



SNAP-CLAD™ PANELS

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.

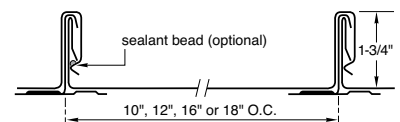


UL 90
CLASSIFIED

SNAP-CLAD™

SPECS: 10", 12", 16" OR 18" O.C.
1-3/4" HIGH

MATERIALS: .032 ALUMINUM
.040 ALUMINUM
24 GAUGE STEEL
22 GAUGE STEEL
16 OZ. COPPER



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

PRODUCT FEATURES

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

Material

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

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

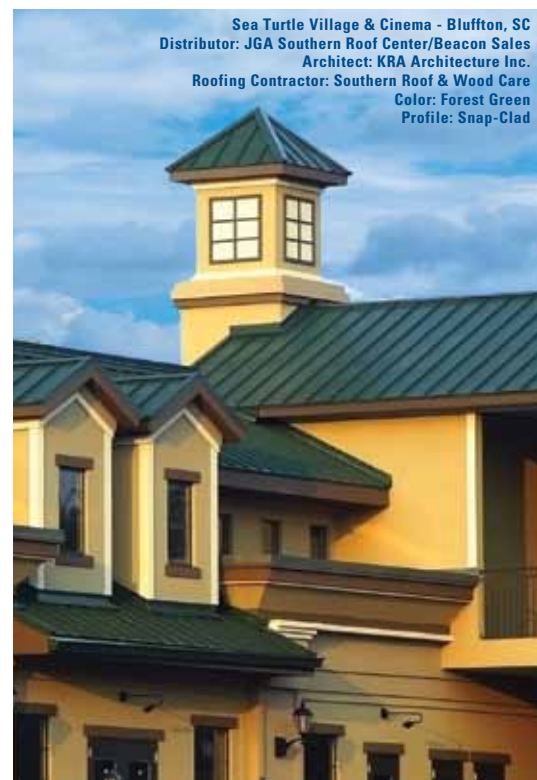
Florida Building Product Approvals

- .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

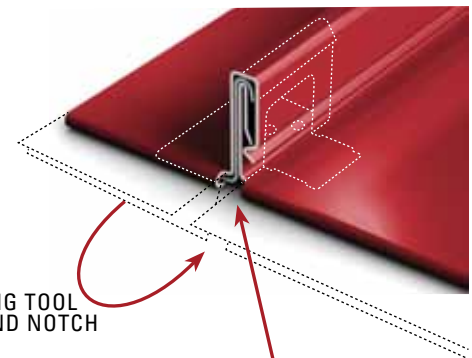
- .032 Aluminum: NOA No.: 07-0320.05
- .040 Aluminum: NOA No.: 07-0320.06
- 24 ga. Steel: NOA No.: 07-0301.01

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



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.



USE HEMMING TOOL TO FIELD BEND NOTCH

EAVE NOTCH (OPTIONAL) AT FORMED SEAMS

UL CONSTRUCTION CODE¹

MAXIMUM CLIP SPACING

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

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