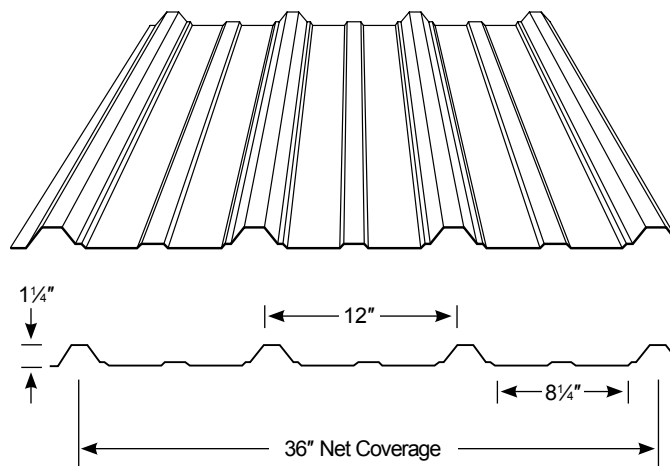


Featuring

## Zincalume® For Twice the Life!

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

Super-Span is an economical, structural, through-fastened roof or wall panel suitable for all-around general usage.



36" Super-Span Section Properties

Gauge	Base Steel Thickness (in)	Yield (ksi)	Tensile (ksi)	Wt. (lbs/ft <sup>2</sup> )	I+ (in <sup>4</sup> /ft)	S+ (in <sup>3</sup> /ft)	I- (in <sup>4</sup> /ft)	S- (in <sup>3</sup> /ft)
26	0.0183	80	82	0.9	0.0401	0.0370	0.0366	0.0453
24	0.0232	50	65	1.1	0.0598	0.0616	0.0509	0.0614
22	0.0294	50	65	1.4	0.0778	0.0829	0.0644	0.0781

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

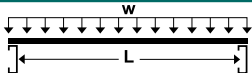
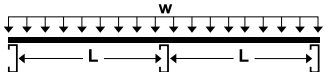
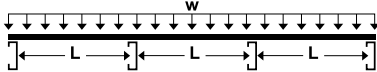
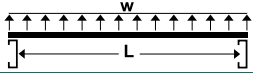
## features | benefits

- Super-Span has been tested in accordance with UL580 and meets UL Class 90 wind uplift test requirements.
- Structural spanning allows panel to be installed over solid substrates or spaced support members.
- Full-bearing sidelap rib provides consistent weather-resistant joint.
- Provides traditional metal roof or wall appearance with 1 1/4" high trapezoidal major ribs at 12" on center with one minor rib between each major rib.
- Tested for air infiltration per ASTM E1680, and water infiltration per ASTM E1646 (with field-applied sidelap sealant).
- Manufactured with high tensile steel for greater load capability.
- Matching trim packages are available in the same gauge and color as the roof panel.
- Fiberglass skylight panels are available in the matching profile.
- Can be installed on pitches as low as 1:12 with field applied mastic.
- Can be crimp curved to accommodate radiused applications.
- 26 gauge Super-Span available in a wide variety of standard colors in the Cool DuraTech®*nt* coating system.

### Oil Canning

All flat metal surfaces can display waviness commonly referred to as "oil canning". "Oil canning" is an inherent characteristic of steel products, not a defect, and therefore is not a cause for panel rejection.

36" Super-Span													
Gauge	Span	Cond.	Allowable Inward Loads (lbs/ft <sup>2</sup> ) per Span (ft.-in.)										
			3-0	3-5	4-0	4-5	5-0	5-5	6-0	6-5	7-0	7-5	8-0
26	SS	f	98	72	55	43	35	29	24	20	18	15	13
		L/180	-	-	54	38	28	21	16	12	10	8	6
	DS	f	120	88	67	53	43	35	30	25	22	19	16
		L/180	-	-	-	-	-	-	-	-	-	18	15
	TS	f	150	110	84	67	54	44	37	32	27	24	21
		L/180	-	-	-	66	48	36	27	21	17	14	11
24	SS	f	136	100	76	60	49	40	34	29	25	21	19
		L/180	-	-	-	57	41	31	24	19	15	12	10
	DS	f	136	100	76	60	49	40	34	29	25	21	19
		L/180	-	-	-	-	-	-	-	-	-	-	-
	TS	f	170	125	95	75	61	50	42	36	31	27	23
		L/180	-	-	-	-	-	-	38	30	24	19	16
22	SS	f	184	135	103	81	66	54	46	39	33	29	25
		L/180	-	-	-	74	54	40	31	24	19	16	13
	DS	f	173	127	97	77	62	51	43	36	31	27	24
		L/180	-	-	-	-	-	-	-	-	-	-	-
	TS	f	216	159	122	96	78	64	54	46	39	34	30
		L/180	-	-	-	-	-	63	49	38	30	25	20

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		
w - Distributed load		
Inward Loads	SS-Single span	
	DS-Double span	
	TS-Triple span	
Outward Loads		

#### NOTES:

- Top values based on allowable stress.  
Bottom values based on allowable deflection of L/180.
- "-" denotes that the allowable deflection is limited by the allowable flexural bending stress.
- Steel conforms to ASTM A792 (Zincalume) or ASTM A653 (Galvanized) 50,000 psi minimum yield for 24 gauge and 22 gauge and 80,000 psi minimum yield for 26 gauge.
- Values are based on the American Iron and Steel Institute (AISI) "Cold Formed Steel Design Manual" (2007 Edition).

Specifications subject to change without notice.