



~Limited~
Lifetime
Warranty
DURA TECH xl

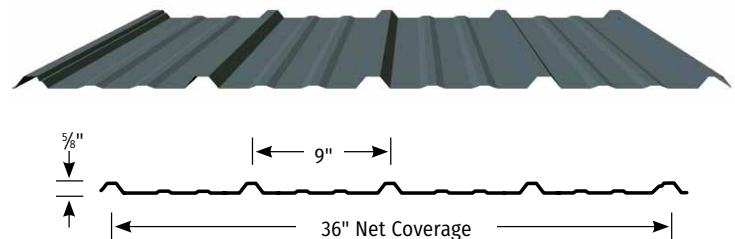
Nor-Clad

STANDING BY OUR PRODUCTS
AND WARRANTIES FOR 50 YEARS

Nor-Clad is a light gauge, exposed fastened 36" wide panel used for roof or wall applications in residential, light-commercial and agricultural projects.

FEATURES AND BENEFITS

- 36" coverage roof and wall panel.
- Roof Installation: Minimum 3:12 recommended.
Wall Installation: Horizontal or Vertical.
- 26 and 29ga in Dura Tech™ xl, ColorGuard 25 and in ZINCALUME® Plus.
- Limited Lifetime Warranty for residential applications.
- Custom manufactured panel lengths: 4'-6" to 45'-0".
- Matching polycarbonate panels available.
- Roof assemblies Class A Fire Rated when installed on non-combustible deck or framing per IBC or 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.



SMP COLORS	Dura Tech™ xl		ColorGuard 25
	29 Gauge	26 Gauge	29 Gauge
ZINCALUME® Plus	AK, CA, OR, WA	CA, OR	AK, CA, OR, WA
Winter White	AK, CA, OR, WA	CA, OR	OR, WA
Surf White	OR, WA	—	—
Light Stone	AK	—	CA, OR, WA
Desert Beige	AK, CA, OR, WA	—	OR, WA
Cascade Gray	OR	—	—
Taupe	CA, OR, WA	—	—
Patina Steel	CA, OR, WA	—	—
Chestnut Brown	AK, CA, OR, WA	—	OR, WA
Classic Brown	AK, CA, OR, WA	—	—
Matte Black	AK, CA, OR, WA	—	—
Canyon Red	AK, CA, OR, WA	—	—
Rustic Red	AK, CA, OR, WA	—	OR, WA
Old Town Gray	AK, CA, OR, WA	—	OR, WA
Old Zinc Gray	AK, CA, OR, WA	—	—
Weathered Copper	AK, CA, OR, WA	CA, OR	—
Slate Gray	AK, CA, OR, WA	—	—
Tahoe Blue	AK, CA, OR, WA	OR	—
Everglade	AK, CA, OR, WA	—	—
Denali Green	AK, CA, OR, WA	CA, OR	OR, WA
Forest Green	AK, CA, OR, WA	—	OR, WA
Copper Penny*	AK, CA, OR, WA	—	—
Premium Color – Natural Rust* (subject to upcharge)	AK, WA	—	AK, WA

Cool DURA TECH XL

Keeps the heat out and the color brilliant.

- Superior color retention
- Chalk and fade resistant
- Energy saving colors.



A robust and economical paint system.

- Chalk and fade resistant
- Resist peeling or cracking for 25 years.



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.

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.

Manufacturing Locations:
 AK - Anchorage, Alaska
 CA - Sacramento, California
 OR - Salem, Oregon
 WA - Spokane, Washington

LOAD TABLE

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	199	88	56	39	29	22	17	14	10	
		L/180	-	87	45	26	16	11	8	6	3	
	Double Span	ASD, W/Ω	196	88	57	39	28	22	17	13	9	
		L/180	-	-	-	-	-	-	-	-	8	
Triple Span	ASD, W/Ω	243	110	70	49	36	27	21	18	12		
	L/180	-	-	-	49	31	21	14	11	6		
26	Single Span	ASD, W/Ω	264	117	75	52	38	29	23	19	13	
		L/180	-	109	56	32	20	14	10	7	4	
	Double Span	ASD, W/Ω	248	111	71	50	36	28	22	17	12	
		L/180	-	-	-	-	-	-	-	17	10	
	Triple Span	ASD, W/Ω	307	138	89	61	45	34	27	22	15	
		L/180	-	-	-	61	38	26	18	13	8	

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 S100-16).

Refer to ascbp.com for more complete Nor-Clad performance data.

Gauge	Properties							
	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	0.65	0.0080	0.0147	0.0064	0.0149
26	0.0173	80	82	0.81	0.0100	0.0195	0.0098	0.0188

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

