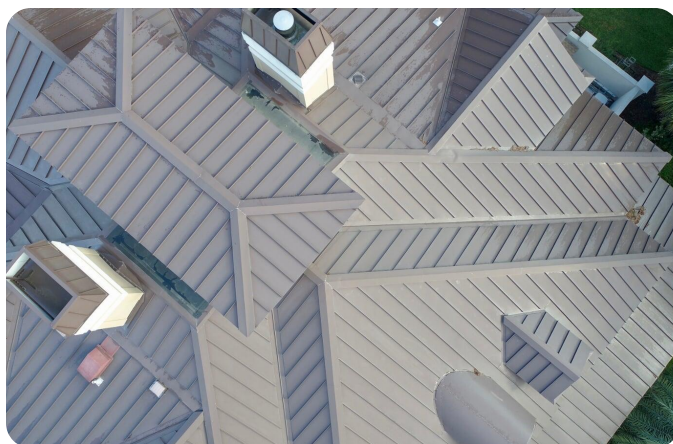




ERS
METALS

1" Mechanical Lock Standing Seam M100

Standing Seam · Best for: Coastal and salt-air exposure

HVHZ APPROVED

FL41812.03-R1

- Seam height: 1" nominal
- Material: 0.032" aluminum
- Attachment: Concealed clip
- Fastener: (2) #12 × 1" pancake-style per clip, per FBC 1506.6
- Finish: PVDF
- Panel coverage: 16" maximum
- Seaming: Field seamed to 180 degrees (double lock)
- Clip: UC-3 butterfly two-piece assembly
- Substrate: 15/32" minimum plywood

PRODUCT OVERVIEW

Aluminum mechanically seamed panel for coastal work. The seam is field-rolled to a 180 degree double lock, giving a fully closed joint that does not rely on snap engagement.

SPECIFICATIONS

Seam height	1" nominal
Panel coverage	16" maximum
Material	0.032" aluminum
Seaming	Field seamed to 180 degrees (double lock)
Attachment	Concealed clip
Clip	UC-3 butterfly two-piece assembly
Fastener	(2) #12 × 1" pancake-style per clip, per FBC 1506.6
Substrate	15/32" minimum plywood
Finish	PVDF

ATTACHMENT METHODS AND ALLOWABLE LOADS

METHOD	ALLOWABLE LOAD	INSTALLATION
A	63.5 psf	Clips at 24" o.c., (2) #12 × 1" per clip, panel seamed to 180 degrees
B	101 psf	Clips at 6" o.c., (2) #12 × 1" per clip, panel seamed to 180 degrees

Allowable loads shown include a factor of safety of 2.0. Select the method that satisfies the design wind load for the project's roof zone and exposure.

This panel has demonstrated compliance with the 2023 Florida Building Code, Section 1504.3.2 (non-HVHZ) and Sections 1518.9.1 / 1523.6.5.2.4 (HVHZ), under Rule 61G20-3.