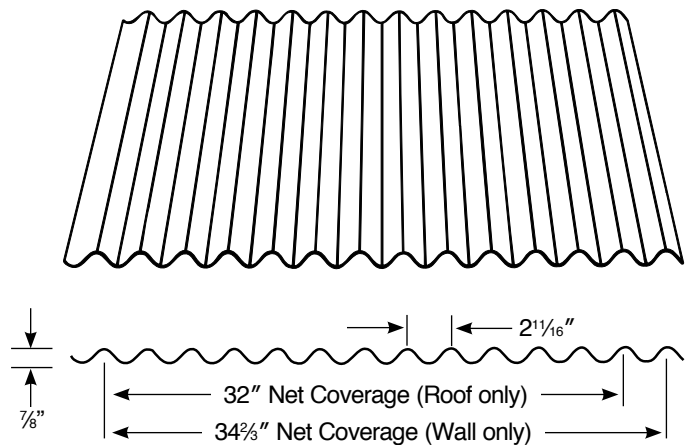


Featuring

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.

Nu-Wave Corrugated is a through-fastened metal panel with 7/8" deep corrugations. The panel has a 32" net coverage for roof applications and a 34 2/3" net coverage for wall applications.



32" Width Nu-Wave Corrugated Section Properties

Gauge	Base Steel Thickness (in)	Yield (ksi)	Tensile (ksi)	Wt. (lbs/ft ²)	S+ (in ³ /ft)	I+ (in ⁴ /ft)	S- (in ³ /ft)	I- (in ⁴ /ft)
26	0.0183	80	82	0.9	0.0544	0.0251	0.0522	0.0251
24	0.0232	50	65	1.2	0.0735	0.0334	0.0735	0.0334
22	0.0294	50	65	1.5	0.0923	0.0413	0.0923	0.0413
20	0.0354	40	55	1.8	0.1103	0.0488	0.1103	0.0488

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

features | benefits

- Deep corrugations provides bold aesthetic shadow effects.
- 20, 22, and 24 gauge are offered factory curved to save time and money on the job site, product arrives ready to install; also allows a variety of looks to meet the aesthetic needs of a project.
- Available in a variety of 22 and 24 gauge *Cool DuraTech®5000* (polyvinylidene flouride) or *DuraTech mx* (metallic polyvinylidene) colors. 26 gauge is available in the *Cool DuraTech®nt* coating system. 20 gauge panels require longer lead times. All gauges include Zincalume Plus as an unpainted option.
- High tensile-steel in 26 gauge.
- Quick, economical trim packages available as standard trim pieces that can be ordered by number.
- Strength of design allows longer spanning or greater allowable loads.
- Fiberglass skylight panels are available to match the profile of the metal panels.
- Has been tested for air infiltration per ASTM E1680, and water infiltration per ASTM E1646.
- Available perforated in 7.8%, 13.8% and 23.4% open area.

32" Width Nu-Wave Corrugated						
Gauge	Span	Cond.	Allowable Span (ft.-in.)			
			20	30	40	50
26	SS	f	8-0	6-7	5-8	5-1
		L/180	4-9	4-2	3-9	3-6
	DS	f	7-10	6-5	5-7	5-0
		L/180	6-4	5-7	5-1	4-8
	TS	f	8-9	7-7	6-6	5-6
		L/180	5-10	5-1	4-8	4-4
24	SS	f	8-6	6-11	6-0	5-5
		L/180	5-3	4-7	4-2	3-10
	DS	f	8-6	6-11	6-0	5-5
		L/180	7-0	6-1	5-6	5-2
	TS	f	9-10	7-8	6-7	6-6
		L/180	6-5	5-7	5-1	4-9
22	SS	f	9-7	7-10	6-9	6-0
		L/180	5-7	4-11	4-5	4-1
	DS	f	9-7	7-10	6-9	6-0
		L/180	7-6	6-7	5-11	5-6
	TS	f	10-11	8-9	7-8	6-7
		L/180	6-11	6-1	5-6	5-1
20	SS	f	9-4	7-8	6-7	5-11
		L/180	5-11	5-2	4-8	4-4
	DS	f	9-4	7-8	6-7	5-11
		L/180	8-0	7-0	6-4	5-10
	TS	f	10-11	8-9	7-7	6-7
		L/180	7-4	6-5	5-10	5-5

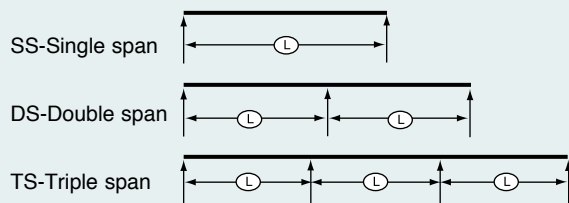
32" Width Nu-Wave Corrugated							
Gauge	Span	Cond.	Allowable Load (lbs/ft ²) Span (ft.-in.)				
			2-0	3-0	4-0	5-0	6-0
26	SS	f	326	145	81	52	36
		L/180	274	81	34	17	10
	DS	f	312	139	78	50	34
		L/180	312	139	78	42	24
	TS	f	391	173	97	62	43
		L/180	391	152	64	32	19
24	SS	f	367	163	91	58	40
		L/180	365	108	45	23	13
	DS	f	367	163	91	58	40
		L/180	367	163	91	55	32
	TS	f	459	204	114	73	51
		L/180	459	201	85	43	25
22	SS	f	461	205	115	73	51
		L/180	451	133	56	28	16
	DS	f	461	205	115	73	51
		L/180	461	205	115	69	39
	TS	f	577	256	144	92	64
		L/180	577	250	105	54	31
20	SS	f	441	196	110	70	49
		L/180	441	158	66	34	19
	DS	f	441	196	110	70	49
		L/180	441	196	110	70	47
	TS	f	551	245	137	88	61
		L/180	551	245	126	64	37

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:

- Steel conforms to ASTM A653 (Galvanized) or, ASTM A792 (Zincalume), 80,000 psi minimum yield for 26 gauge, 50,000 psi minimum yield for 24 gauge and 22 gauge and 40,000 psi minimum yield for 20 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.