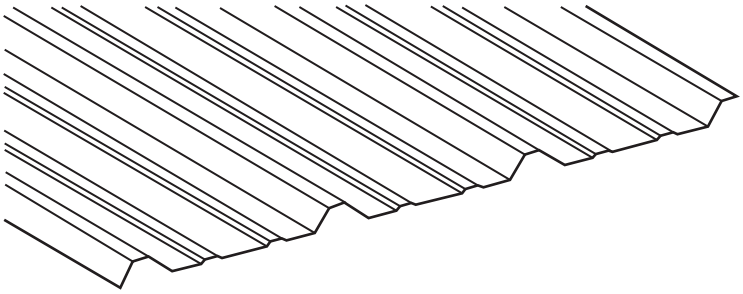
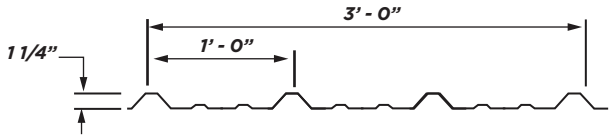
ROOFING & SIDE PANELS: **BETCO 236R**



PANEL LAP



BETCO 236R Roofing and Siding Panels:

- Available in a variety of colors over 26 gauge Galvalume®, depending on availability (high durability finish with a 40 year warranty) or bare Galvalume® with 20 year warranty.
- Optional 29 gauge Galvalume® pre-painted (high durability finish with a 40 year warranty) or Bare Galvalume® (20 yr. warranty)
- 36" coverage panel.
- 1-1/4" deep ribs 12" on center.
- Nestable for efficient shipping and handling.
- Cut to length.
- Color-matched fasteners.
- Compatible trim and accessories available.
- Panel used for commercial and industrial buildings for your roofing applications as well as store fronts, mansards, or fascias.
- Purlin-bearing rib offers added weather-tightness and strength for roof.

SECTION PROPERTIES

GA	Thickness (in.)	FY. (KSI)	WT (PSF)	PANEL TOP IN COMPRESSION		PANEL BOTTOM IN COMPRESSION	
				Ix in ^{4}/ft	Sx in ^{3}/ft	Ix in ^{4}/ft	Sx in ^{3}/ft
26	0.019	80	0.92	0.0400	0.0411	0.0330	0.0487
29	0.0142	80	0.69	0.0263	0.0262	0.0233	0.0359

ALLOWABLE UNIFORM LOADS - PSF

GA	SPAN (ft)													
	LIVE LOAD (STRESS)							LIVE LOAD (STRESS)						
	4	4-1/2	5	5-1/2	6	6-1/2	7	4	4-1/2	5	5-1/2	6	6-1/2	7
26	81	64	52	43	37	31	27	107.4	75.4	55.0	41.3	31.8	25.0	20.0
29	50.2	44	36	30	26	22	19	55	44	36	30	24	18	15

WIND UPLIFT (STRESS)								WIND UPLIFT DEFLECTION (L/90)						
26	72	58	47	39	33	28	24	72	58	47	39	33	28	24
29	42	34	28	23	19	16	14	42	34	28	23	19	16	14

1. AU calculations for properties of panels are calculated in accordance with the North American Specification for the Design of Cold-Formed Steel Structural members -2007 Edition.
2. Values shown as allowable loads are based on panel covering 3 equal spans. Multiply toad values by 0.85 for two span condition. Deduct panel weight for calculating superimposed uniform load. Values denote allowable loads limited by bending+ shear or deflection.
3. Minimum steel yield strength is 80,000 psi conforming to ASTM A792 Galvalume SS Gr. 80.
4. Minimum bearing length of 2".