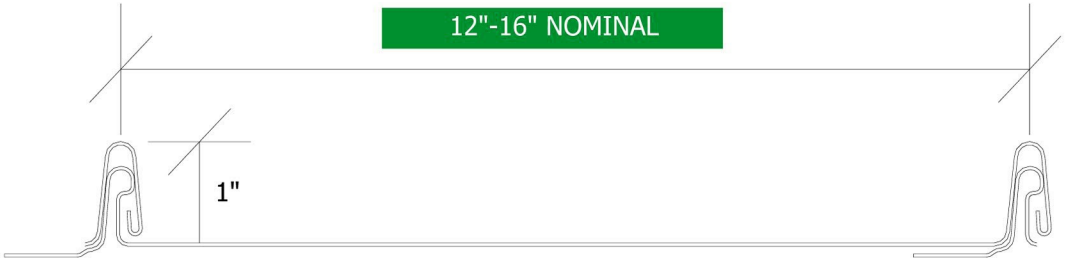
NAIL STRIP

ARCHITECTURAL STANDING SEAM ROOFING SYSTEM

NS100 1" NAIL STRIP PANEL

- Low profile architectural standing seam system
- Streamlined look for smaller roofing applications
- Ideal for residential applications
- Low-profile clipless system for fast, easy installation



PANEL PERFORMANCE

Material	Panel Configuration	HVHZ (psf)	Non-HVHZ (psf)
032 Aluminum	16in wide panel (max) - 15/32" and 19/32" plywood - 7/16" OSB - #10x1" pancake head fastener	FBC 46113.5 R4 - 10 3/4" OC: -86psf - 5 3/8" OC: -93.5psf	FBC 46115.7 R4 - 10 3/4" OC: -86psf - 5 3/8" OC: -93.5psf (19/32 Plywood Deck) FBC 46115.9 R4 - 10 3/4 " OC: -86psf (15/32 Plywood Deck) FBC 46115.5 R4 - 10 3/4 " OC: -37.5psf (7/16 OSB Deck)
26ga Steel		FBC 46113.6 R4 - 10 3/4" OC: -82.25psf - 5 3/8" OC: -108.5psf	FBC 46115.8 R4 - 10 3/4" OC: -86psf - 5 3/8" OC: -108.5psf (19/32 Plywood Deck) FBC 46115.10 R4 - 10 3/4 " OC: -63.5psf (15/32 Plywood Deck) FBC 46115.6 R4 - 10 3/4 " OC: -56psf (7/16 OSB Deck)

FEATURES:

- Clipless system for fast, easy installation
- Ideal for residential and light commercial applications
- Architectural, hydrokinetic panel
- Offset design ensures smooth surface at fabrication
- 35 year finish warranty on Kynar 500 finish
- Underlayment and solid substrate required
- Clipless system limits panel length to 25' +/-
- Panel width from 12"-16", please consult for other availabilities

MATERIALS:

- 24 and 26 gauge* Galvalume®
- .032" aluminum

TESTING:

Sentrigard™ panel assemblies have passed extensive testing to ensure optimal performance in a wide range of conditions. This includes the rigorous High Velocity Hurricane Zone (HVHZ) performance criteria that tests for both wind uplift and air and water infiltration.

TEST REPORT SUMMARY:

- Florida Building Code 2023
- Testing per TAS 125-03 Std. Requirements for Metal Roof Systems
- Testing per TAS 100 Wind Driven Rain Test
- Test Assembly #6 by Underwriters Laboratory for:
  - a) UL 580-94, per FBC, Uplift Resistance of Roof Assemblies
  - b) UL 1897-98, per FBC, Uplift Tests for Roof Covering Systems
- Class 4 Impact: UL2218
- Class A fire: E108