



Max Rib

The Max-Rib is a low-profile panel which can be used as a roofing or siding panel. This profile is used primarily in residential roofing, agricultural storage/maintenance facilities and light commercial/industrial buildings. Our most popular panel is produced in both 29 Gauge and 26 Gauge steel.

29
Gauge

26
Gauge

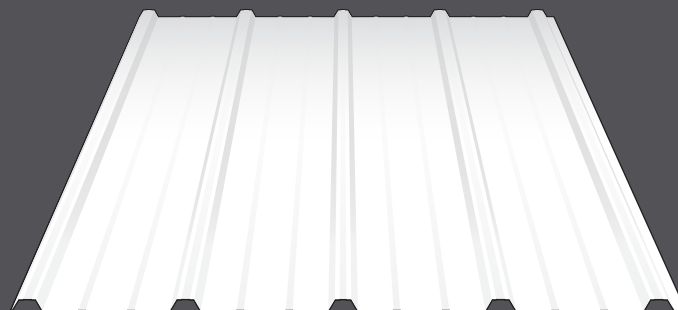
3/4"

RIB HEIGHT

RECOMMENDED

3:12

PITCH
AND ABOVE
PER IBC*



Manufactured with a Siphon Groove to minimize leaks and direct water down the panel.

Wide fastening surface for easy installation and defined panel ribs for clear screw placement.

Unique lap groove that hides the overlap providing a smooth, clean appearance.

29 GAUGE THICKNESS								
SPAN TYPE	LOAD TYPE	SUPPORT SPACING						
		2 Ft.	2.5 Ft.	3 Ft.	3.5 Ft.	4 Ft.	4.5 Ft.	5 Ft.
1-SPAN	NEGATIVE WIND LOAD	76.55	48.99	34.02	25.00	19.14	15.12	12.25
	LIVE LOAD/DEFLECTION - L/60	99.36	63.59	44.16	32.45	24.84	19.63	15.90
	LIVE LOAD/DEFLECTION - L/180	86.19	44.13	25.54	16.08	10.77	7.57	5.52
	LIVE LOAD/DEFLECTION - L/240	64.64	33.10	19.15	12.06	8.08	5.67	4.14
2-SPAN	NEGATIVE WIND LOAD	93.95	61.31	43.04	31.84	24.48	19.40	15.75
	LIVE LOAD/DEFLECTION - L/60	73.99	47.92	33.50	24.71	18.97	15.02	12.18
	LIVE LOAD/DEFLECTION - L/180	73.99	47.92	33.50	24.71	18.97	15.02	12.18
	LIVE LOAD/DEFLECTION - L/240	73.99	47.92	33.50	24.71	18.97	14.32	10.44
3-SPAN	NEGATIVE WIND LOAD	114.79	75.48	53.16	39.06	29.90	23.63	19.14
	LIVE LOAD/DEFLECTION - L/60	86.59	59.35	41.60	30.74	23.62	18.71	15.19
	LIVE LOAD/DEFLECTION - L/180	86.59	59.35	41.60	30.74	21.00	14.75	10.75
	LIVE LOAD/DEFLECTION - L/240	86.59	59.35	41.60	23.51	15.75	11.06	8.07
4-SPAN	NEGATIVE WIND LOAD	107.99	70.82	49.86	36.95	28.44	22.56	18.33
	LIVE LOAD/DEFLECTION - L/60	83.35	55.57	38.92	28.74	22.08	17.49	14.19
	LIVE LOAD/DEFLECTION - L/180	83.35	55.57	38.92	28.74	22.08	15.73	11.47
	LIVE LOAD/DEFLECTION - L/240	83.35	55.57	38.92	25.07	16.80	11.80	8.60

26 GAUGE THICKNESS								
SPAN TYPE	LOAD TYPE	SUPPORT SPACING						
		2 Ft.	2.5 Ft.	3 Ft.	3.5 Ft.	4 Ft.	4.5 Ft.	5 Ft.
1-SPAN	NEGATIVE WIND LOAD	110.60	70.79	34.02	36.12	27.65	21.85	17.70
	LIVE LOAD/DEFLECTION - L/60	142.30	91.07	44.16	46.46	35.57	28.11	22.77
	LIVE LOAD/DEFLECTION - L/180	120.15	61.52	25.54	22.42	15.02	10.55	7.69
	LIVE LOAD/DEFLECTION - L/240	90.11	46.14	19.15	16.81	11.26	7.91	5.77
2-SPAN	NEGATIVE WIND LOAD	133.88	87.51	43.04	45.51	35.01	27.76	22.54
	LIVE LOAD/DEFLECTION - L/60	106.51	69.08	33.50	35.66	27.38	21.68	17.59
	LIVE LOAD/DEFLECTION - L/180	106.51	69.08	33.50	35.66	27.38	21.68	17.59
	LIVE LOAD/DEFLECTION - L/240	106.51	69.08	33.50	35.66	27.38	19.84	14.46
3-SPAN	NEGATIVE WIND LOAD	163.28	107.59	53.16	56.39	43.20	34.14	27.65
	LIVE LOAD/DEFLECTION - L/60	131.06	85.45	41.60	44.34	34.09	27.01	21.92
	LIVE LOAD/DEFLECTION - L/180	131.06	85.45	41.60	43.78	29.33	20.60	15.02
	LIVE LOAD/DEFLECTION - L/240	131.06	85.45	41.60	32.83	22.00	15.45	11.26
4-SPAN	NEGATIVE WIND LOAD	153.71	101.00	49.86	52.79	40.67	32.27	26.22
	LIVE LOAD/DEFLECTION - L/60	123.00	80.05	38.92	41.46	31.86	25.24	20.48
	LIVE LOAD/DEFLECTION - L/180	123.00	80.05	38.92	41.46	31.20	21.91	15.98
	LIVE LOAD/DEFLECTION - L/240	123.00	80.05	38.92	34.93	23.40	16.44	11.98



Application Details

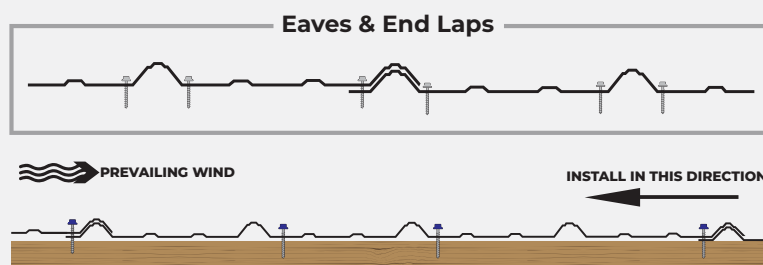
Fastener Guide:

#10 wood-binder screws are recommended for use in dimensional lumber, plywood sheathing and OSB (7/16" is the minimum thickness for the substrate)
#12 MTM Self-Drilling are designed to be used with structural steel up to 3/16" in thickness

Fastener Application:

Roof slopes 2/12 and under must use mastic tape between the panel side laps with stitch screws installed every 1' up the panel.

Screw Patterns:



Please Note: It is the responsibility of the builder to ensure that purlins are adequately spaced to meet specific engineering requirements.

SPECIFICATION

Available Gauges: **29 Gauge & 26 Gauge**

Steel Thickness: **0.0142" for 29g**
0.0185" for 26g

Paint System: **SHERWIN-WILLIAMS**
Coil Coatings **SMP** WeatherXL™

Warranty:

40 Year Lifetime Limited Paint
Adhesion
30 Year Chalk and Fade

Rust Protection Substrate:
Galvalume AZ50

Testing:

- UL 580 Uplift (Class 90)
- UL 2218 Class 4 Impact Resistance
- UL 790 Class A Fire Rating



Delta Metals is neither partially nor solely responsible for improper installation or defects as a result of improper installation.

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SHERWIN-WILLIAMS
Coil Coatings