



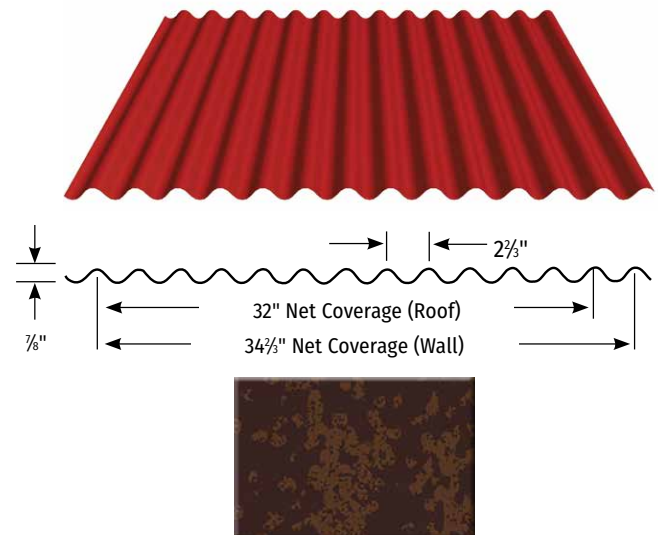
## Nu-Wave® Corrugated

STANDING BY OUR PRODUCTS  
AND WARRANTIES FOR OVER 50 YEARS

Nu-Wave Corrugated is a structural, through-fastened roof or wall panel suitable for all-around general usage.

### FEATURES AND BENEFITS

- The panel measures 36" out-to-out, with a 32" net coverage for roof applications and a 34 $\frac{2}{3}$ " net coverage for wall applications.
- Roof Installation: Minimum 3:12 roof slope.  
Wall Installation: Horizontal or Vertical.
- Gauges: 26ga in Dura Tech™ *nt* and Natural Rust, 24ga and 22ga in Dura Tech™ 5000. 20ga available in ZINCALUME® Plus.
- Limited Lifetime Warranty for residential applications.
- Custom manufactured panel lengths: 6'-0" to 50'-0".
- Roof assemblies Class A Fire Rated when installed on non-combustible deck or framing per IBC, IRC or when installed in accordance to UL listings (UL790). Wall assemblies rated for fire resistance (UL263) when installed in accordance with UL listings.
- Class 4 Impact (Hail) Resistance rated per UL 2218.
- Panel evaluated by accredited third party. All structural performance data is contained within Building Code Approval Report: IAPMO-UES #ER-0550.



Now available in Natural Rust<sup>†</sup>  
26 Gauge

<sup>†</sup> Please note these colors are batch sensitive (may have color variation) and are directional in nature. Different batches are not to be mixed on projects. We recommend that you request a sample of current stocked material to review actual color before ordering to ensure color accuracy. We are not responsible for color variations.



## Protect What's Important with Metal Roofing and Siding from ASC Building Products

### LOAD TABLE

Gauge	Span	Cond.	Positive (Inward) Uniform Load Capacity (lbs/ft²) / Span (ft.-in.)									
			2'-0"	2'-6"	3'-0"	3'-6"	4'-0"	5'-0"	5'-0"	7'-0"	8'-0"	
26	Single Span	ASD, W/Q	347	222	154	113	87	55	39	28	22	
		L/180	280	143	83	52	35	18	10	7	4	
	Double Span	ASD, W/Q	334	217	151	111	85	55	38	28	21	
		L/180	-	-	-	-	84	43	25	16	11	
	Triple Span	ASD, W/Q	411	268	188	138	106	69	47	35	27	
		L/180	-	-	156	99	66	34	20	12	8	
24	Single Span	ASD, W/Q	384	246	171	125	96	61	43	31	24	
		L/180	378	194	112	71	47	24	14	9	6	
	Double Span	ASD, W/Q	370	239	167	123	95	60	42	31	23	
		L/180	-	-	-	-	-	58	34	21	14	
	Triple Span	ASD, W/Q	455	297	208	154	118	75	52	39	30	
		L/180	-	-	-	133	89	46	26	17	11	
22	Single Span	ASD, W/Q	481	308	214	157	120	77	53	39	30	
		L/180	454	232	134	85	57	29	17	11	7	
	Double Span	ASD, W/Q	463	300	210	154	119	76	53	39	29	
		L/180	-	-	-	-	-	70	40	25	17	
	Triple Span	ASD, W/Q	571	371	261	193	148	95	65	48	37	
		L/180	-	-	254	160	107	55	32	20	13	
20	Single Span	ASD, W/Q	459	294	204	150	115	73	51	37	29	
		L/180	-	290	168	106	71	36	21	13	9	
	Double Span	ASD, W/Q	442	286	201	148	114	72	50	37	28	
		L/180	-	-	-	-	-	-	-	32	21	
	Triple Span	ASD, W/Q	544	354	248	184	141	91	63	46	35	
		L/180	-	-	-	-	134	69	40	25	17	

#### NOTES:

Top values based on allowable stress (ASD). Bottom values based on a deflection limit of L/180.

"-" denotes that the allowable load is limited by the panel stress vs. deflection limit.

Steel conforms to ASTM A653 (Galvanized) or ASTM A792 (ZINCALUME) structural steel.

Tabulated values are for positive (inward) uniform loading only.

Values are based on the American Iron and Steel Institute "Cold Formed Steel Design Manual" (AISI S100-12).

Refer to ascgb.com for more complete Nu-Wave Corrugated performance data.

Section Properties								
Gauge	Base Steel Thickness (in)	Yield (ksi)	Tensile (ksi)	Wt. (lbs/ft²)	I+ (in⁴/ft)	S+ (in³/ft)	I- (in⁴/ft)	S- (in³/ft)
26	0.0173	80	82	0.94	0.0256	0.0579	0.0256	0.0579
24	0.0232	50	65	1.25	0.0346	0.0769	0.0346	0.0769
22	0.0294	50	65	1.59	0.0415	0.0964	0.0415	0.0964
20	0.0354	40	55	1.91	0.0519	0.1150	0.0519	0.1150

NOTES: The moments of inertia, I+ and I-, presented for determining deflection are:  $(2I_{\text{effective}} + I_{\text{cross}})/3$

Inward Loads	Single Span	
	Double Span	
	Triple Span	



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