Silver Metallic
Profile: Snap-Clad

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Mongue Residence - Milton, FL
Owner: The Mongue Family
Architect: Spencer Maxwell Bullock
General Contractor: Biggs Green Construction
Contractor: Specialty Contractors
Profile: 7/8" Corrugated, Flush Panels & Flashings
Color: Champagne Metallic & Copper Penny Metallic

Beach Club Condominiums - Pensacola, FL
Owner: Beach Club Condominiums
Architect: Adache Group Architects
Roofing Contractor: E. Cornell Malone
Profile: Snap-Clad Panels
Color: Copper Penny Metallic

COLOR AVAILABILITY

Energystar® Performance Criteria

Emissivity uses ASTM C1371. Reflectivity uses ASTM C1549.

Samples

These color reproductions are as accurate as modern printing technology will permit. Free material samples are available on request.

Technical Data for Kynar 500®/ Hylar 5000® Coating

- Life Expectancy: 20 years exposure: Chalk – rating of 8 or better. Color - <5△E (Hunter Units) change.
- Accelerated Weathering: (ASTM G-23 Type EH Apparatus) 5,000 hours: Chalk – rating of 8 or better. Color: ≤2△E (Hunter Units) color change.
- Solvent Resistance: (NCCA procedure 11-18, no comparable ASTM test) – Pass.
- Humidity Resistance: (ASTM D 2247, Apparatus A1) - 2,000 hours, hot dipped Galvanized, or 3000 hours, Aluminum: No field blisters.
- Salt Spray Resistance: (ASTM B 117), 3,000 hours, aluminum – No creep from scribe; no blisters. 1000 hours, hot dipped galvanized – creep from scribe not to exceed 1/16"; no blisters.
- Chemical/Acid Pollution Resistance: (ASTM D 1308) - Pass.
- Formability: (ASTM D 4145) – 1T – 3T, No loss of adhesion.
- Pencil hardness: (ASTM D 3363) – HB to 2H.
- Specular Gloss (ASTM D 523) – At 60 degrees; Typical; 20 – 35 (low gloss/low sheen available).
- Abrasion Resistance: (ASTM D 968) – 65±10 liters.
- Adhesion: (ASTM D 3359) – No loss of adhesion.
- Impact Resistance: (ASTM D 2794) – 1/2" ball indenter, Gardner Impact tester: No cracking; no loss of adhesion.
- Flame Test (ASTM E 84) – Class A coating

Recycled Content

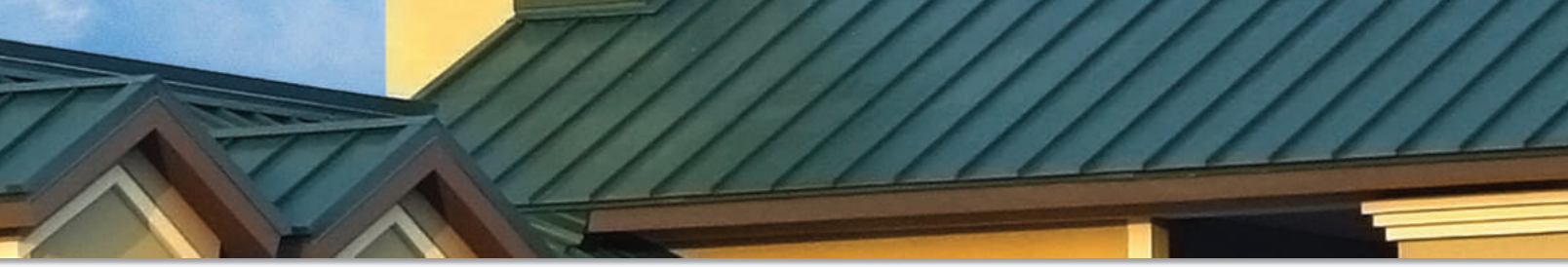
For information on recycled content, contact your PAC representative or visit: www.pacgreeninfo.com

A complete specification is available online at www.pac-clad.com

Top Photo: Sea Turtle Village & Cinema- Bluffton, SC
Distributor: JGA Southern Roof Center/Beacon Sales
Architect: KRA Architecture Inc.
Roofing Contractor: Southern Roof & Wood Care
Color: Forest Green
Profile: Snap-Clad

PAC-CLAD STANDARD COLORS	Reflectivity	Emissivity	3 Year Exposure	SRI	Steel 24ga.	Steel 22ga.	Aluminum .032	Aluminum .040	Aluminum .050	Aluminum .063	ENERGY STAR®
Almond	0.56	0.83	0.57	64	√	√	√	√	√		•
Arcadia Green	0.33	0.84	0.32	33	√		√				•
Berkshire Blue*	0.25	0.84	0.22	23	√						•
Bone White	0.71	0.85	0.71	86	√	√	√	√	√	√	•
Cardinal Red	0.42	0.84	0.41	45	√		√		√		•
Charcoal	0.28	0.84	0.28	27	√		√		√		•
Cityscape	0.37	0.85	0.34	39	√		√	√	√		
Colonial Red	0.34	0.85	0.33	35	√		√	√	√		•
Dark Bronze	0.27	0.85	0.26	26	√	√	√	√	√	√	•
Evergreen	0.27	0.85	0.25	26	√		√				•
Granite*	0.36	0.84	0.35	37	√	√	√	√	√		•
Hemlock Green	0.30	0.85		30	√	√	√		√		
Hunter Green	0.26	0.84		24	√		√				
Mansard Brown	0.26	0.84	0.24	24	√	√	√	√	√		•
Medium Bronze	0.30	0.85	0.29	30	√	√	√	√	√	√	•
Military Blue	0.29	0.84		28	√		√				
Musket Gray	0.32	0.84	0.31	32	√	√	√		√		•
Patina Green	0.34	0.85	0.33	35	√		√				•
Sandstone	0.51	0.83	0.51	57	√	√	√	√	√	√	•
Sierra Tan	0.38	0.85	0.35	40	√	√	√	√	√		•
Slate Blue	0.25	0.84		23	√		√				
Slate Gray	0.38	0.84	0.37	40	√	√	√	√	√		•
Stone White	0.61	0.86	0.59	72	√	√	√	√	√	√	•
Teal	0.26	0.85		24	√		√				
Terra Cotta	0.37	0.84	0.37	39	√		√		√		•
PAC-CLAD METALLIC COLORS											
Aged Copper	0.27	0.83	0.25	25	√		√		√		•
Champagne	0.45	0.78	0.41	57	√		√		√		•
Copper Penny	0.45	0.82	0.42	49	√		√	√	√		•
Silver	0.53	0.80	0.51	59	√		√	√	√		•
Weathered Zinc	0.27	0.80	0.27	23	√		√		√		•
Zinc	0.30	0.85	0.30	30	√		√		√		•
Galvalume Plus**	0.68	0.14	0.55	57	√						
PAC-CLAD STANDARD COLORS (do not meet cool roof requirements)											
Award Blue					√		√		√		
Burgundy					√		√		√		
Forest Green					√	√	√	√	√		
Hartford Green					√		√	√	√		
Interstate Blue					√		√		√		
Matte Black					√		√	√	√	√	
Midnight Bronze								√			

PAC-CLAD® Metallic finishes are available from stock at a moderate extra cost. PAC-CLAD® Copper Penny is a Non-Weathering finish. Solar Reflectance Index calculated according to ASTM C-1549. *Low Gloss/Low Sheen, full Kynar 500® or Hylar 5000® finish
**Acrylic coated, non-Kynar Finish.



Trim

PAC-CLAD is available in prime quality aluminum (.032-.063), 24 gauge and 22 gauge G-90 galvanized steel finished with a PAC-CLAD Kynar 500®/Hylar 5000® finish (top side) and a polyester washcoat (bottom side). Other metals available include mill finish aluminum, copper, raw galvanized steel, terne-coated stainless steel, stainless, Galvalume Plus and anodized.

A strippable vinyl film can be applied for protection during fabrication and installation, if desired. Vinyl masking is recommended on all applications requiring extra handling. The vinyl must be removed immediately after installation.

Warranty

Life expectancy is 20 years plus on Kynar-finished materials. A 20-year, non-prorated warranty covering color fade, chalking, and film integrity is available at no extra charge. Warranty terms vary slightly for Cardinal Red, Award Blue, Interstate Blue and embossed finishes.

PAC-CLAD Metallics

Due to new technology, Petersen Aluminum can now supply metallic finishes with the economy of a one-pass, two-coat system. These colors are ideal for curtainwall and roofing applications. A PAC-CLAD Metallic 20 year, non-prorated finish warranty applies. This is a directional finish.

▲ Cool Colors

Petersen Aluminum Corporation is pleased to introduce PAC-CLAD Cool Colors: a new and updated color palette designed to improve the energy saving performance of our metal roofing products without compromising color selection.

In creating this new product line, we worked with our coating supplier, The Valspar Corporation, to significantly broaden the range of PAC-CLAD colors that would meet ENERGY STAR®, LEED™ and/or cool roof certification requirements for solar reflectance and emissivity ratings.

This color chart includes solar reflectance and emissivity ratings for each color. It also includes availability by material and gauge. In addition, we are able to provide reflectance and emissivity ratings for custom color projects where required. If you have any questions regarding the information herein, please contact us at 1-800-323-1960; or visit our web site at www.pac-clad.com.

A complete specification is available online at www.pac-clad.com

COLOR CHART

▲ Sierra Tan	▲ Terra Cotta	▲● Copper Penny	▲ Cardinal Red	▲ Colonial Red
▲ Mansard Brown	Burgundy	▲ Almond	▲ Sandstone	▲● Champagne
▲ Granite	▲● Silver	▲ Stone White	▲ Bone White	▲ Cityscape
▲ Slate Gray	▲ Musket Gray	▲ Charcoal	▲ Patina Green	▲ Arcadia Green
▲ Hemlock Green	▲● Zinc	▲● Weathered Zinc	Interstate Blue	▲● Aged Copper
Forest Green	Hartford Green	▲ Teal	▲ Slate Blue	Award Blue
▲ Medium Bronze	▲ Dark Bronze	▲ Evergreen	▲ Hunter Green	▲ Military Blue
▲ Berkshire Blue	Midnight Bronze	Matte Black		

▲ Denotes PAC-CLAD Cool Colors
● Denotes PAC-CLAD Metallic Colors

Kynar 500® or Hylar 5000® pre-finished galvanized steel and aluminum for roofing, curtainwall and storefront applications.

Due to the limitations of the four color printing process, this color chart is not an accurate representation of our actual colors. Color charts and sample chips are available on request at no charge.

SNAP-CLAD PANELS

Product Features

- 20 year non-prorated finish warranty
- Architectural/structural panel
- Herr-Voss corrective leveled
- Factory applied sealant available
- Continuous interlock
- Stiffener beads available
- Striations available
- Factory eave notching available
- Labor-saving one-piece design
- Maximum panel length of 64 feet

Material

- 37 stocked colors (24 ga. steel)
- 13 stocked colors (22 ga. steel)
- 36 stocked colors (.032 aluminum)
- 18 stocked colors (.040 aluminum)
- Stucco embossed can be specified
- Panels available in Galvalume Plus and 16 oz. copper

UL Classification

- UL-580 Class 90 wind uplift
- UL-1897 wind uplift
- UL-790 Class A fire rated
- UL-263 fire resistance rated
- UL-2218 impact resistance rated
- UL-90 rated aluminum panel up to 16" O.C.

ASTM Tests

- ASTM E1592 tested
- ASTM E283/1680 tested
- ASTM E331/1646 tested

Florida Building Product Approvals

- .032 Aluminum: FL Prod. Approv. #5569
- 24 ga. Steel: FL Prod. Approv. #5569
- 16 oz. Copper: FL Prod. Approv. #8310
- .040 Aluminum: FL Prod. Approv. #10277

Miami-Dade Product Approvals

- .032 Aluminum: NOA No.: 07-0320.05
- .040 Aluminum: NOA No.: 07-0320.06
- 24 ga. Steel: NOA No.: 07-0301.01

SNAP-CLAD Panels feature architectural panel aesthetics as well as structural panel performance. SNAP-CLAD Panels, produced in continuous lengths, are corrective leveled to provide superior flatness and feature an optional factory-applied sealant bead for improved weather resistance. Maximum panel length is 64 feet and minimum panel length is 4 feet.

SNAP-CLAD Panels feature a 1-3/4" leg height and a continuous interlock for improved structural performance and wind resistance. A concealed fastener clip system allows for thermal expansion/contraction while providing extraordinary hold-down strength. Two clips are available: a standard clip for most mansard and fascia applications and a high-performance clip for roofing application and UL 90 rated assemblies.

Trim

All flashing and trim will be fabricated by manufacturer or qualified fabricator. Flashing shall be PAC-CLAD aluminum (.032-.063 gauge as specified) or PAC-CLAD steel (24 ga. or 22 ga. as specified). A 20 year, non-prorated finish warranty can be supplied covering finish performance.

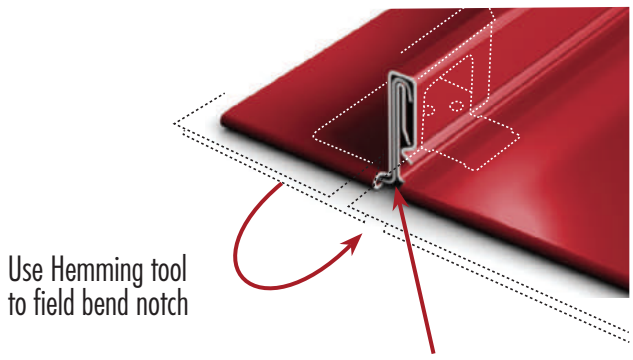
Installation

SNAP-CLAD Panels are intended for use in roofing, mansard, and fascia applications. Substrates may include 5/8" (min.) plywood, nailboard insulation or equal with an underlayment of ice and water shield or 30# (min.) roofing felt applied horizontally from eave to ridge. Other substrates may include metal decking, purlins or rigid insulation in conjunction with bearing plates. A minimum 2:12 pitch is recommended in most applications. Contact Petersen for detail assistance on projects requiring lower slopes. For coastal applications, aluminum panels along with stainless steel clips must be used for warranty. Consult a local architect/engineer for compliance with local codes and conditions.

Eave Notching

Factory-produced eave notching is now available at nominal additional cost on SNAP-CLAD Panels and Redi-Roof Standing Seam Panels. Factory eave notching saves on labor cost by eliminating the need for field cutting to produce a properly trimmed eave detail.

A complete specification is available online at www.pac-clad.com



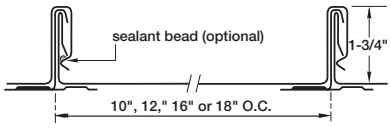
Eave Notch (Optional)
at Formed Seams

Top Photo:
Center for Courageous Kids - Scottsville, KY
Architect: Frank Varble-Hardaway Construction
Distributor: Triangle Fastener
Roofing Contractor: Gunter Construction Roofing & Geoghegan Roofing
Color: Award Blue
Profile: Snap-Clad

SNAP-CLAD™

10", 12", 16" or 18" O.C.
1-3/4" high

.032 aluminum*
.040 aluminum*
24 gauge steel
22 gauge steel
16 oz. copper*



UL-90 Rated 18" O.C. is not available in aluminum or copper.

UL Construction Code

Maximum Clip Spacing

		SUBSTRATES		
GAUGE	WIDTH	OPEN FRAME PURLINS	5/8" PLYWOOD	RIGID INSULATION OVER 22 GA. STEEL DECK WITH BEARING PLATES
22 ga.	10" 18", 16", 12", 10" 18", 16", 12", 10"	UL 261 (5'-0") UL 255 (4'-0")	 UL 343 (3'-0")	 UL 508A (3'-0") UL 303 (4'-0")
24 ga.	10" 12", 10" 18", 16", 12", 10" 18", 16", 12", 10"	UL 261 (4'-0") UL 254 (4'-0") UL 255 (4'-0")	 UL 343 (3'-0")	 UL 303 (4'-0") UL 508A (3'-0")
0.032	10" 16", 12", 10" 16", 12", 10"	UL 261 (3'-0")	 UL 508 (1'-6")	 UL 303 (1'-6") UL 508A (1'-6")
0.040	10" 16", 12", 10" 16", 12", 10"	UL 261 (3'-0")	 UL 508 (1'-6")	 UL 303 (1'-6") UL 508A (1'-6")
16 oz. copper	16", 12", 10"		UL 614 (2'-0")	

1. Contact Petersen Aluminum Corporation for complete UL construction assemblies.
2. For complete information regarding appropriate purlin spacing, contact Petersen Aluminum Corporation directly.
3. Insulation thickness varies between 1" and 4 1/2" according to R-value desired. Refer to UL Roofing Materials Directory.
4. See roof deck construction in Underwriter Laboratories roofing materials and systems directory.
5. Please consult Petersen Aluminum for projects specifying open purlins.

Note: SNAP-CLAD has UL-90 classification up to 16" O.C. on .032 and .040 aluminum and 16 oz. copper.
See roof deck construction in Underwriter Laboratories roofing materials and systems directory.

The Westin - Reston Heights, VA
Owner: Crestline Hotels
Architect: Davis Carter Scott
General Contractor: Whiting-Turner Contracting Co.
Roofing Contractor: Prospect Waterproofing Co.
Profile: Snap-Clad
Color: Slate Gray

PAC-CLAD
Petersen Aluminum

TITE-LOC PANELS

Product Features

- 20 year non-prorated finish warranty
- Available with striations or striations with pencil ribs
- Herr-Voss corrective leveled
- Maximum panel length of 64 feet

Material

- 37 stocked colors (24 ga. steel)
- 13 stocked colors (22 ga. steel)
- 36 stocked colors (.032 aluminum)
- 18 stocked colors (.040 aluminum)
- Galvalume Plus available
- Smooth and stucco embossed available (not available in .040 Tite-Loc)

UL Classification

- UL-580 Class 90 wind rated up to 18" O.C.
- UL-1897 wind uplift
- UL-790 Class A fire rated
- UL-263 fire resistance rated
- UL-2218 impact resistance rated

ASTM Tests

- ASTM E1592 tested
- ASTM E283/1680 tested
- ASTM E331/1646 tested

Florida Building Product Approvals (Tite-Loc Plus Only)

- .032 Aluminum: FL Prod. Approv. #5562
- 24 ga. Steel: FL Prod. Approv. #5562
- .040 Aluminum: FL Prod. Approv. #10879

Miami-Dade Product Approvals (Tite-Loc Plus only)

- .032 Aluminum: NOA No.: 07-0924.09
- 24 ga. Steel: NOA No.: 07-0924.10

Tests (Tite-Loc Plus only)

- 24 ga. Steel SSTD Missile Impact Tested - Passed
- .032 Aluminum SSTD Missile Impact Tested - Passed

Tite-Loc Panels combine structural panel performance with architectural panel aesthetics. Tite-Loc Panels are corrective leveled to provide superior panel flatness. A factory-applied sealant bead is applied for additional weather resistance. Maximum panel length is 64 feet and minimum panel length is 4 feet. Consult factory for longer lengths.

Tite-Loc Panels feature a 2" leg height that requires mechanical field seaming after installation. Panels have a concealed-fastener floating clip system designed to allow for thermal expansion/contraction. For further details, please contact PAC.

Trim

All flashing and trim will be fabricated by manufacturer or qualified fabricator. Flashing shall be PAC-CLAD aluminum (.032-.063 gauge as specified) or PAC-CLAD steel (24 ga. or 22 ga. as specified). A 20 year, non-prorated finish warranty can be supplied covering finish performance.

Installation

Tite-Loc Panels are intended for use in architectural and structural roofing. Substrates may include 5/8" (min.) plywood, nailboard insulation or equal with an underlayment of ice and water shield or 30# (min.) roofing felt applied horizontally from eave to ridge. Other substrates may include metal decking, purlins or rigid insulation in conjunction with bearing plates.

A minimum 1/2:12 pitch is required. Contact Petersen for further detail assistance on projects. For Coastal applications, aluminum panels along with stainless steel clips must be used for warranty. Consult a local architect/engineer for compliance with local codes and conditions.

Tite-Loc Panels

Tite-Loc Panels are factory-formed to length and field seamed to a 90° lock. Tite-Loc panels have been designed for application on roof slopes as low as 1/2:12 pitch. Tite-Loc panels are available in 12", 16" and 18" widths. Materials available include 22 and 24 gauge steel; .032 and .040 aluminum.

• Tite-Loc Seaming

The Tite-Loc seamer is bi-directional, offering labor savings with the ability to travel up and down slope. However, the seamer should only be used up slope on roofs with a pitch of 4:12 or less.

• Curved Tite-Loc Panels

Tite-Loc Panels can be curved to a minimum radius of 20'-0". Tite-Loc curving can be done in the field or at the factory depending on the radius and length of the panel. For more details about our capabilities, please contact Petersen Aluminum Corporation.

Tite-Loc Plus Panels

Tite-Loc Plus Panels are factory-formed to length and designed to be field-seamed to 180°. The panel combines an attractive thin-rib profile with superior structural performance. Tite-Loc Plus panels are designed for application over a wide variety of substrates in slopes as low as 1/2:12 pitch. Tite-Loc Plus panels are available in 12", 16" and 18" widths. Materials available include 22 and 24 gauge steel; .032 and .040 aluminum.

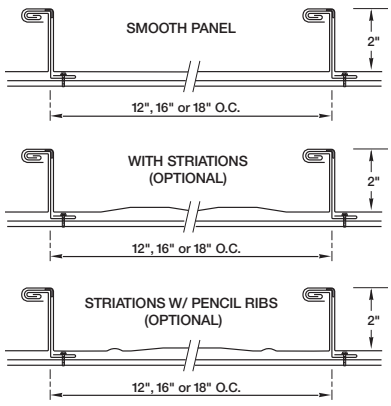
A complete specification is available online at www.pac-clad.com

Top Photo:
East Grand Rapids Community Center - East Grand Rapids, MI
Owner: City of East Grand Rapids
Architect: Cox Medendorp Olson Architects
General Contractor: Triangle Associates
Roofing Contractor: Metal Tech Building Specialists, Inc.
Profile: Tite-Loc Plus Standing Seam
Color: Zinc, Terra Cotta

Tite-Loc Panel

12", 16" or 18" O.C.
2" high

.032 aluminum
.040 aluminum
24 gauge steel
22 gauge steel



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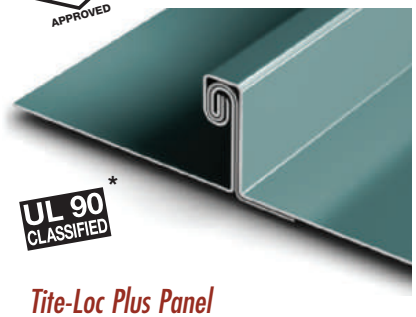
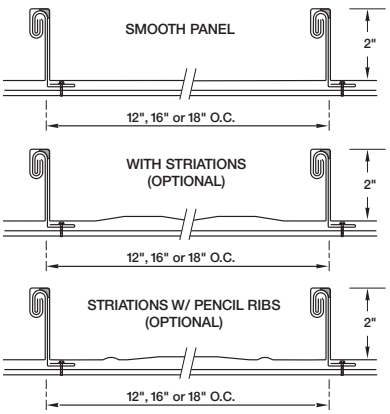
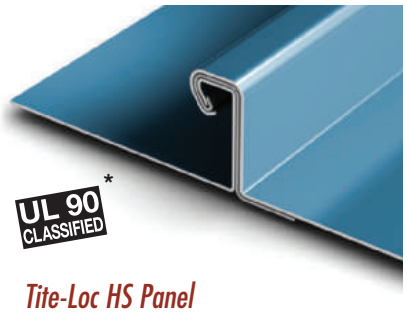


Tite-Loc Plus Panel

12", 16" or 18" O.C.
2" high

.032 aluminum
.040 aluminum
24 gauge steel
22 gauge steel

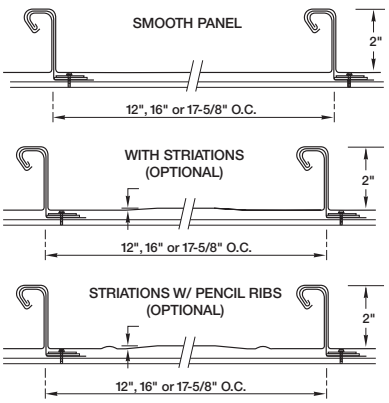




Tite-Loc HS Panel

12", 16" or 17-5/8" O.C.
2" high

.032 aluminum
.040 aluminum
24 gauge steel
22 gauge steel



24 ga. and 22 ga. panels listed in bold print are UL-90 classified over solid substrate. See roof deck construction in Underwriter Laboratories roofing materials and systems directory.

Ruffner Hall, Longwood University - Farmsville, VA
Owner: Longwood University
Architect: Kuntz & Associates, Architects
General Contractor: English Construction
Roofing Contractor: Roof Systems of Virginia
Color: Colonial Red
Profile: Tite-Loc Plus

PAC-CLAD
Petersen Aluminum

REDI-ROOF PANELS

Product Features

- Available with or without offsets
- Factory eave notching available
- Herr-Voss corrective leveled
- Labor-saving one-piece design
- Stiffener beads available
- 20 year non-prorated finish warranty
- Maximum panel length of 45 feet

Material

- 37 stocked colors (24 gauge steel)
- 36 stocked colors (.032 aluminum)
- Stucco embossed can be specified

UL Classification

- UL-580 Class 90 wind uplift (steel & copper only – copper up to 12" O.C. only)
- UL-790 Class A fire rated
- UL-263 fire resistance rated
- UL-2218 impact resistance rated
- UL-90 rated copper panel up to 12" O.C (Standing Seam).

ASTM Tests

- ASTM E283/1680 tested
- ASTM E331/1646 tested

Redi-Roof is an architectural metal roofing system available exclusively from Petersen Aluminum Corporation. It is intended for application over a solid substrate with a minimum 3:12 roof pitch. Typical underlayments include plywood, nailboard insulation or equal. Panels are to be factory roll-formed in continuous lengths. Maximum panel length is 45 feet and minimum panel length is 4 feet.

Redi-Roof Panels feature an offset profile which adds strength and allows room for a hex head fastener. The clip, with its button punched design, insures an extra-snug fit. The one-piece design of the Redi-Roof Standing Seam allows for ease of installation.

Trim

All flashing and trim will be fabricated by manufacturer or qualified fabricator. Flashing shall be PAC-CLAD aluminum (.032-.063 gauge as specified) or PAC-CLAD steel (22 ga. or 24 ga. as specified). A 20 year warranty can be supplied covering finish performance.

Installation

Redi-Roof Panels shall be installed over solid decking with an underlayment of 30# (min.) roofing felt applied horizontally from eave to ridge. Panels shall be fastened using Petersen non-penetrating clips, fastening on 18" centers (max.). Minimum slope at 3:12 pitch. Redi-Roof Batten panels cannot be lapped in the field. Consult a local architect/engineer for requirements of local codes and conditions.

Curved Batten Panel

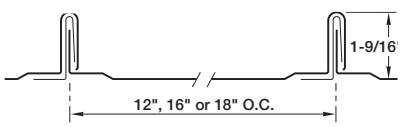
The Redi-Roof Batten Panel is the industry's only batten panel which can be radiused concave or convex with a minimum radius of 9 ft. This panel is ideal for barrel vaults and cornices. Curved panels must be installed over a waterproofed solid substrate.

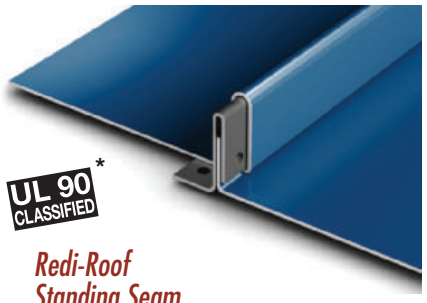
Top Photo:
St. Joseph Catholic Church - Friendship, WI
Owner: St. Joseph Catholic Church
Architect: Montooth and Hamblen Architecture and Design LLC
General Contractor: Ellis Stone Construction Co.
Roofing Contractor: Durability Construction
Color: Patina Green
Profile: Snap-Clad

Redi-Roof Standing Seam

12", 16 or 18" O.C.
1-9/16" high

24 gauge steel
.032 aluminum
16 oz. copper

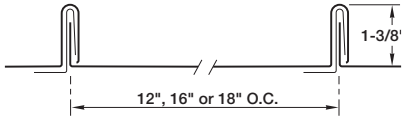


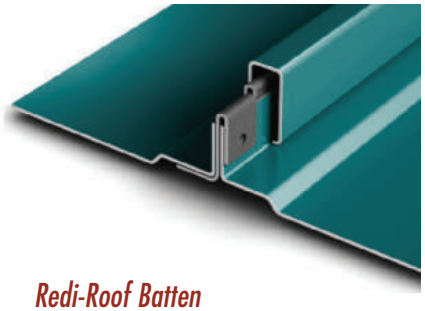


Redi-Roof Standing Seam Without Offsets

12", 16" or 18" O.C.
1-3/8" high

24 gauge steel
22 gauge steel
.032 aluminum
16 oz. copper

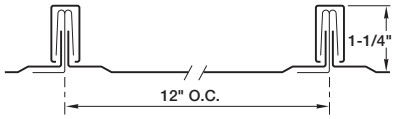




Redi-Roof Batten

12" O.C.
1-1/4" high

24 gauge steel
.032 aluminum



24 ga. steel, in all O.C.'s, and 16 oz copper in 12" O.C., are UL-90 Classified over solid substrate. See roof deck construction in Underwriter Laboratories roofing materials and systems directory.

07 61 00/PET
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PAC SOLAR SERIES

Product Features

- Can be used on curved panels
- 20 year warranty available
- Superior Energy Generation Solution
- Return on investment can be achieved in 10 years or less

Available for use with the followingPAC panels

- Snap-Clad (16" or 18")
- Tite-Loc (16" or 18")
- Tite-Loc Plus (16' or 18")
- Tite-Loc HS (16" or 17 5/8")
- Redi-Roof Standing Seam (16" or 18")

The PAC Solar Series is an innovative, affordable way to achieve increased sustainability and energy generation in building design while utilizing the proven performance of Petersen Aluminum's line of standing seam panels. Featuring a thin-film solar laminate fused at the factory to the surface of the metal roofing panel, the PAC Solar Series provides an unmatched solution in the solar industry and can be utilized anywhere a standing seam roofing system would be specified.

Upon commissioning of the system, the PAC SOLAR Series will begin generating clean, renewable electric power that is sent directly into the power grid through the building's electric meter.

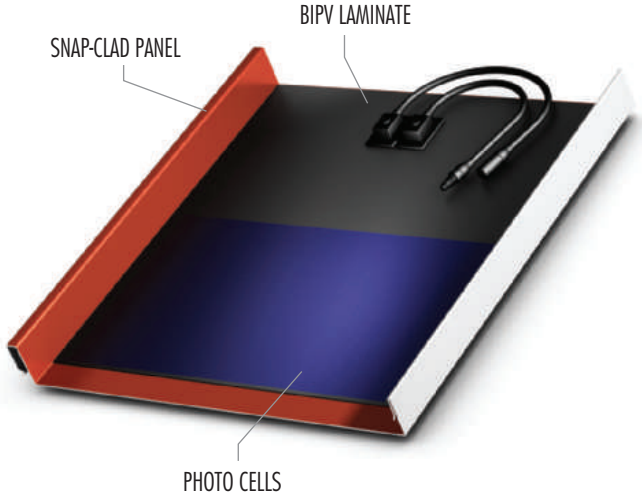
The PAC Solar Series' solar laminates, manufactured by United Solar Ovonic, achieve higher relative efficiency under high temperatures and low light when compared to any other technology available on the market today. The system allows the building to generate clean, renewable solar energy and in many cases, users will see a return on their investment in less than 10 years.

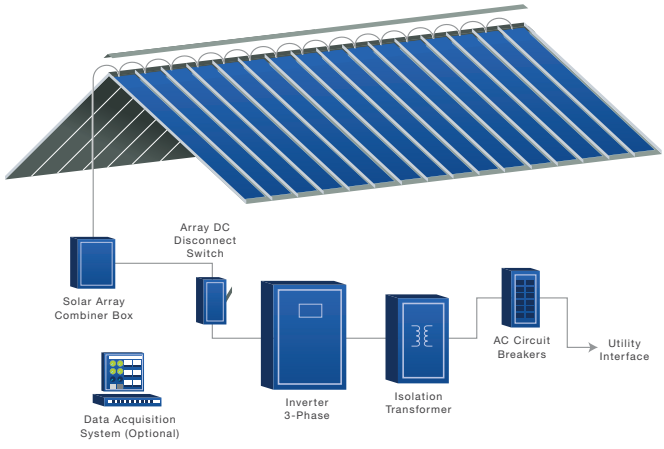
The panel-to-laminate bond has been tested to withstand winds of 160 mph, and also offers flexibility and durability to meet expansion/contraction properties encountered on metal roofs. In addition, PAC Solar Series is also ideal for curved panel applications.

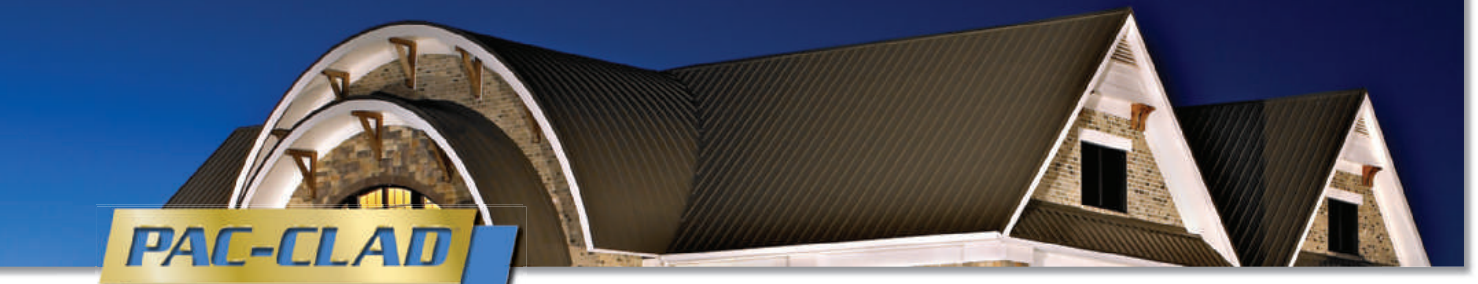
Unlike heavy, fragile polycrystalline photocells, the lightweight property of the thin laminate requires no roof penetrations or additional structural supports. The laminates can be walked on, allowing for easy access and serviceability to the roof.

The PAC Solar Series is available in 1.5kW to 120kW systems to meet the requirements of any project size. The system is extremely user-friendly, and a complete electrical schematic and specification for wiring of all electrical components is provided.

A complete specification is available online at www.pac-clad.com







SNAP-ON PANELS

Product Features

- Ideal for transition roofs
- Herr-Voss corrective leveled
- Stiffener beads available
- 20 year non-prorated finish warranty
- Maximum panel length of 45 feet

Material

- 37 stocked colors (24 gauge steel)
- 36 stocked colors (.032 aluminum)
- Galvalume Plus available
- Smooth and stucco embossed available

UL Classification

- UL-580 Class 90 rated over solid substrate (steel only – up to 18"O.C.)
- UL-1897 wind uplift
- UL-790 Class A fire rated
- UL-263 fire resistance rated
- UL-2218 impact resistance

ASTM Tests

- ASTM E331/1646 tested
- ASTM E283/1680 tested

Florida Building Product Approvals for Snap-On Standing Seam only

- .032 Aluminum: FL Prod. Approv. #6191
- 24 ga. Steel: FL Prod. Approv. #6191

Snap-On Panels have been designed for use in roofing, mansard and fascia applications. Snap-On Panels are designed to be installed over a waterproofed solid substrate and a minimum 3:12 roof pitch. Snap-On Panels are to be factory roll-formed in continuous lengths. Maximum panel length is 45 feet and minimum panel length is 4 feet.

These panels are ideal for specification on applications where roof transitions are required. The simplicity of the pan design combined with corrective leveling provides superior flatness and allows for greater workability on site.

Trim

All flashing and trim will be fabricated by manufacturer or qualified fabricator. Flashing shall be PAC-CLAD aluminum (.032-.063 gauge as specified) or PAC-CLAD steel (22 ga. or 24 ga. as specified). A 20 year, non-prorated warranty can be supplied covering finish performance.

Curved Panels

The 1" high Snap-On Standing Seam Panel can now be curved to a concave or convex radius, with a minimum radius of 9 ft. This panel is ideal for barrel vaults and entrance ways. Curved panels must be installed over a waterproofed solid substrate.

Installation

Snap-On Panels shall be installed over solid decking (5/8" plywood, nailboard insulation or equal) with an underlayment of 30# (min.) roofing felt applied horizontally from eave to ridge. Panels shall be fastened using Petersen Non-Penetrating Clips, fastening on 18" centers (max.). Minimum slope at 3:12 pitch. Consult a local architect or engineer for requirements of local codes and conditions.

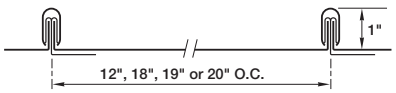
A complete specification is available online at www.pac-clad.com

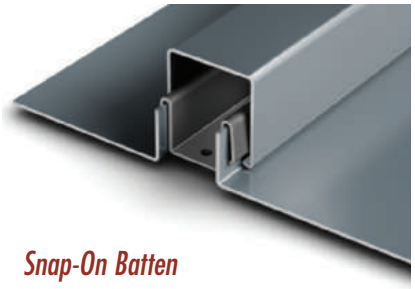
Top Photo:
Bank of Georgia - Newnan, GA
Architect: Jefferson Brown Design Group
Roofing Contractor: A.L. Nash Roofing Company
Roofing Distributor: CRS/Commercial Roofing Specialties
Profile: Snap-On Standing Seam
Color: Medium Bronze

Snap-On Standing Seam

12", 18", 19" or 20" O.C.
1" high

24 gauge steel
.032 aluminum

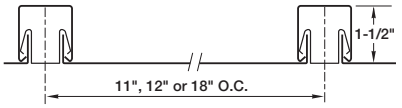




Snap-On Batten

11", 12", or 18" O.C.
1-1/2" high

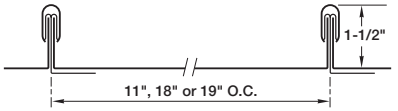
24 gauge steel
.032 aluminum



High Snap-On Standing Seam

11", 18", or 19" O.C.
1-1/2" high

24 gauge steel
.032 aluminum



12" and 18" 24 ga. steel Snap-On Standing Seam panels & 11" and 18" 24 ga. steel High Snap-On Standing Seam panels are UL-90 Classified over solid substrate. See roof deck construction in Underwriter Laboratories roofing materials and systems directory.

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INTEGRAL PANELS

Product Features

- Ideal for transition roofs
- Herr-Voss corrective leveled
- Stiffener beads available
- 20 year non-prorated finish warranty
- Maximum panel length of 45 feet

Material

- 37 standard colors (24 ga. steel)
- 36 standard colors (.032 aluminum)
- Stucco embossed can be specified
- Galvalume Plus available

UL Classification

- UL 580 Class 90 rated over solid substrate (steel only)
- UL-790 Class A fire rated
- UL-263 fire resistance rated
- UL-2218 impact resistance rated
- Wind load testing results available

ASTM Tests

- ASTM E283/1680 tested
- ASTM E331/1646 tested

PAC-CLAD Integral Standing Seam Panels are designed for roofing applications, mansards, canopies and fascia. The one-piece design of the Integral Panels minimizes labor and allows for quick and easy installation. Integral panels are to be factory roll formed in continuous lengths. Maximum panel length is 45 feet and minimum panel length is 4 feet.

Standard on-center dimensions are 11", 18" and 19", but for renovation projects or additions, on-center dimensions may be custom matched to your requirements. Neoprene panel closures are available for installation at the eave.

Fasteners

For roofing applications, use Petersen non-penetrating clips. Clips shall be 6061-T6 extruded aluminum, fastened on 18" centers. Use wood-type screws in fastening clips. For fascia and mansard applications, panels should be positively fastened to the substrate.

Trim

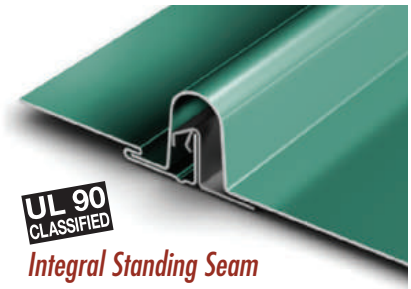
All flashing and trim will be fabricated by manufacturer or qualified fabricator. Flashing shall be PAC-CLAD aluminum (.032-.063 gauge as specified) or PAC-CLAD 24 ga. steel. A 20 year warranty can be supplied covering finish performance.

Installation

Roofing Applications: PAC-CLAD Integral Standing Seam Panels shall be installed over solid decking (5/8" plywood, nailboard insulation or equal) with an underlayment of 30# (min.) roofing felt applied horizontally from eave to ridge. Panels shall be fastened using Petersen non-penetrating clips, fastened on 18" centers (max.). Minimum slope at 3:12 pitch. Consult a local architect/engineer for requirements of local codes and conditions.

A complete specification is available online at www.pac-clad.com

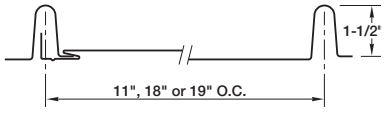
Top Photo:
Mary D. Pretlow Anchor Branch Library - Norfolk, VA
Architect: The Design Collaborative
General Contractor: Sunbay Contracting Inc.
Roofing Contractor: Westar Roofing Corp.
Profile: Snap-Clad
Color: Silver Metallic

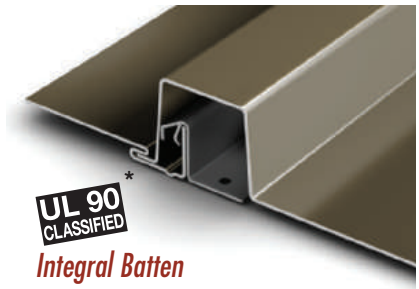


Integral Standing Seam

11", 18" or 19" O.C.
1-1/2" high

24 gauge steel
.032 aluminum

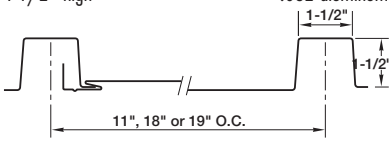




Integral Batten

11", 18" or 19" O.C.
1-1/2" high

24 gauge steel
.032 aluminum



**11" and 18" O.C. 24 ga. steel Integral Batten panels and 11" O.C. 24 ga. steel Integral Standing Seam panels are UL-90 Classified over solid substrate. See roof deck construction in Underwriter Laboratories roofing materials and systems directory.*

PAC-CLAD
Petersen Aluminum

EXPOSED FASTENER PANELS

Product Features

- 20-year non-prorated finish warranty
- Matching Screws and Rivets
- Closure Strips Available
- Precut Short Lengths (5'-0" minimum) (2'-0" on the M-42 and R-41)

Material

- 37 stocked colors (24 gauge steel)
- 13 stocked colors (22 gauge steel)
- 36 stocked colors (.032 aluminum)
- 18 stocked colors (.040 aluminum)
- Smooth and stucco embossed available
- Galvalume Plus available

Florida Building Product Approval for R-36 Panel

- .032 & .040 Aluminum; 24 & 22 ga. Steel: FL Prod. Approv. #10880

Florida Building Product Approval for 7.2 Panel

- .032 & .040 Aluminum; 24 & 22 ga. Steel: FL Prod. Approv. #11680

Florida Building Product Approval for 7/8 Corrugated Panel

- .032 & .040 Aluminum; 24 & 22 ga. Steel: FL Prod. Approv. #12311

Petersen Aluminum Corporation has provided the "M" and "R" exposed fastener panels in the past and has now increased its panel offerings even more. We have introduced the 7.2 Rib, the 7/8" Corrugated Panel, the 1/2" Corrugated Panel and additional coverage widths of the "M" and "R" Panel to the lineup. These profiles provide unmatched flexibility for use in roofing, wall and linear panel applications in a cost-efficient yet architecturally attractive metal panel.

PAC's line of corrugated panels are available in a full range of on-centers and gauges to meet the requirement of any application. A minimum slope of 2 1/2":12 is required for the 7/8" Corrugated and 1/2" Corrugated Panels. For the R-36 and the 7.2 panel, a 2:12 slope is recommended, but contact local PAC rep for projects with less than 2:12 slopes.

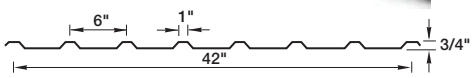
Petersen's family of corrugated panels can be produced perforated for a variety of exterior projects, such as equipment screens. Perforated corrugated panels are also highly suitable for interior acoustical applications as well. Contact a Petersen Aluminum representative regarding design capabilities for this product.

A complete specification is available online at www.pac-clad.com

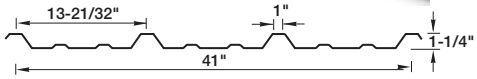
Top Photo:
Sunrise Mainline Toll Plaza - Ft. Lauderdale, FL
Owner: Florida Turnpike Enterprise
Design: RS&H
Lead Contractor: MCM Corp.
Contractor: Allied Architectural Metals
Profile: 7/8" corrugated panels, custom perforated .125 plate aluminum
Color: Silver Metallic

Heifer International
Little Rock, AR
Owner: Heifer International
Architect: Polk Stanley Rowland Curzon Porter Architects, LTD.
Contractors: Ace Glass Co., Harness Roofing
Color: Silver Metallic
Profile: 7/8" Corrugated, M - Panels, Coping

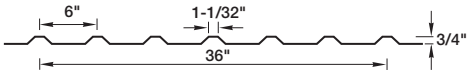
M-42 Panel*



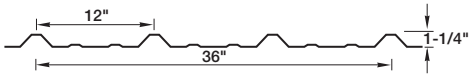
R-41 Panel*

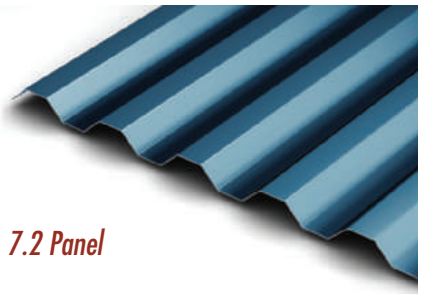


M-36 Panel

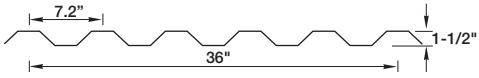


R-36 Panel

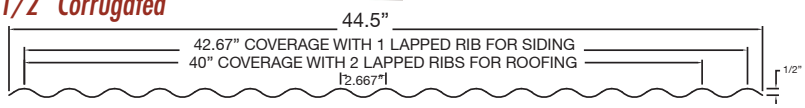




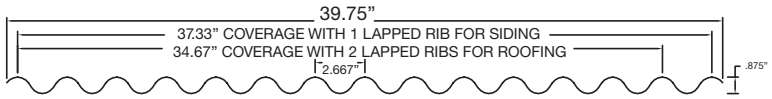
7.2 Panel



1/2" Corrugated



7/8" Corrugated



**Note: The M-42 and the R-41 Panels are not intended for use in the construction of metal buildings or structural roof applications. Please consult with Petersen Aluminum regarding the application of this panel.*

SOFFIT PANELS

Product Features

- 4 profiles available
- Perforation available for ventilation on aluminum only
- Roll-formed to exact lengths
- Matching "J" trim available
- Flush panels now available with venting
- 20 year non-prorated finish warranty

Material

- 37 stocked colors (24 gauge steel)
- 13 stocked colors (22 gauge steel)
- 36 stocked colors (.032 aluminum)
- 17 stocked colors (.040 gauge steel)
- Galvalume Plus available for flush panels

ASTM Tests

- ASTM E330 Tested: Flush Panel and PAC-850

Florida Building Product Approvals

- PAC-850 .032 Aluminum: FL Prod. Approv. #4483
- Flush Panels .032 & .040 Aluminum, 22 & 24 ga. Steel: FL Prod. Approv #7547

Open Air Percentages (PAC 750/850) (These percentage are nominal and may vary per profile.)

- Half vented - 6%
- Full vented - 12%

Petersen Aluminum Corporation offers superior design versatility for soffit applications by providing the PAC-750/850 Soffit Panels, as well as the Flush Panel in a variety of gauges and widths. Both pre-formed profiles are effective solutions in soffit projects, and with the aluminum substrate, can be ventilated for increased air flow capacity.

PAC-750 Soffit Panels

Petersen Aluminum Corporation offers a pre-formed soffit panel suitable for both commercial and residential use. These panels are roll-formed of .032 aluminum. Panels are 12" wide with a "vee" groove every 6" center-to-center and furnished in continuous lengths of up to 25 feet. Minimum panel length is 20". Steel is not available in this profile.

PAC-850 Soffit Panels

Petersen Aluminum PAC-850 Soffit Panels utilize an innovative hook and grab interlock. These panels are roll-formed of .032 aluminum. Panels are 12" wide with a "vee" groove every 6" center-to-center and furnished in continuous lengths of up to 25 feet. Minimum panel length is 20". Steel is not available in this profile.

Soffit Venting

The PAC-750 and PAC-850 Soffit Panels can be perforated to allow for air flow and under eave ventilation. Both PAC-750 and PAC-850 are available fully vented, half vented, or solid. See illustrations as an example.

Soffit "J" Channel

Petersen Aluminum can provide Soffit "J" Channel as trim to match any of our soffit panels. "J" Channel is available in lengths up to 12 feet in matching colors.

Flush Panels

The Flush Panel and Reveal Panel may be specified for use as soffit panels. They are roll-formed from .032 aluminum, .040 aluminum, 24 or 22 ga. galvanized steel and tension-leveled to ensure flatness.

Stiffener beads can be added to the Flush Panel for increased strength and aesthetics. Stiffener beads are recommended for longer panel lengths. One or two beads are available at no additional cost.

Flush Venting

The Flush Panels in aluminum are available ventilated. Consult the local factory for venting options.

A complete specification is available online at www.pac-clad.com

Shenandoah University History and Tourism Center- Winchester, VA
Contractor: Russell's Roofing
Architect: Bartzen & Ball
Profile: Snap-Clad Roofing Panels, Snap-On Batten Wall Panels, PAC-850 Half Vent Soffit
Color: Weathered Zinc, Colonial Red

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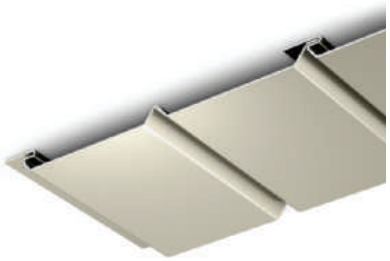
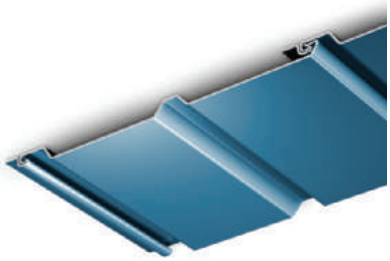
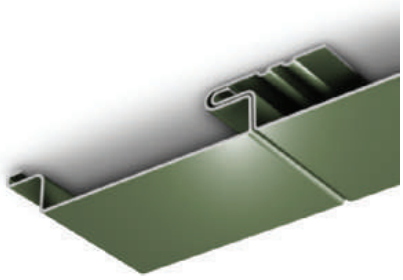


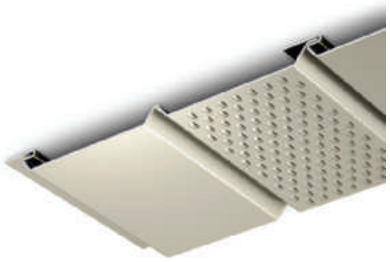
PAC-750 Soffit



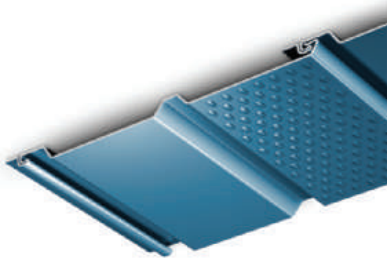
PAC-850 Soffit



Soffit Flush



Half Vent

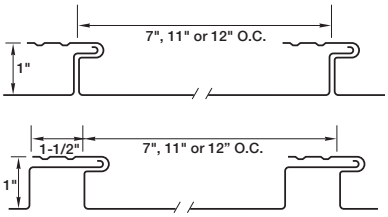


Half Vent

Soffit Reveal

7", 11" Or 12" O.C.
1" high

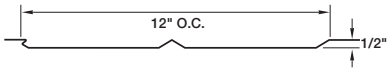
032 aluminum
.040 aluminum*
24 gauge steel
22 gauge steel*



Full Vent

12" O.C.

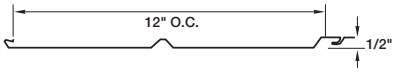
032 aluminum



Full Vent

12" O.C.

032 aluminum



*Limited color availability

A complete specification is available online at www.pac-clad.com

Top Photo:
Our Lady of Good Counsel High School - Olney, MD
Owner: Roman Catholic Archdiocese of Kensington
Architect: DCMM Architects
General Contractor: Coakley Williams Construction, Inc.
Roofing Contractor: Interstate Corporation
Color: Sierra Tan
Profile: Snap-Clad Panels

PAC-CLAD
Petersen Aluminum

FLUSH PANELS

Product Features

- 2 Profiles available
- Perforation available for ventilation on aluminum only
- Corrective leveled for superior flatness
- Maximum panel length of 25 feet
- Rounded interlock leg provides improved flush fit
- Available with up to 2 stiffener beads
- 20 year non-prorated finish warranty

Material

- 37 stocked colors (24 gauge steel)
- 13 stocked colors (22 gauge steel)
- 36 stocked colors (.032 aluminum)
- 18 stocked colors (.040 aluminum)
- Galvalume Plus available

ASTM (Flush) Tests

- ASTM E330 Tested: Flush Panel

Florida Building Product Approvals

- Flush Panels .032 & .040 Aluminum, 22 & 24 ga. Steel: FL Prod. Approv. #7547

Top Photo:
Split Rock Plaza - Shelton, CT
Owner: Blakeman Construction
Architect: Pat Rose
General Contractor: Blakeman Contractor
Roofing Contractor: R&S Construction
Color: Forest Green
Profile: Snap-Clad

PAC-CLAD Flush Panels are designed for wall, fascia and soffit applications where a flush or flat appearance is desired. A rounded interlock leg and concealed fastening system improves the flush appearance while providing additional strength. Panels are factory-formed to length to minimize field cutting. Maximum panel length is 25 feet and minimum panel length is 4 feet.

PAC-CLAD Flush Panels are available in on-center dimensions designed to complement our roofing panel product line. Flush Panels are available in two configurations: Flush Panel and Reveal Panel.

Applications

Uses: PAC-CLAD Flush Panels are intended for use in vertical wall, fascia and soffit applications. Flush Panels are not intended for use in roofing or mansard applications.

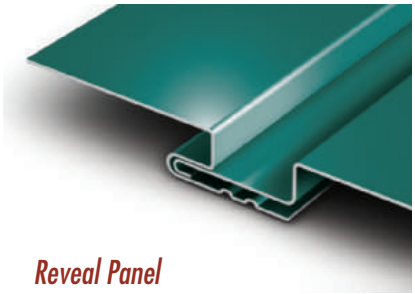
Stiffening Beads

The Flush Panel and Reveal Panel are available with optional stiffening beads. Stiffening beads are recommended for longer panel lengths. One or two beads are available.

Corrective Leveling

Petersen Flush Panels are formed on precision roll-forming equipment that includes in-line Herr-Voss corrective levelers. Corrective leveling works to remove typical metal conditions including coil set, crowning and edge wave. In-line leveling capabilities allow us to work with source material that is "still-water" flat. The result is a panel that exhibits superior flatness. Corrective leveling is available at no extra charge.

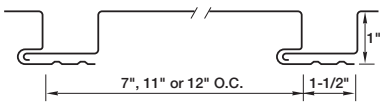
A complete specification is available online at www.pac-clad.com



Reveal Panel

7", 11" Or 12" O.C.
1" high

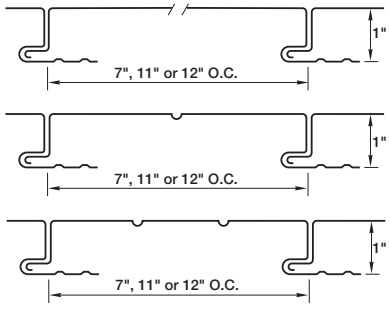
032 aluminum
.040 aluminum*
24 gauge steel
22 gauge steel*



Flush Panel

7", 11" Or 12" O.C.
1" high

032 aluminum
.040 aluminum*
24 gauge steel
22 gauge steel*



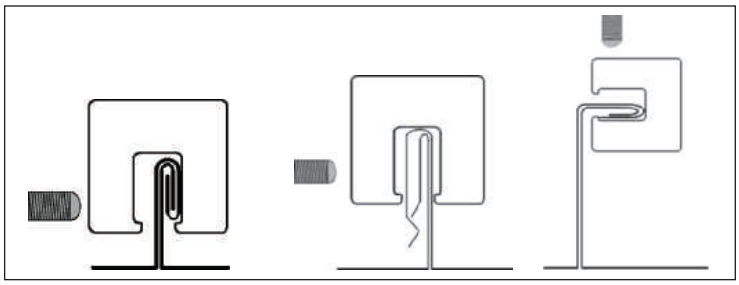
*Limited Color Availability.
12" O.C. has reduced fastening flange.

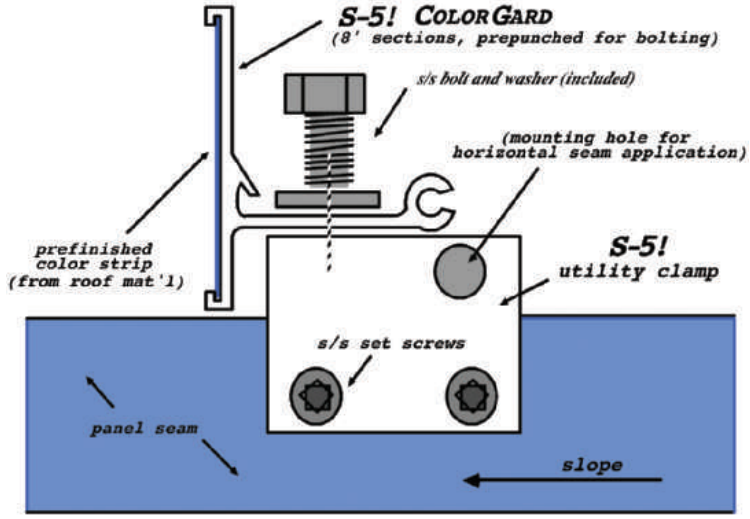
COLORGARD™ SNOW RETENTION SYSTEMS

Petersen Aluminum Corporation is stocking the patented ColorGard Snow Retention System. ColorGard is the only product available which will precisely match the color of the roof. ColorGard achieves this by utilizing a strip of the actual roof material, which is then mounted directly into ColorGard for a perfect match. This strip can be cut in the field or at our factory. An architectural alternative to ColorGard is SnoFence, which uses posts and continuous rods.

ColorGard utilizes the patented S-5 Clamp for its strength. The S-5 technology involves gripping the seam in such a way that there is no penetration to the panel material. S-5 utilizes round-point set screws for attachment which are specially made for the S-5 ColorGard or SnoFence™ Snow Retention System. These systems eliminate minimum temperature installation requirements and messy adhesives to apply. ColorGard and SnoFence can be installed at any temperature. For more information regarding ColorGard or SnoFence please contact your local Petersen representative.

A complete specification is available online at www.pac-clad.com





Top Photo:
Mary D. Pretlow Anchor Branch Library - Norfolk, VA
Architect: The Design Collaborative
General Contractor: Sunbay Contracting Inc.
Roofing Contractor: Westar Roofing Corp.
Profile: Snap-Clad
Color: Silver Metallic

Right Photo:
CLEET - Council Law Enforcement Education & Training Ada, OK
Architect: Dewberry Design Group Inc.
General Contractor: Atlas General Contractors
Roofing Contractor: Oklahoma Roofing and Sheet Metal, Inc.
Color: Custom Color - Zinc Gray
Profile: Snap-Clad & Flush Panel

PAC-CLAD
Petersen Aluminum

COMPOSITE WALL PANELS

Product Features

- Available in a wide variety of colors and finishes
- Precise fabrication to meet exacting tolerances
- Rout-and-return fabrication
- Welded Corners Available

Material

- 3mm, 4mm, 6mm – Composite
- .063 - .125 Mill Finish Aluminum
- Zinc
- Copper
- Stainless Steel
- Anodized Aluminum

Tests

- ASTM E283
- ASTM E330
- ASTM E331

Petersen Aluminum offers another dimension in design flexibility with its series of Composite Wall panels. PAC's panel systems provide unmatched performance and stunning visual effects for any commercial or retail application.

The PAC-3000 CS panels are comprised of an .020 face and back skin thermobonded to a polyethylene or fire-retardant core. Panels are formed by a rout and return process utilizing computer controlled routing equipment. This state-of-art fabrication insures tight tolerances and accurate panel dimensions. Staggered angle clips mounted to the panel allow for each panel to be installed and adjusted individually.

The PAC-3000 RS is a rain-screen system that eliminates the use of caulk, utilizing clean reveals for an architecturally pleasing system. The system is constructed with aluminum composite material (ACM), available in a wide range of finishes and colors to complement any design scheme. Extrusions are fixed to the perimeter of the panel and nest into the extruded track which is attached to the substrate. The result is a free-floating panel installation since the panel is not fastened to the substrate.

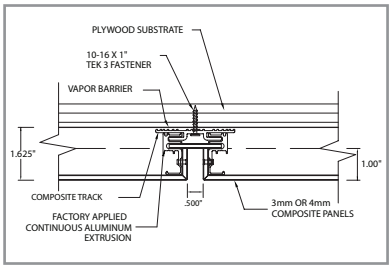
The PAC-3000 AP panels provide a nearly endless selection of materials, finishes and configurations. Panels can be fabricated out of painted or anodized aluminum as well as stainless steel. Panel configurations can be customized to suit your application.

A complete specification is available online at www.pac-clad.com

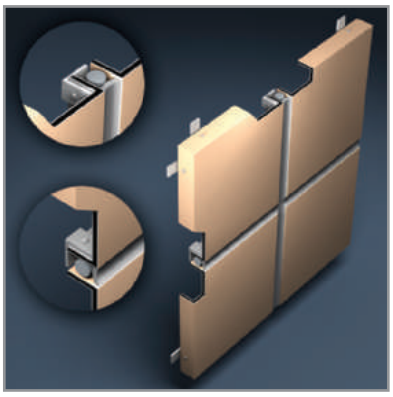
Top Photo:
Pine Rest Postma Center for Worship & Education - Grand Rapids, MI
Architect: Integrated Architecture
General Contractor: Pioneer Construction

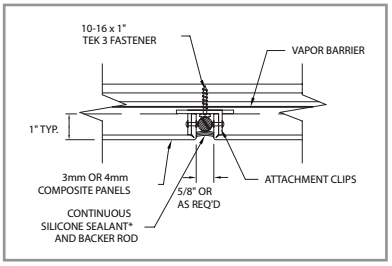
Roofing Contractor: Buist Sheet Metal Company
Color: Evergreen Copper, Classic Bronze & Platinum
Profile: PAC Flat Seam Panels, PAC Composite Panels

PAC-3000 RS

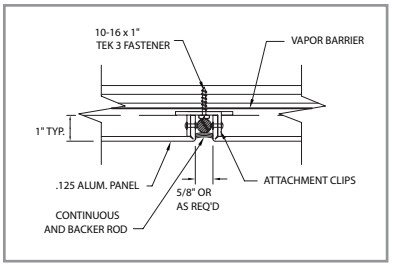


PAC-3000 CS





PAC-3000 AP



07 61 00/PET
BuyLine 3008

COLUMN COVERS

The design of the PAC-1000 and 2000 "F" Series Column Covers allows for a clean, precise installation, revealing a hairline joint. The column sections are assembled using a rivnut/keyhole system to provide a tight inconspicuous vertical seam.

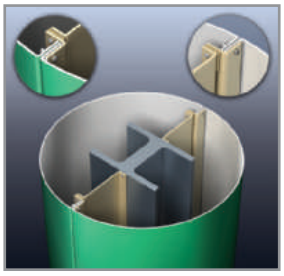
The PAC-1000 and 2000 "C" and "R" Series Columns are designed to leave a small open vertical reveal where the sections meet. Backer rod and caulk are applied to the vertical reveal joint to complete the installation of our "C" Series Column Cover. For the "R" Series Column, a metal channel filler is fabricated to fit into the vertical joint, and is set in sealant.

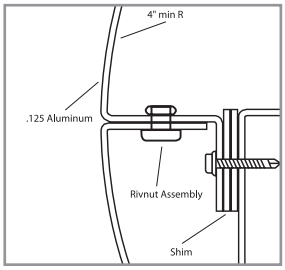
Your project may require column or section designs that are not shown here. Column Covers are available in 16 ga. stainless steel, .063 -.125 aluminum finished to a wide range of colors and anodized options, and composite material. Petersen Aluminum Corporation's fabrication capabilities offer a great deal of flexibility and go far beyond what we can display on this page. Please contact us with your fabrication needs.

A complete specification is available online at www.pac-clad.com

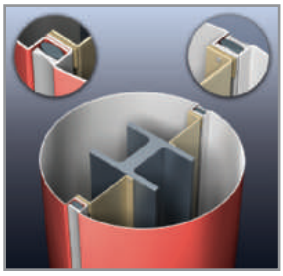
1000

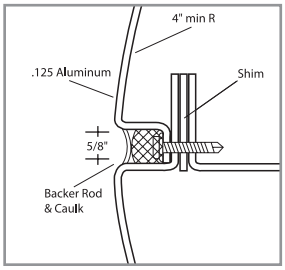
Flush Joint



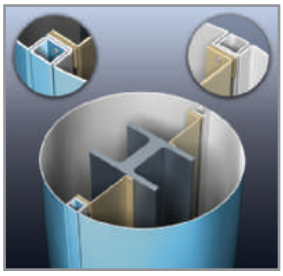


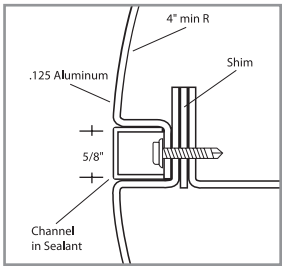
Caulk Joint





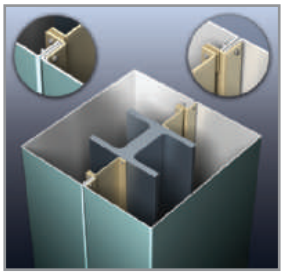
Reveal Joint

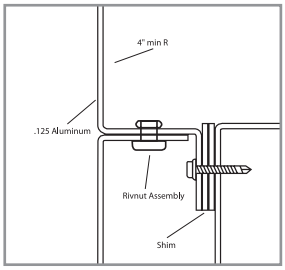




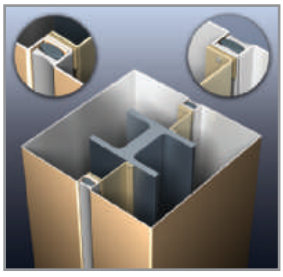
2000

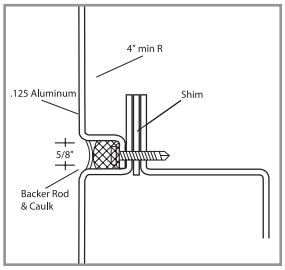
Flush Joint



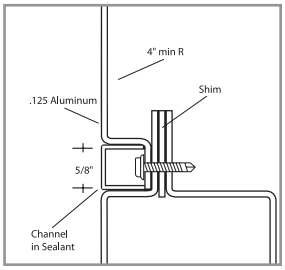


Caulk Joint

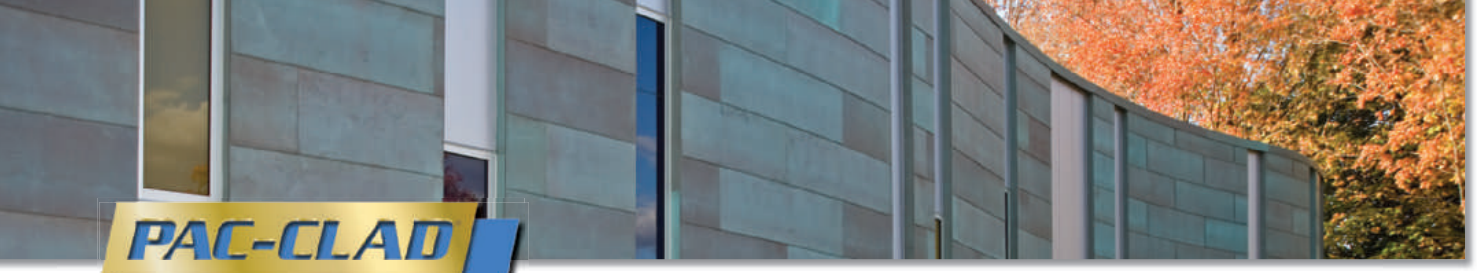




Reveal Joint



Top Photo:
Streamwood Police Station - Streamwood, IL
Architect: Sente Rubel Bosman Lee Architects
General Contractor: M.A. Mortenson
Roofing Contractor: All American Exteriors
Product: PAC-1000C Series Column Covers & Beam Wraps
Color: Clear Anodized



PAC-CLAD
Petersen Aluminum

COPING SYSTEMS

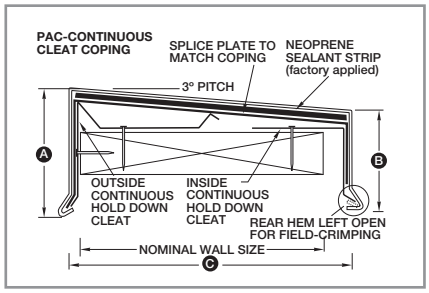
PAC-Continuous Cleat Coping

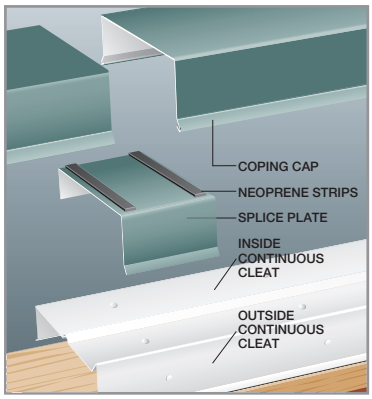
The innovative design of the continuous cleat permits the installation of a sloped coping cap over extra wide walls. The support of the cleat substantially reduces sagging, which can induce ponding and the possibility of leaks. For further weather tightness, neoprene strips are factory applied to each hold down cleat (see illustration).

Factory-supplied fasteners accompany each coping order to assure proper attachment of the cleats to the wood nailer. Field-crimping on the inside leg of the coping to the inside hold down cleat completes the installation.

- FM Rated for .063 and .050 aluminum, 22 ga. and 24 ga. steel
- Available in Kynar 500 painted and anodized finishes
- Available in up to 12'-0" lengths
- For longer lengths, consult factory
- Available with enhanced Factory Mutual Ratings up to FM I-180
- Galvalume Plus available
- ANSI/SPRI ES-1 Approved

PAC-Continuous Cleat Coping





PAC-Continuous Cleat Coping - Wind Uplift

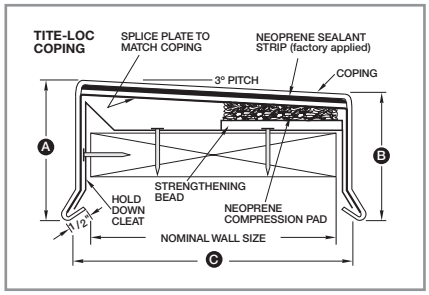
MATERIAL	WALL WIDTH	FM I-90	FM I-105	FM I-120	FM I-165	FM I-180
24 ga. Steel	16" max	√				
22 ga. Steel	16" max	√	√			
22 ga. Steel	15" max	√	√	√		
.050, .063 Alum.	24" max	√	√			
.050, .063 Alum.	16"max	√	√	√	√	
.050, .063 Alum.	15" max	√	√	√	√	√

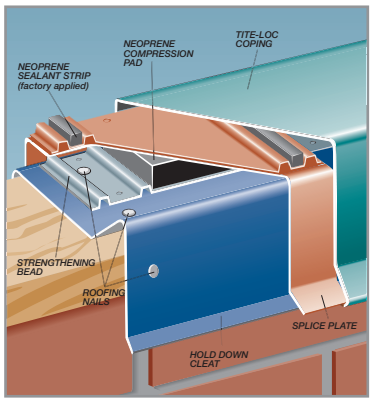
Gutter Splice System: Tite-Loc Coping

The system features a built-in sealing mechanism incorporated into the splice plate (see illustration). This proprietary feature not only adds rigidity, but insures a weathertight joint. Proper installation requires that the hold-down cleat be attached with four top fasteners and two face fasteners, spaced as shown. TITE-LOC™ coping may be specified with either a neoprene compression pad or a metal compression strip.

- Available for wall sizes 6"-16"
- Made 3/4" larger than the wall to compensate for membranes and inconsistencies
- FACTORY MUTUAL TESTED (see cleat diagram & wind uplift chart).

Tite-Loc Coping





Tite-Loc Coping - Wind Uplift

MATERIAL	WALL WIDTH	FACTORY MUTUAL I-60	FACTORY MUTUAL I-90
24 ga. Steel, 22 ga. Steel	6"-12"	√	√
.050 Alum., .063 Alum., .080 Alum., .125 Alum.,	6"-16"	√	√

A complete specification is available online at www.pac-clad.com

Top Photo:
Pine Rest Postma Center for Worship & Education - Grand Rapids, MI
Architect: Integrated Architecture
General Contractor: Pioneer Construction
Roofing Contractor: Buist Sheet Metal Company
Color: Evergreen Copper, Classic Bronze & Platinum
Profile: PAC Flat Seam Panels, PAC Composite Panels

07 61 00/PET
BuyLine 3008

GRAVEL STOPS

Single-Ply Roofing: PAC-1-Ply Gravel Stop

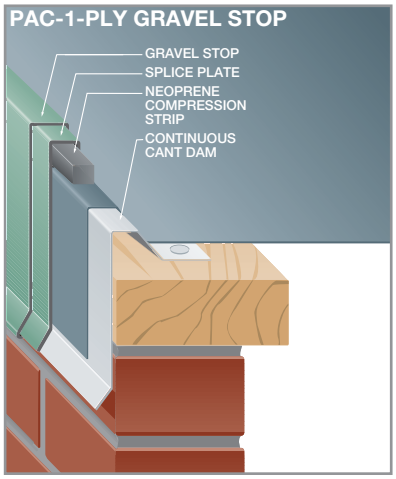
The PAC-1-PLY Gravel Stop is designed for use with all single-ply roofing systems. The PAC System is non-penetrating and designed for quick and sure installation. PAC-1-PLY Gravel Stops achieve an FM I-90 rating with a maximum face dimension of 8". Minimum gauges required for the I-90 rating are .063 aluminum and 24 ga. steel.

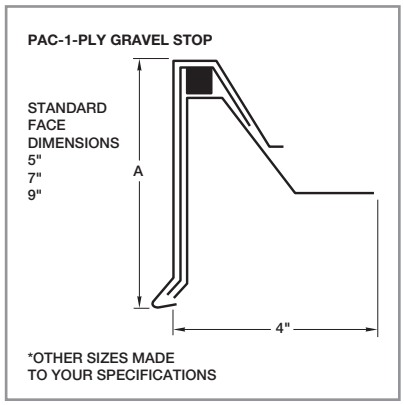
PAC-1-PLY Gravel Stops are available in up to 37 stocked PAC-CLAD Kynar 500® colors, depending on gauge selected or may be anodized (clear or bronze shades) or custom finished.

Gravel stops are pre-fabricated from heavy gauge .040 - .125 aluminum as well as 22 ga. and 24 ga. PAC-CLAD galvanized steel. Maximum section lengths are 12'. Each section is furnished with a 6" wide splice plate with matching finish. A continuous galvanized cant dam is provided with each section

Gravel Stop Accessories

- Mitred/quick-locked corners
- Extenders





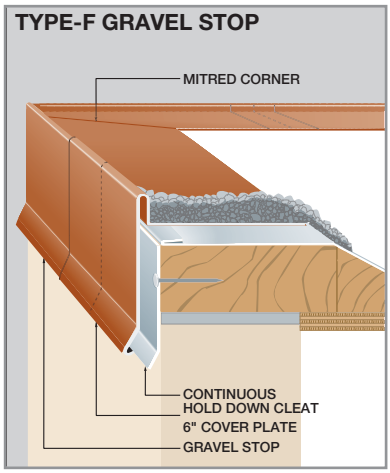
Built-Up/Modified Roofing: Type-F Gravel Stop

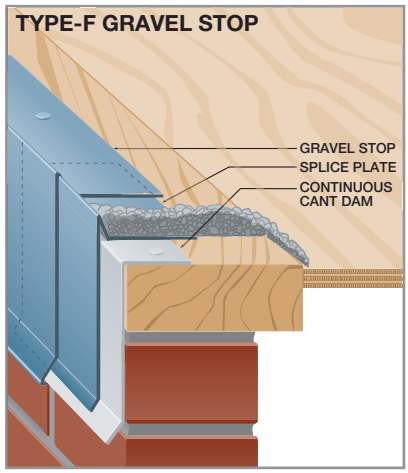
The Type-F Gravel Stops have design characteristics similar to extruded gravel stops, but with much greater design flexibility. Face and head dimensions are variable and can be angled at varying degrees. This system is available in .032 - .125 aluminum as well as 24 ga. and 22 ga. steel in lengths up to 12'.

Gravel Stop Accessories

- Mitred/quick-locked corners
- Extenders

A complete specification is available online at www.pac-clad.com





Top Photo:
Holy Family Catholic Church - Fond du Lac, WI
Architect: Plunkett Raysich Architects.
General Contractor: CD Smith Construction
Roofing Contractor: Muza Sheet Metal
Profile: Tite-Loc Plus Standing Seam
Color: Champagne Metallic

SPECIFY PETERSEN...

YOU HAVE OUR ASSURANCE OF QUALITY

PAC-CLAD Products

- PAC-CLAD Aluminum
- PAC-CLAD Steel
- Tite-Loc Panels
- SNAP-CLAD™
- Redi-Roof®
- Integral Panels
- Snap-on Panels
- Exposed Fastener Panels
- PAC Solar Series
- Flush Panels
- Soffit Panels
- Framing Systems
- Flashing and Trim
- Coping and Gravel Stops
- Anodized Aluminum
- Copper and Stainless Steel
- Column Covers
- Composite Panels

In presenting this catalog, we serve only in an advisory capacity and can undertake no liability. Consideration should be given on local conditions in selecting materials and panel profiles. The photographs appearing in this catalog show typical PAC-CLAD applications.

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Top Photo:
Georgia Highlands College - Cartersville, GA
Architect: Cooper Carry Architects
General Contractor: Aviation Construction Inc.
Roofing Contractor: Atlanta Metal Systems LLC
Material: TCS II
Profile: Snap-Clad, gutters & downspouts

Bottom Photo:
Heifer International - Little Rock, AR
Owner: Heifer International
Architect: Polk Stanley Rowland Curzon Porter Architects, LTD.
Contractors: Ace Glass Co., Harness Roofing
Color: Silver Metallic
Profile: 7/8" Corrugated, M - Panels, Coping

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