

Product Report

Manufacturer: McGee Buildings LLC- dba - Roof Mart,

(formerly Roof Mart) 435 12th Street SW
Vernon, AL. 35592

COMPLIANT WITH ASCE 7-22

(205) 695-0141

Florida Product Approval 12718

Sub-Category: Metal Roofing

Method: 1-0

Compliant with Florida Building Code 2023

Compliant with Florida Product Approval Rule # 61620-3

Compliant Quality Assurance Program: PRI

FBC Sections: 1504, 1506, 1507, 1517, 1518, 1519

FL 12718.1 26 GA PBR PANEL OVER 19/32" PLYWOODS

HVHZ

36" Wide .019" min. Grade 80 Metal - Rib Height: 1-1/4" tall - Fire Barrier: 1/4" Georgia Pacific "Dens Deck" or approved equal Corrosion Resistant Fastener #9-15 x1-1/2" Woodgrip w/sealing washer. - Plywood to supports at max. 24" O.C. Spacing.

Side Laps: 1/4 - 14 - 7/8" Lap Tek w/ sealing washer @ 24" O.C. - For HVHZ Installation use Manufacturer's Instruction and RAS 133 - Substrate: Use 19/32" for new construction for HVHZ slope 2:12 - Underlayment: See FBC Section 1507, Table 1507.1.1

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.

FL 12718.2 26 GA PBR PANEL OVER SYP 1X4 WOOD PURLINS

HVHZ

36" Wide .019" min. Grade 80 Metal - Rib Height: 1-1/4" tall - Fire Barrier: 1/4" Georgia Pacific "Dens Deck" or approved equal Corrosion Resistant Fastener #9-15 x1-1/2" Woodgrip w/sealing washer. - Plywood to supports at max. 24" O.C. Spacing.

Side Laps: 1/4 - 14 - 7/8" Lap Tek w/ sealing washer @ 24" O.C. - For HVHZ Installation use Manufacturer's Instruction and RAS 133 - Substrate: Use 19/32" for new construction for HVHZ slope 2:12 install per manufacturers instructions. - Underlayment: See FBC Section 1507, Table 1507.1.1

Design Pressure:	Fastener Pattern:	Fastener Spacing:
-100.5 PSF		24" O.C.
-151.75 PSF		12" O.C.

FL 12718.3 26 GA RIB PANEL OVER 15/32" PLYWOODS B-C 4 PLY

NON-HVHZ

36" Wide .0185" min. Grade 80 Metal - Rib Height: 3/4" tall - Fire Barrier: 1/4" Georgia Pacific "Dens Deck" or approved equal Corrosion Resistant Fastener #9-15 x1-1/2" Woodgrip w/sealing washer to penetrate 1/4" into plywood. - Plywood to supports at max. 24" O.C. Spacing. Side Laps: for slopes less than 3:12 lap sealant in side laps is required: one existing layers of shingles in reroofing. - Substrate: Use 15/32" B-C 4 Ply. slope 2:12 Install per Manufacturer's installation instructions - Underlayment: See FBC Section 1507, Table 1507.1.1

*(equivalent size OSB may be used)

Design Pressure:	Fastener Pattern:	Fastener Spacing:
-69.25 PSF	9" - 9" - 9" - 9"	24" O.C.
-146.0 PSF	6.5"- 2.5"- 6.5"- 2.5"- 6.5"- 2.5"- 6.5"- 2.5"	12" O.C.

FL 12718.4 29 GA RIB PANEL OVER 15/32" PLYWOODS B-C 4 PLY (non-structural)

NON-HVHZ

36" Wide .0145" min. Grade 80 Metal - Rib Height: 3/4" tall - Fire Barrier: 1/4" Georgia Pacific "Dens Deck" or approved equal Corrosion Resistant Fastener #9-15 x1-1/2" Woodgrip w/sealing washer to penetrate 1/4" into plywood. - Plywood to supports at max. 24" O.C. Spacing. Side Laps: for slopes less than 3:12 lap sealant in side laps is required: one existing layers of shingles in reroofing. - Substrate: Use 15/32" B-C 4 Ply. slope 2:12 Install per Manufacturer's installation instructions. - Underlayment: See FBC Section 1507, Table 1507.1.1

*(equivalent size OSB may be used)

Design Pressure:	Fastener Pattern:	Fastener Spacing:
-67.75 PSF	9" - 9" - 9" - 9"	24" O.C.
-146.0 PSF	6.5"- 2.5"- 6.5"- 2.5"- 6.5"- 2.5"- 6.5"- 2.5"	24" O.C.

Reference Data:

Force Engineering & Testing (TST-5328)
 Force Engineering & Testing (TST-1654)
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349-04931-08 TAS 125-03
 T27U10 TAS 100-85
 349-04931-08 TAS 125-03
 T123-07 TAS 100-85
 T123-G8 TAS 100-85
 349-04931-08 A, B TAS 125-03
 349-0354T-C16 B U580-06 / UL 1897-04
 349-04931-08 A UL 580-06 / UL 1897-04
 749-0340T-CJ9 A FM 4471-92

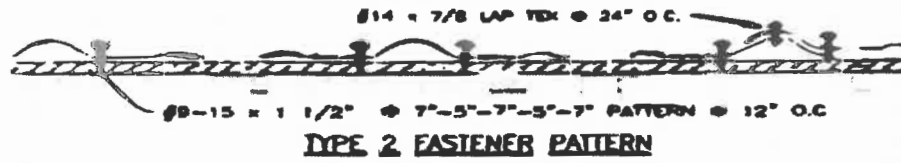
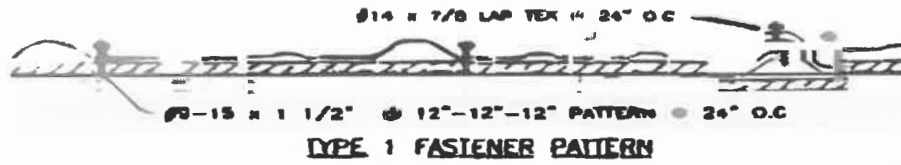
1. The UL 1897-12 test standard is equivalent to the UL 1897-15 test standard.
2. The TAS 100-95 test standard is equivalent to the TAS 100-2023 test standard.

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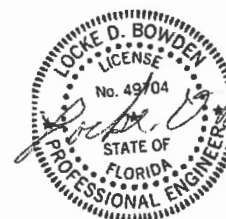


HVHZ INSTALL DETAILS 26GA PBR OVER 1X4'S AND 26GA PBR OVER PLYWOOD



ZONES	FASTENER	SUB-STRATE	WIND SPEED ZONE			
			120	130	140	150
			O.C.	O.C.	O.C.	O.C.
			SPACING	SPACING	SPACING	SPACING
ZONE 1	#9-15-1-1/2"	1x4 WOOD PURLINS	24"	24"	24"	24"
			TYPE 1	TYPE 1	TYPE 1	TYPE 1
ZONE 2	#9-15-1-1/2"	1x4 WOOD PURLINS	24"	24"	24"	24"
			TYPE 1	TYPE 1	TYPE 1	TYPE 1
ZONE 3	#9-15-1-1/2"	1x4 WOOD PURLINS	12"	12"	12"	12"
			TYPE 2	TYPE 2	TYPE 2	TYPE 2

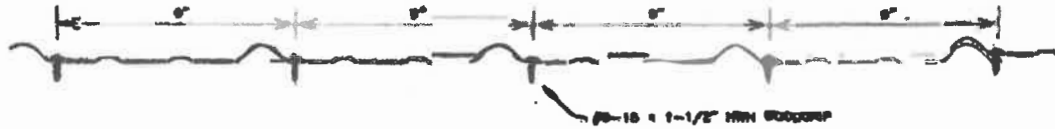
ZONE	FASTENER	SUBSTRATE	WIND SPEED ZONE			
			120	130	140	150
			O.C.	O.C.	O.C.	O.C.
			SPACING	SPACING	SPACING	SPACING
ZONE 1	#9-15-1-1/2"	16/32" CDX 19/32" CDX	24"	24"	24"	24"
			TYPE 1	TYPE 1	TYPE 1	TYPE 1
ZONE 2	#9-15-1-1/2"	16/32" CDX 19/32" CDX	12"	12"	12"	12"
			TYPE 2	TYPE 2	TYPE 2	TYPE 2
ZONE 3	#9-15-1-1/2"	16/32" CDX 19/32" CDX	12"	12"	12"	12"
			TYPE 2	TYPE 2	TYPE 2	TYPE 2



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NON HVHZ Install Details 26GA RIB AND 29GA RIB

FASTENER PATTERN TYPE A AT 24" O.C.



FASTENER PATTERN TYPE B AT 12" O.C.



ZONE	FASTENER	SUBSTRATE	WIND SPEED			
			110	120	130	140
			ON CENTER SPACING	ON CENTER SPACING	ON CENTER SPACING	ON CENTER SPACING
ZONE 1	#9-18	18/32" PLY	24" TYPE A	24" TYPE A	24" TYPE A	24" TYPE A
ZONE 2	#9-18	18/32" PLY	24" TYPE A	24" TYPE A	24" TYPE A	12" TYPE B
ZONE 3	#9-18	18/32" PLY	12" TYPE B	12" TYPE B	12" TYPE B	12" TYPE B

Limitations:

1. Underlayment to be compliance with current Florida Building Code (FBC)2023. see Chart 1507.
2. Minimum slope to be compliant with Florida Building Code 2023 and per with Manufacturer's installation reference.
3. Products are compliant with State of Florida product approval per Rule 61G20-3. Compliance Method: 1-D
4. Engineering analysis for "project specific approval by local authorities w/jurisdiction is allowed by other registered engineers.
5. Fire classification is not part of this acceptance. Shear diaphragm values are outside this report.
6. Support framing in compliance w/FBC 2023, Chapter 22 Steel, Chapter 23 Wood and Chapter 16 Structural Loading.
7. This report does not imply warranty, installation, recommended product use outside of this report.



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