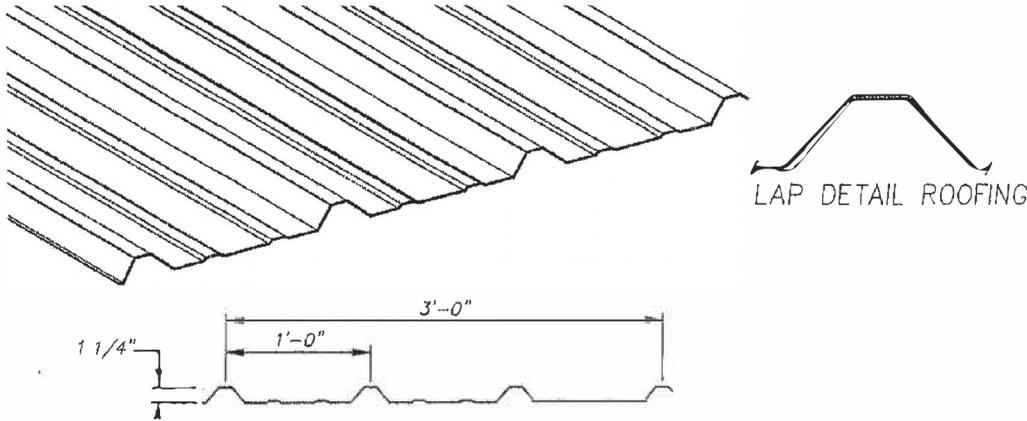




ROOFING & SIDE PANELS: BETCO 236R



BETCO 236R Roofing and Siding Panels:

- Available in a variety of colors over 26 gauge Galvalume or Galvanized, depending on availability (high durability finish with a 40 year warranty) or bare Galvalume with 20 year warranty.
- Optional 29 gauge Galvanized 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						
				lx in ⁴ /ft		Sx in ³ /ft		lx in ⁴ /ft		Sx in ³ /ft				
26	0.019	80	0.923	0.0417		0.0432		0.0330		0.0487				
29	0.0142	80	0.691	0.0263		0.0262		0.0233		0.0359				
ALLOWABLE UNIFORM LOADS - PSF														
GA	SPAN (ft)													
	LIVE LOAD (STRESS)							LIVE LOAD (L/180)						
	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	75.1	59.6	48.4	40.1	33.7	28.8	24.9	75.1	59.6	48.4	40.1	33.7	28.8	24.9
29	50.1	39.9	32.5	27.0	22.7	19.4	16.8	67.9	47.7	34.7	26.1	20.1	15.8	12.7
WIND UPLIFT (STRESS)								WIND UPLIFT DEFLECTION (L/180)						
26	65.5	51.9	42.2	34.9	29.4	25.0	21.6	85.0	59.7	43.5	32.7	25.2	19.8	15.9
29	43.0	34.2	27.8	23.0	19.4	16.6	14.3	60.1	42.2	30.8	23.1	17.8	14.0	11.2

1. All calculations for properties of panels are calculated in accordance with the North American Specification for the Design of Cold-Formed Steel Structural members -2016 Edition.
2. Values shown as allowable loads are based on panel covering 3 equal spans. Multiply load 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 or ASTM A653 Galvanized SS Gr. 80.
4. Minimum bearing length of 2".