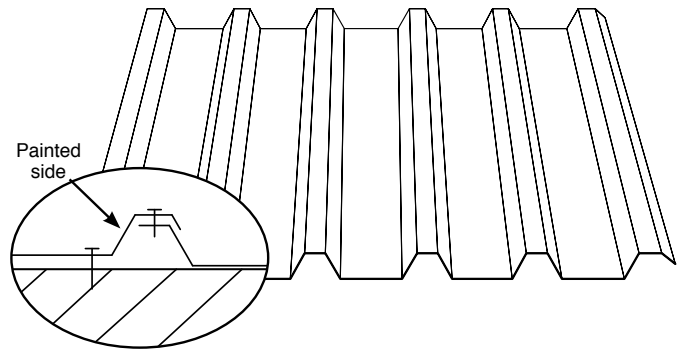


Featuring

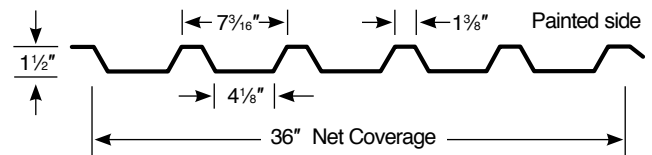
## Zincalume<sup>®</sup> For Twice the Life!

Zincalume combines the strength of steel with the corrosion resistance of aluminum for twice the life of most zinc coatings.

**Reversed Box Rib** is a through-fastened metal panel with 36" net coverage and is predominantly used for industrial and pre-engineered wall applications.



Reversed Box Rib (Typical Roof and Wall Panel)



### 36" Reversed Box Rib Wall Section Properties

Gauge	Base Steel Thickness (in)	Yield (ksi)	Tensile (ksi)	Wt. (lbs/ft <sup>2</sup> )	S+ (in <sup>3</sup> /ft)	I+ (in <sup>4</sup> /ft)	S- (in <sup>3</sup> /ft)	I- (in <sup>4</sup> /ft)
29	0.0139	80	82	0.7	0.0458	0.0627	0.0447	0.0463
26	0.0183	80	82	1.0	0.0719	0.0903	0.0702	0.0650

**NOTE:** The moments of inertia, I<sup>+</sup> and I<sup>-</sup>, presented for determining deflection are:  $(2I_{\text{Effective}} + I_{\text{Gross}})/3$

## features | benefits

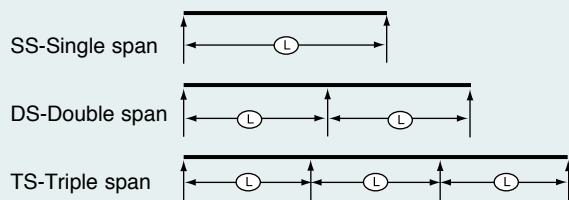
- Wider coverage means fewer panels to handle and install, saving time and money.
- Panel design provides superior load and span capacities which often allow savings in the structural support system.
- Quick, economical trim packages include standard trim pieces that can be ordered by number.
- High tensile steel panels in 26 gauge available in the *Cool DuraTech<sup>®nt</sup>* coating or unpainted Zincalume Plus.
- Exceptional value in high tensile steel 29 gauge panels coated with the ColorGuard<sup>™ xt</sup> coating system. Choose from Surf White, Desert Beige or Zincalume Plus for unpainted applications.
- Fiberglass panels available in matching profile.

36" Reversed Box Rib Wall										
Gauge	Span	Cond.	Allowable Load (lbs/ft²)							
			5-0	6-0	7-0	8-0	9-0	10-0	11-0	12-0
29	SS	f	43	30	22	17	13	10	9	7
		L/180	43	25	16	10	7	5	4	3
	DS	f	42	29	21	16	13	10	8	7
		L/180	42	29	21	16	13	10	8	6
	TS	f	53	37	27	20	16	13	11	9
		L/180	53	37	27	18	12	9	7	5
26	SS	f	63	43	32	24	19	15	13	10
		L/180	59	34	21	14	10	7	5	4
	DS	f	62	43	32	24	19	15	13	10
		L/180	62	43	32	24	19	15	11	9
	TS	f	78	54	40	30	24	19	16	13
		L/180	78	54	35	23	16	12	9	7

36" Reversed Box Rib Wall										
Gauge	Span	Cond.	Allowable Span (ft.-in.)						Allowable Load (psf)	
			10	20	25	30	40	50		
29	SS	f	10-5	7-4	6-7	6-0	5-2	4-8		
		L/180	8-2	6-5	6-0	5-8	5-1	4-8		
	DS	f	10-4	7-3	6-6	5-11	5-2	4-7		
		L/180	10-4	7-3	6-6	5-11	5-2	4-7		
	TS	f	11-2	8-8	7-7	6-7	5-6	5-5		
		L/180	9-9	7-9	7-2	6-8	5-9	5-2		
26	SS	f	12-6	8-10	7-11	7-3	6-3	5-7		
		L/180	9-0	7-2	6-8	6-3	5-8	5-3		
	DS	f	12-6	8-10	7-11	7-2	6-3	5-7		
		L/180	11-7	8-10	8-11	8-2	6-3	5-7		
	TS	f	14-2	9-10	8-9	8-8	7-7	6-6		
		L/180	10-8	8-5	7-10	7-4	6-8	6-2		

### LOADING TABLE LEGEND

f-Load limited by flexural bending stress  
 L-Span (Inches)  
 L/180-Load limited by a deflection of 1/180 of the span



### NOTES:

- Top values based on stress. Bottom values based on allowable deflection of L/180.
- Steel for 29 and 26 gauge conforms to ASTM A653 (Galvanized) or ASTM A792 (Zincalume) 80,000 psi minimum yield.
- Values are based on the American Iron and Steel Institute (AISI) "Cold Formed Steel Design Manual" (2007 Edition).

Specifications subject to change without notice.