

DELTA METALS

CUSTOM ROOF PANELS



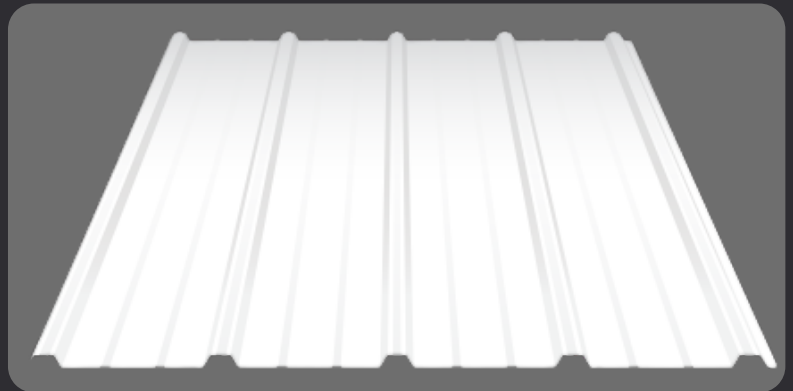
Max Rib

The Max-Rib is a low-profile panel which can be used in a roofing or siding application. This profile is used primarily in residential roofing, agricultural storage/maintenance facilities, and light commercial/industrial buildings. This 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*



9" Rib Spacing

0.75"

36" Coverage

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

SPECIFICATIONS

Available Gauges: **29 and 26 Gauge**

Testing:  **UL 790 Class A Fire Rated**
UL 2218 Impact Resistant
UL 580 Uplist (Class 90)

Steel Thickness: **29 G - .0142"**
26 G - .0185"

Paint System: **SHERWIN-WILLIAMS**
Coil Coatings **WeatherXL**
SMP/Kynar

Warranty: **40 Year Lifetime Limited**
Paint Adhesion
30 Year Chalk and Fade

Rust Protection Substrate:
Galvalume AZ50

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

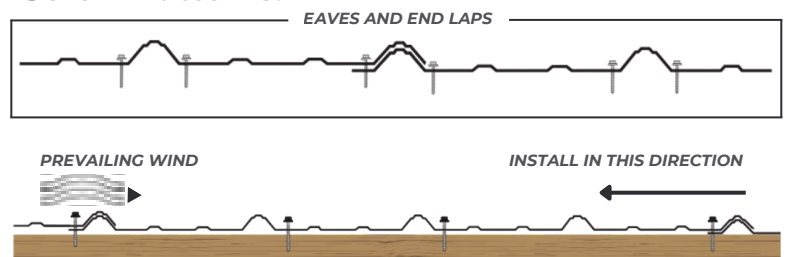
Fastener Guide:

- We Recommend using our
 - #10 Wood Binder screws with dimensional lumber, plywood sheathing, or OSB. (7/16" minimum thickness for decking materials.)
 - #12 MTM (Metal to Metal) self-tapping screws (to be used with structural steel up to 3/16" in thickness.)

Fastener Application:

- screws are to be applied next to every rib and then up the panel with no more than 3' between each screw.
- if the roof is less than a 2/12 pitch, we recommend using mastic tape between the panel side flaps with stitch screws applied every 1' up the panel. Additionally, a double screw pattern should be used at the eave or end laps with screws applied to both sides of the rib.

Screw Patterns:



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

1796 Hwy 50 Delta, CO 81416 (970) 874-7070



SHERWIN-WILLIAMS
Coil Coatings