

# Town of Abita Springs

Date: 4/19/24

**Type of Approval**

- Owner  
 Applicant

- Sign       Fence  
 Other: Shingle Roof

**APPLICATION FOR PERMIT TO:** *(Briefly describe project- Use separate paper if necessary)*

Remove and replace 2,108 SF of metal roofing system at Hickory House.

**APPLICANT NAME:** Michael Peck

Email: mpeck@usroof.com

Phone: (504) 717-8779

Address: 2000 Preserve Lake Dr. Covington, LA 70433

**OWNER (IF DIFFERENT FROM APPLICANT):** St. Jane De Chantal Church

Email: Rsimon@arch-no.com

Phone: \_\_\_\_\_

Address: 72040 Maple St. Abita Springs, LA 70421

**CONTRACTOR NAME & COMPANY:** US Roofing Systems LLC

Email: mpeck@usroof.com

Phone: (504) 717-8779

Address: 2000 Preserve Lake Dr. Covington, LA 70433

_____	_____	MDP	4/19/20
Signature of Owner	Date	Signature of Applicant	Date

----- **Do Not Write Below this Line** -----

**7 DAYS NOTICE REQUIRED BEFORE FINAL APPROVAL OF CONSTRUCTION. IF YOU BUILD IN THE HISTORIC DISTRICT APPROVAL MUST BE GIVEN BEFORE YOUR CERTIFICATE OF OCCUPANCY WILL BE ISSUED.**

**Commissioners Initial**

Ron Blitch \_\_\_\_\_

Otto Dinkelacker \_\_\_\_\_

Thad Mancil \_\_\_\_\_

Andre Monnot \_\_\_\_\_

Paul Vogt \_\_\_\_\_

**Review Date:** \_\_\_\_\_

**Approved:** \_\_\_\_\_

**Commissioner Assigned:** \_\_\_\_\_

**Work Completed as Presented:** \_\_\_\_\_

**Inspected on Date:** \_\_\_\_\_

# Town of Abita Springs

## SUBJECT PROPERTY

Street Address or Legal Description: 72052 Maple St. Abita Springs, LA 70420

Nearest Cross Streets: Main St., Hickory St. Lot Dimensions:

Work Begins: Estimated Completion Date:

## DETAILS ABOUT YOUR SIGN OR FENCE

### SIGNS

Location:  Permanent  Temporary Location:  On Building  Hanging

Size of Sign: Two-Sided Sign?  Yes  No

Sign Material: Post Material:

Height of Sign:

Describe Sign Lighting:

Notes:

### FENCE

Location:

Style: Height:

Material:

Type:  4' Picket  7' Privacy  6' Privacy with 2' Lattice

Set Back Requirements:

Notes:

### PAINT DETAILS

Details:

### OTHER

Give Details:

St Jane de Chantal Church,



Trinity Evangelical Lutheran Church



30 m

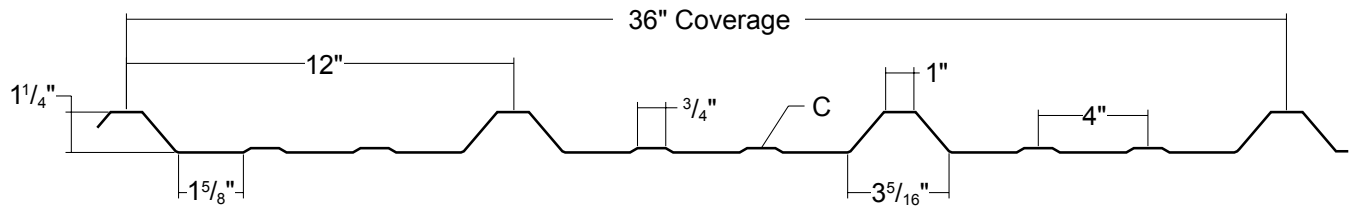






# PBR-PANEL

Condensed  
Technical  
Reference



COMMERCIAL  
INDUSTRIAL  
PANEL

EXPOSED  
FASTENED

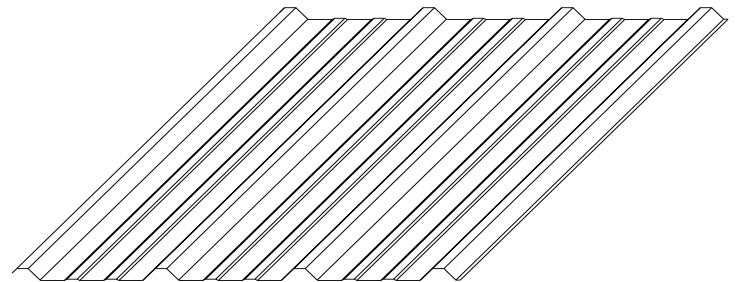
36"  
COVERAGE

MINIMUM  
SLOPE  
1:12

OPEN FRAMING OR  
SOLID SUBSTRATE

## PANEL OVERVIEW

- ▶ Finishes: PVDF, MS Colorfast45<sup>®</sup> and Acrylic-Coated Galvalume<sup>®</sup>
- ▶ Corrosion Protection: AZ55 per ASTM A 792 for unpainted Galvalume<sup>®</sup>  
AZ50 per ASTM A 792 for painted Galvalume<sup>®</sup>  
G90 per ASTM A 653 for Galvanized
- ▶ Gauges: 26 ga and 24 ga standard; 22 ga optional
- ▶ 36" panel coverage, 1 1/4" rib height
- ▶ Panel Length: Minimum: 5'; Maximum: 45' recommended
- ▶ Exposed fastened metal building roof and wall system
- ▶ Trapezoidal rib on 12" centers
- ▶ Minimum roof slope: 1:12
- ▶ Optional material availability: Bonderized



## TESTING AND APPROVALS

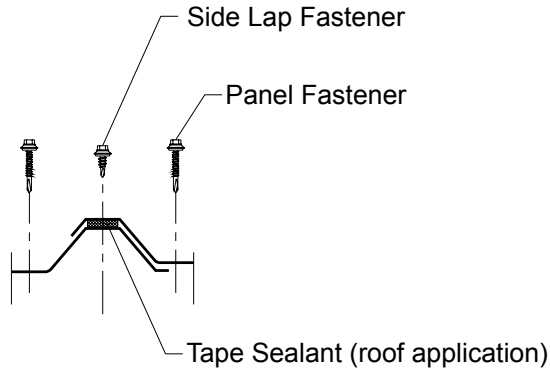
- ▶ UL 2218 Impact Resistance - Class 4
- ▶ UL 790 Fire Resistance Rating - Class A, per building code
- ▶ UL 263 Fire Resistance Rating - per assembly
- ▶ ASTM E 1592 Structural Performance
- ▶ UL 580 Uplift Resistance - Class 90 Construction: #161
- ▶ Texas Windstorm - Evaluations RC-198, RC-265 and RC-279
- ▶ 2017 FBC Approvals - FL9482.4, FL10999.7 and FL14645.13
- ▶ Miami-Dade County, Florida NOA 18-0131.04 - Wall expires 4/22/2020
- ▶ Miami-Dade County, Florida NOA 18-0131.05 - Roof expires 6/2/2020
- ▶ ICC Evaluation Report - ESR-2385

**ms metal sales**<sup>™</sup>  
manufacturing corporation

# PBR-PANEL

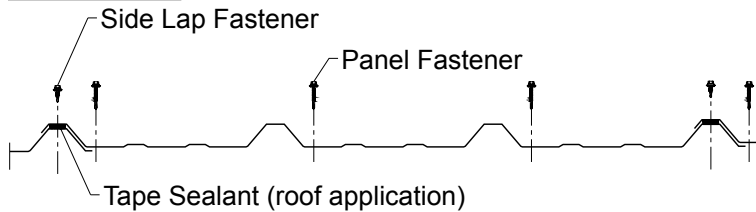
**Condensed  
Technical  
Reference**

## ATTACHMENT DETAIL

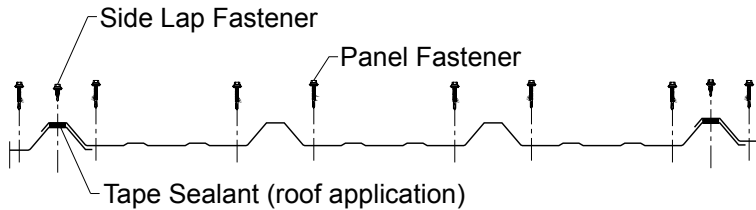


## FASTENING PATTERNS

### Field of Panel



### Ends of Panel



## FASTENER INFORMATION

Overdriven fasteners will cause panel distortions.

Fasteners should extend 1/2" or more past the inside face of the support material.

Thick panels (ex. 18 ga) or supports (ex. 1/2" steel) may require predrilling of holes for screws.

Panel Fastener:

Attaching to Wood:

#10-14 XL Wood Screw

Attaching to Steel:

#12-14 XL Self Drilling Screw

Side Lap Fastener:

1/4"-14 x 7/8" XL Stitch Screw

Trim Fastener:

1/4"-14 x 7/8" XL Stitch Screw

## SECTION PROPERTIES

## ALLOWABLE UNIFORM LIVE LOADS, psf For various fastener spacings

Ga	Width in	Yield ksi	Weight psf	Top in Compression		Bottom in Compression		Inward Load						Outward Load					
				I <sub>xx</sub> in <sup>4</sup> /ft	S <sub>xx</sub> in <sup>3</sup> /ft	I <sub>xx</sub> in <sup>4</sup> /ft	S <sub>xx</sub> in <sup>3</sup> /ft	2'	3'	4'	5'	6'	7'	2'	3'	4'	5'	6'	7'
26	36	80	0.84	0.0367	0.0367	0.0317	0.0458	261	129	76	49	35	23	223	107	62	40	28	21
24	36	50	1.09	0.0560	0.0579	0.0457	0.0613	330	153	88	57	39	29	314	145	83	53	37	27
22	36	50	1.43	0.0800	0.0860	0.0633	0.0816	453	207	118	76	53	39	474	217	124	80	55	41

- Theoretical section properties have been calculated per AISI 2016 'North American Specification for the Design of Cold-Formed Steel Structural Members'. I<sub>xx</sub> and S<sub>xx</sub> are effective section properties for deflection and bending.
- Allowable load is calculated in accordance with AISI 2016 specifications considering bending, shear, combined bending and shear and deflection. Allowable load considers the 3 or more equal spans condition. Allowable load does not address web crippling, fasteners, support material or load testing. Panel weight is not considered.
- Deflection consideration is limited by a maximum deflection ratio of L/180 of span.
- Allowable loads do not include a 1/3 stress increase for wind.

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