

# MEGA -RIB

Mega-Rib is one of the most versatile metal wall and roof panels in the industry. While Mega-Rib was designed and engineered to meet the demands of the industrial environment, it also provides the aesthetics and design flexibility to be used in architectural applications.



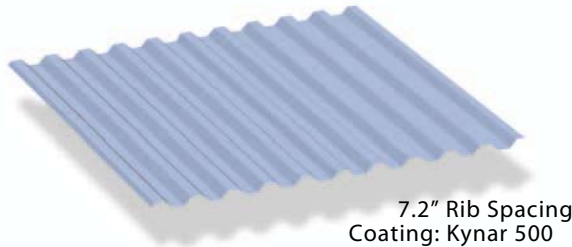
Mega-Rib is an excellent cladding for industrial applications.



Installed horizontally, Mega-Rib adds a distinctive elegance.

Mega-Rib features a Galvalume substrate and Kynar 500® coatings, which are proven to provide unsurpassed protection against panel chalk and fade.

With 7.2" rib spacing, Mega-Rib provides optimum strength and spanning capabilities.

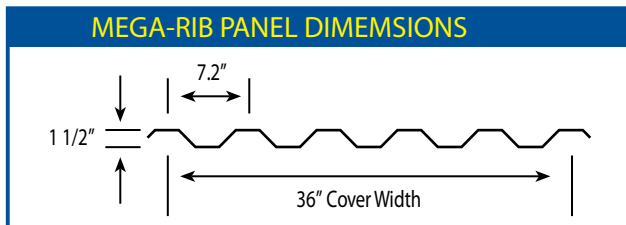


7.2" Rib Spacing  
Coating: Kynar 500

#### Testing Data:

UL580 Class 90 - Uplift Test  
ICCES Evaluation for 24 Gauge  
Florida State Approval

Const. #244  
ER-5896  
FL1832.8 & FL1747.5



#### MEGA-RIB SECTION PROPERTIES

SECTION PROPERTIES									
		TOP IN COMPRESSION			BOTTOM IN COMPRESSION				
Panel Gauge	Weight PSF	FY KSI	Ix IN.4	Se IN.3	Ma KIP IN.	Ix IN.4	Se IN.3	Ma KIP IN.	
29	0.75	80	.0533	.0600	2.1563	.0507	.0529	1.8990	
26	0.94	80	.0717	.0847	3.0400	.0700	.0772	2.7733	
26	0.94	50	.0733	.0871	2.6087	.0727	.0821	2.4590	
24	1.18	80	.0950	.1143	4.1067	.0953	.1094	3.9300	
24	1.18	50	.0970	.1179	3.5300	.0970	.1125	3.3700	

#### MEGA-RIB LOAD TABLE

		ALLOWABLE LOADS (PSF)*																	
		POSITIVE WIND LOAD						LIVE LOAD						DEFLECTION (IN)					
Ga.	FY KSI	3'	4'	5'	6'	7'	8'	3'	4'	5'	6'	7'	8'	3'	4'	5'	6'	7'	8'
29	80	132	85	59	43	33	25	74	55	44	37	29	23	74	55	44	37	25	16
26	80	220	135	91	65	48	37	122	91	73	60	45	34	122	91	73	60	34	22
26	50	199	120	80	57	42	32	102	76	61	51	40	31	102	76	61	51	35	23
24	80	337	199	130	91	68	52	203	152	122	88	65	50	203	152	122	72	45	30
24	50	294	172	113	79	58	45	169	127	101	76	56	43	169	127	101	74	46	31

#### Notes:

1. Loads are based upon 3 spans of equal lengths.
2. L/180 deflection is the load at which the deflection is limited to the span in inches divided by 180 or live load whichever is less.
3. Wind load is not increased by 33%.
4. Section properties and load tables are calculated in accordance with the 2001 North American Specification for the Design of Cold-formed Steel Structural Members.
5. See website for more comprehensive load table.

\* Oil canning is a natural occurrence in metal panels and is not a cause for panel rejection.



**MAKO  
STEEL, INC.**  
800-383-4932

WWW.MAKOSTEEL.COM • INFO@MAKOSTEEL.COM