

# 2 1/2" Corrugated



*~Limited~  
Lifetime  
Warranty  
DURA TECH xl*

# 2 1/2" Corrugated

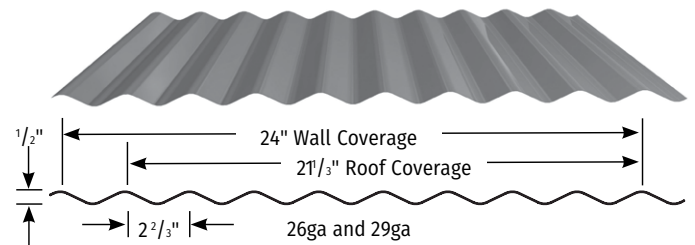
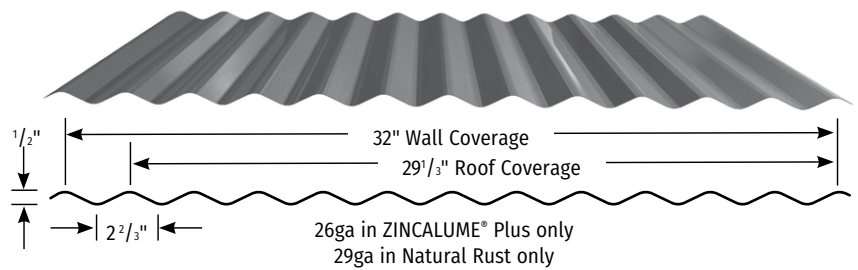
STANDING BY OUR PRODUCTS  
AND WARRANTIES FOR OVER 50 YEARS

*2 1/2" Corrugated is a light gauge, exposed fastener panel ideal for light-commercial, residential roof and walls, agricultural roof, and soffit applications. This versatile panel is a top choice for project designs ranging from country to modern.*

### FEATURES AND BENEFITS

- The expanded 32" panel coverage, offers faster installation with less panels and sidelaps. Available in 26ga ZINCALUME® Plus and 29ga Natural Rust.
- With an extended lead time and minimum order requirements, 32" profile available in 22ga and 24ga in our premium Dura Tech™ 5000 paint system. Please contact your Sales Representative for availability and pricing.
- 24" panel coverage available in 26ga and 29ga in our Dura Tech™ xl paint system.
- Limited lifetime warranty available on residential applications.
- Matching polycarbonate skylight panels are available.
- Economical standard and custom trim packages available with every order.
- 2 1/2" Corrugated panel assemblies are Class A Fire Rated when installed on non-combustible deck or framing per IBC, IRC, or UL790 when installed in accordance to UL listings.
- Building Code Approval Report: #ER-0550.

### EXPANDED COVERAGE



### Customer Service Centers

Salem, OR: 503-390-7174 or 800-272-7023 | Spokane, WA: 509-536-4097 or 800-776-8771

[www.ascbp.com](http://www.ascbp.com)

# 2 1/2" Corrugated



## Cool DURA TECH XL

**COOL Dura Tech™ xl keeps the heat out and the color brilliant.**

- Superior color retention and resistance to chalk and fade.
- Dura Tech xl energy saving **COOL** colors reduce the demand for energy.

### Color Availability for 2 1/2" Corrugated (24" Coverage only)<sup>1</sup>



<sup>1</sup>NOTE: 2 1/2" Corrugated (32" Coverage) is only available in 26ga ZINCALUME® Plus and 29ga Natural Rust.

### Product Availability by Gauge and Location

Location	Sacramento California	Salem Oregon	Spokane Washington	Anchorage Alaska
Gauge	29 & 26	29 & 26	29 & 26	29 & 26

Manufactured out of Sacramento, CA. Additional lead times apply on products supplied to other facilities.

† 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.

### REPRESENTATION OF COLORS MAY VARY DUE TO PRINTING LIMITATIONS.

Sample color chips are available upon request. Consult your ASC Building Products representative for more information. Color inventory may vary by manufacturing facility and gauge. Please inquire with customer service for availability.

**ASC Building Products' Roofing and Siding is the Building Choice You Can Make with Confidence.**

## LOAD TABLE

### 2 1/2" Corrugated (32" Coverage)

Gauge	Span	Cond.	Positive (Inward) Uniform Load Capacity (lbs/ft²) / Span (ft.-in.)									
			16"	2'-0"	2'-6"	3'-0"	3'-6"	4'-0"	4'-6"	5'-0"	6'-0"	
26	Single Span	ASD, W/Ω	355	157	101	70	51	39	31	25	17	
		L/180	251	74	38	22	14	9	6	5	3	
	Double Span	ASD, W/Ω	347	156	100	69	50	39	30	25	17	
		L/180	-	-	91	53	33	22	16	11	7	
	Triple Span	ASD, W/Ω	430	193	125	86	63	49	38	31	22	
		L/180	-	139	71	41	26	17	12	9	5	

### 2 1/2" Corrugated (24" Coverage)

Gauge	Span	Cond.	Positive (Inward) Uniform Load Capacity (lbs/ft²) / Span (ft.-in.)									
			16"	2'-0"	2'-6"	3'-0"	3'-6"	4'-0"	4'-6"	5'-0"	6'-0"	
29	Single Span	ASD, W/Ω	283	125	80	56	41	31	25	20	14	
		L/180	204	60	31	18	11	8	5	4	2	
	Double Span	ASD, W/Ω	274	123	79	55	40	31	24	19	13	
		L/180	-	-	74	43	27	18	13	9	5	
	Triple Span	ASD, W/Ω	338	153	98	68	51	39	31	24	17	
		L/180	-	113	58	34	21	14	10	7	4	
26	Single Span	ASD, W/Ω	364	161	103	71	52	40	32	26	18	
		L/180	260	76	39	23	14	10	7	5	3	
	Double Span	ASD, W/Ω	355	158	101	70	52	39	31	25	17	
		L/180	-	-	94	55	34	23	16	12	7	
	Triple Span	ASD, W/Ω	440	198	127	88	65	50	39	31	22	
		L/180	-	144	74	43	27	18	13	9	5	

#### 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 ascbp.com for more complete 2 1/2" Corrugated performance data.

### 2 1/2" Corrugated (32" Coverage)

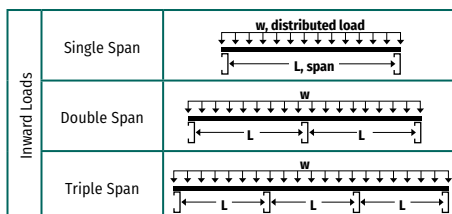
2 1/2" Corrugated (32" Coverage) Section Properties								
Gauge	Base Steel Thickness (in)	Yield (ksi)	Tensile (ksi)	Wt. (lbs/ft²)	I+ (in⁴/ft)	S+ (in³/ft)	I- (in⁴/ft)	S- (in³/ft)
26	0.0173	80	82	0.83	0.0068	0.0263	0.0068	0.0263

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

### 2 1/2" Corrugated (24" Coverage)

2 1/2" Corrugated (24" Coverage) 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)
29	0.0139	80	82	0.67	0.0055	0.0209	0.0055	0.0209
26	0.0173	80	82	0.83	0.0070	0.0269	0.0070	0.0269

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



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