

**Design Pressure	Fastener Spacing
108.5 psf	@ 12" o.c.
-155.5 PSF	@ 6" o.c. in panel rib

Non-Structural Application

**Design Pressure	Fastener Pattern	Fasteners Spacing
-52.5 PSF	9"- 2"- 9"	@ 36" o.c.

**Design Pressure	Fasteners Pattern	Fasteners Spacing
-52.5 PSF	12"- 8"	@ 12" o.c.

**Design Pressure	Fastener Spacing
-108.5 psf	@ 12" o.c.
-155.5 PSF	@ 6" o.c. in panel rib

**Design Pressure	Fastener Pattern	Fastener Spacing
-52.5 PSF	9"- 9"- 9"- 9"	@ 12" o.c.

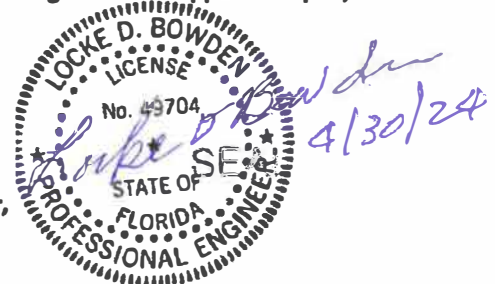
**Design Pressure	Fastener Pattern	Fastener Spacing
-52.5 PSF	9"- 9"- 9"- 9"	@ 24" o.c.

**Design Pressure	Fastener Pattern	Fastener Spacing
-60.5 PSF	12"- 12"- 12"	@ 24" o.c.
-154.75 PSF	7"- 5"- 7"- 5"- 7"- 5"	@ 12" o.c.

Certificate of Independence:

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FL 8393.10 Product: PBR 26GA over 1X4 Wood Purlins over Plywood Non-Structural HVHZ**36" wide 1-1/4" rib height at 12" o.c. through fastened FOR HVHZ INSTALL PER RAS 133**

Substrate: 1x4 wood purlins (optional) over 15/32" APA plywood. Wood purlins fastened to plywood w/ min. 8DX2-1/2" ring shank nails at 4" o.c. max spacing. Corrosion Resistant Fastener #9-15 Woodgrip® w/ sealing washer or approved equal, X" min. penetration through plywood.

**Design Pressure	Fastener Pattern	Fastener Spacing
-100.6 PSF	12"- 12"- 12"	@ 24" o.c.
-161.76 PSF	7"- 6"- 7"- 6"- 7"- 6"	@ 12" o.c.

FL 8393.11 Product: 3/4" RIB 26GA over 15/32" Plywood Non-Structural Application HVHZ**36" wide 80ksi 3/4" rib height through fastened FOR HVHZ INSTALL PER RAS 133**

Substrate: 15/32" plywood decking. Corrosion Resistant Fastener #9-15 Woodgrip® w/ sealing washer or approved equal, X" min. penetration through plywood.

**Design Pressure	Fastener Pattern	Fastener Spacing
-71.76 PSF	9"- 9"- 9"- 9"	@ 24" o.c.
-169.26 PSF	6.6"- 2.6"- 6.6"- 2.6"- 6.6"- 2.6"- 6.6"- 2.6"	@ 12" o.c.

FL 8393.12 Product: 3/4" RIB 26GA over 1X4 Wood Purlins over 15/32" Plywood Non-Structural HVHZ**36" wide 80ksi 3/4" rib height through fastened FOR HVHZ INSTALL PER RAS 133**

Substrate: 1x4 wood purlins over 15/32" APA plywood. Purlins fastened to plywood w/ min. 8DX2-1/2" ring shank nails at 4" o.c. spacing. Corrosion Resistant Fastener #9-15 Woodgrip® w/ sealing washer or approved equal, X" min. penetration thru PLYWOOD

**Design Pressure	Fastener Pattern	Fastener Spacing
-106.76 PSF	9"- 9"- 9"- 9"	@ 24" o.c.
-164.26 PSF	9"- 9"- 9"- 9"	@ 12" o.c.

FL 8393.13 Product: 1" Snap Lock DISCONTINUED (product no longer manufactured)****DESIGN PRESSURE INCLUDES A 2:1 SAFETY FACTOR****Reference Data:**

Underwriters Laboratory
Underwriters Laboratory
Underwriters Laboratory
Underwriters Laboratory
Underwriters Laboratory

Construction #600
Construction #587
Construction #589
Construction #453
Construction #579

UL 580-94¹
UL 580-94¹
UL 580-94¹
UL 580-94¹
UL 580-94¹

Force Engineering & Testing (TST-5328)

205-035T-11 C

FM 4471-10²

Force Engineering & Testing (TST-5328)

205- 0061T-07 O-Q

TAS 125-03 (UL 580-94¹/1897-98³)

Farabaugh Engineering & Testing (TST-5328)

T130-07, T215-08

TAS 100-95

PRI Construction Materials Technologies (TST-5878)

VLS-004-02-01

TAS 110-00 (ASTM G 155)

VLS-005-02-01

TAS 110-00 (ASTM B 117)

Underwriters Laboratory

Construction #584

UL 580-94¹

Force Engineering & Testing (TST-5328)

205-035T-11 B

FM 4471-10²

Underwriters Laboratory

Construction #560

UL-580-94¹

Force Engineering & Testing (TST-5328)

205-035T-11 B

FM 4471-10²

Force Engineering & Testing (TST-5328)

205-0061T-07 G-I

TAS 125-03 (UL 580-94¹/1897-98³)

Farabaugh Engineering & Testing (TST-1654)

T132-07

TAS 100-95

Force Engineering & Testing (TST-5328)

205-0061T-07 J-L

TAS 125-03 (UL 580-94¹/1897-98³)

Farabaugh Engineering & Testing (TST-1654)

T129-07

TAS 100-95

Farabaugh Engineering & Testing (TST-1654)

T273-07

TAS 100-95

Force Engineering & Testing (TST-5328)

205-

TAS 125-03 (UL 580-94¹/1897-98³)

Farabaugh Engineering & Testing (TST-1654)

T126-07

TAS 100-95

Farabaugh Engineering & Testing (TST-1654)

T270-08

TAS 100-95

Force Engineering & Testing (TST-5328)

205- 0061T-07 D-F

TAS 125-03 (UL 580-94¹/1897-98³)

Farabaugh Engineering & Testing (TST-1654)

T128-07

TAS 100-95

Farabaugh Engineering & Testing (TST-1654)

T272-08

TAS 100-95

Force Engineering & Testing (TST-5328)

72-0219T-07

TAS 125-03 (UL 580-94¹/1897-98³)

Farabaugh Engineering & Testing (TST-1654)

T233-07

TAS 100-95

PRI Construction Materials Technologies (TST-5878) VLS-004-02-01

VLS-005-02-01

TAS 110-00 (ASTM G 155)

TAS 110-00 (ASTM B 117)



1. The UL 580-94 test standard is equivalent to the UL 580-06 test standard.

2. The FM 4471-10 test standard is equivalent to the FM 4471-92 test standard.

3. The UL 1897-98 test standard is equivalent to the UL 1897-15 test standard.

4. The TAS 100-95 test standard is equivalent to the TAS 100-2023 test standard.

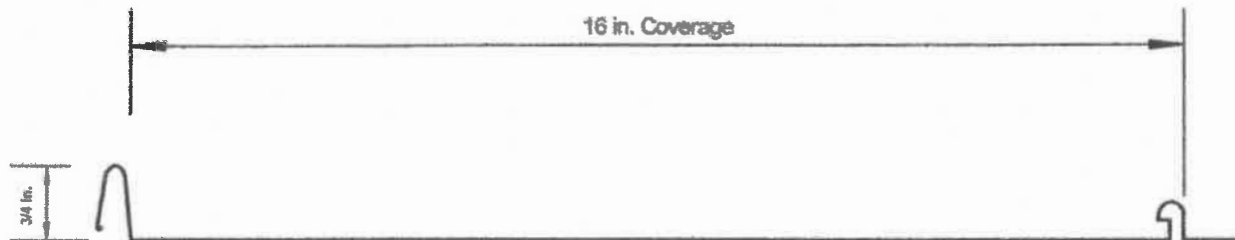
Limitations:

- Underlayment to be compliance with current Florida Building Code (. see Chart 1507
- Minimum slope to be compliant with Current Florida Building Code., and per with Manufacturer's installation reference.
- Products are compliant with State of Florida product approval per Rule 61G20-3. Compliance Method: 1-D
- Engineering analysis for "project specific approval by local authorities w/jurisdiction is allowed by other registered engineers.
- Fire classification is not part of this acceptance. Shear diaphragm values are outside this report.
- Support framing in compliance w/Current FBC , Chapter 22 Steel, Chapter 23 Wood and Chapter 16 Structural Loading.
- This report does not imply warranty, installation, recommended product use outside of this report

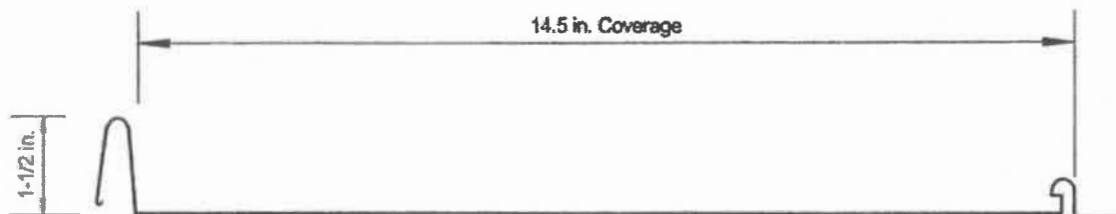
Panel Profiles-Non-HVHZ and HVHZ

*All fasteners to be Corrosion Resistant in compliance with Florida Building Code 2017

1.0 Nail Strip 24GA over 19/32" sealed plywood thru fastened- #10 Pancake Head Fasteners

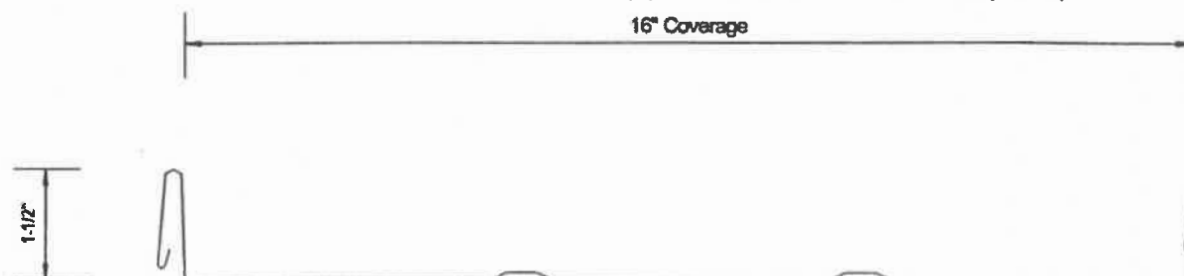


1.5 Nail Strip 24GA over 15/32" plywood thru fastened-#10 Pancake Head Fasteners

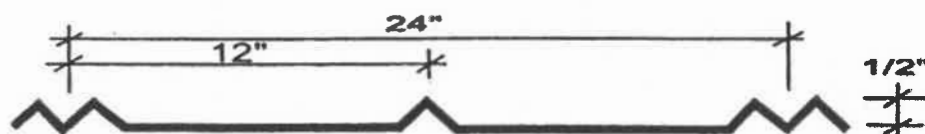


1.5 Snap Lock 24GA over 19/32" sealed plywood 1500SNS Clip 18GA

(2)#10 Pancake Head Fasteners per clip

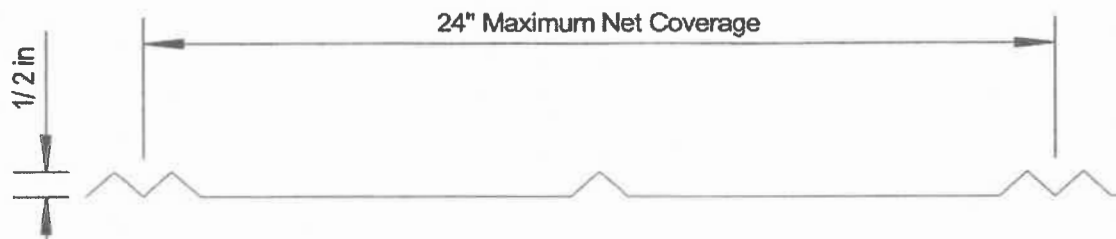


5 V Crimp 26GA over 19/32" sealed plywood thru fastened- #9 Hex Head w/sealing washer 5 V Crimp 24GA over 1x4 purlins over 15/32" or 19/32" sealed plywood OPTION to fasten beside of raised ribs



5 V Crimp min. 29GA over 15/32" plywood

thru fastened-#9-15 HWH w/sealing
washer In the flat panel flat -side of ribs

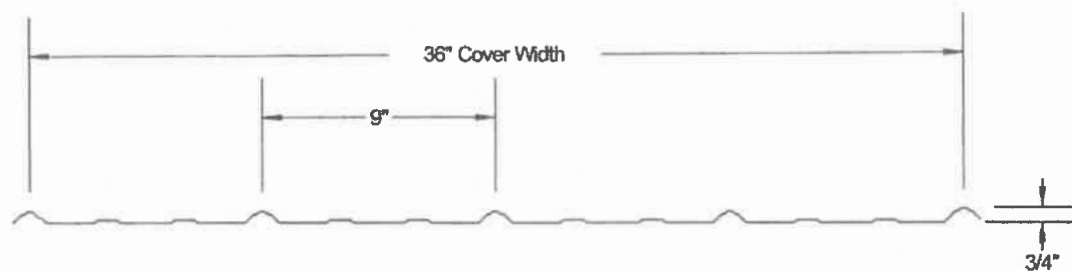


MAR-RIB min. 29GA

Use #9-15 HWH w/sealing washer for 15/32" plywood

For 19/32" sealed plywood or 2x4 wood lathing,

Use #10 HWH w/sealing washer Pancake Head



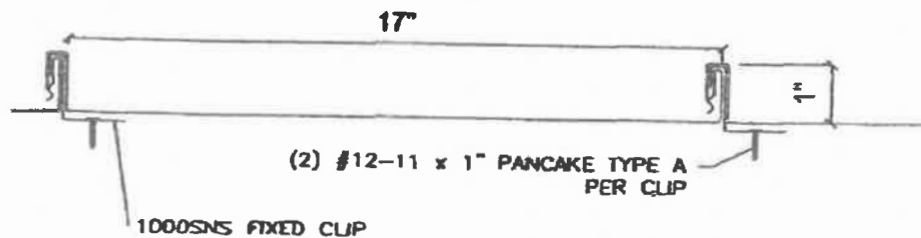
Panel Profiles-HVHZ

* All fasteners to be corrosion resistant and in accordance with Florida Building Code

24GA -1.0 Snap Lock over 15/32" plywood-HVHZ

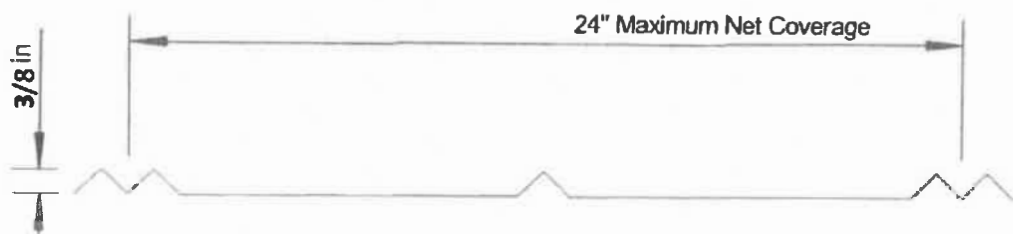
Clip: 1000SNS® Fixed 18GA

(2) #12-11 Pancake Head Type A Fasteners

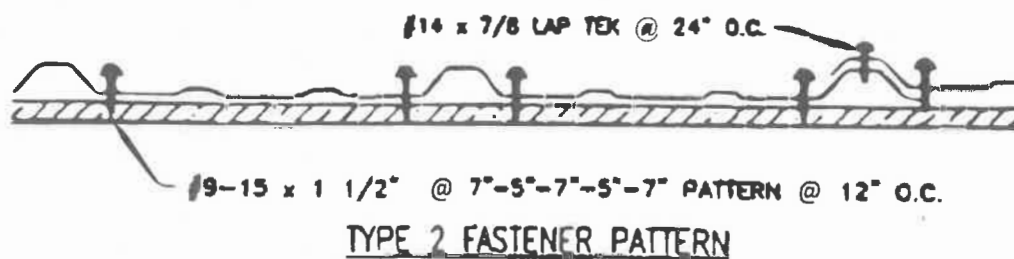
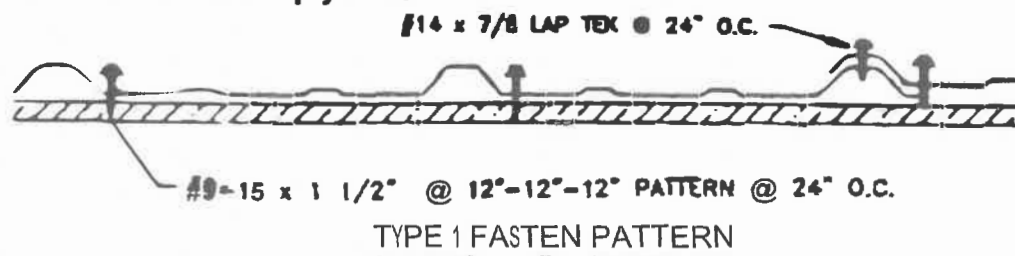


26GA 5 V Crimp over 15/32" plywood-HVHZ

#9-15 Woodzac® w/Zac head w/sealing washer thru fasten in panel rib or optional, fasten to sides of ribs in panel flat



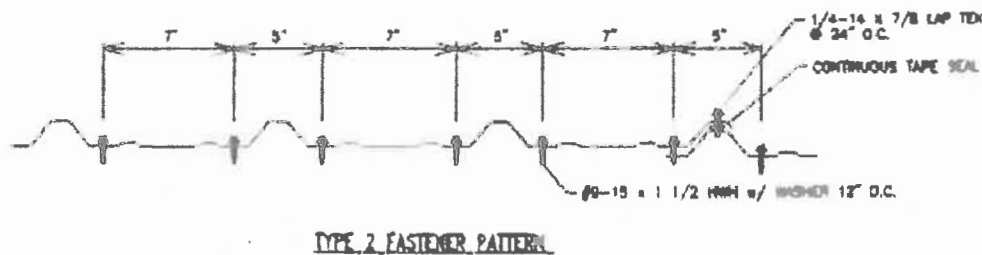
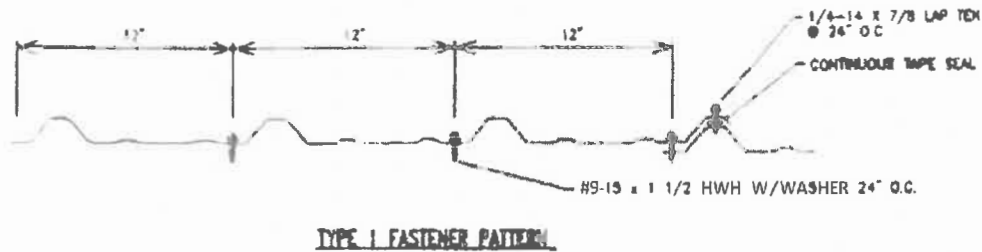
PBR 26GA over 15/32" plywood



Panel Profiles-HVHZ

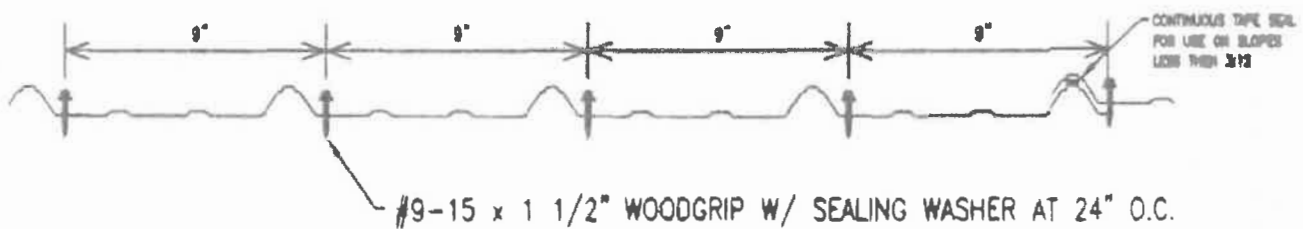
* All fasteners to be corrosion resistant and in accordance with Florida Building Code

26GA PBR -HVHZ-over 1x4s over plywood

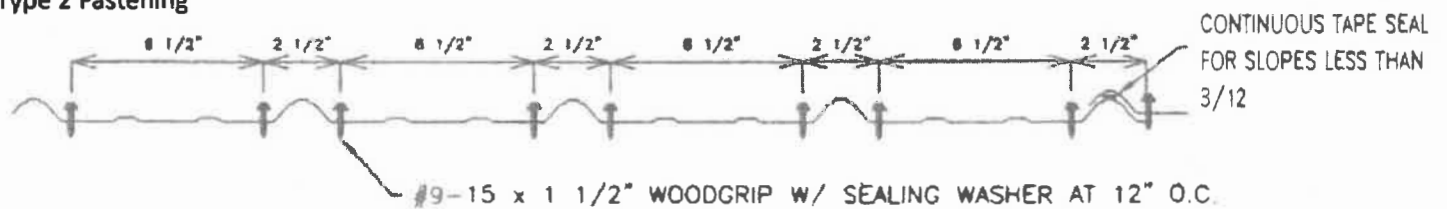


26GA Rib over 15/32" plywood-HVHZ

Type 1 Fastening



Type 2 Fastening



Panel Profiles-HVHZ

* All fasteners to be corrosion resistant and in accordance with Florida Building Code

26GA Rib over 1x4 over plywood

