# BETCO

THE PREMIUM PANEL: BETCO 136

For agricultural, commercial or residential buildings, BETCO 136 panel is the only choice for your roofing and siding applications. Our panel is manufactured for high performance.

Constructed of durable, corrosion resistant, galvanized steel, it is especially designed to resist abuse with minimum deflection and can withstand harsh, changing weather conditions-from hot desert climates to cold sub-Arctic temperatures.

TRIPLE ANTI-SIPHON DRAIN PROFILE

3/4"   9" SPAN   36" OVERALL COVERAGE
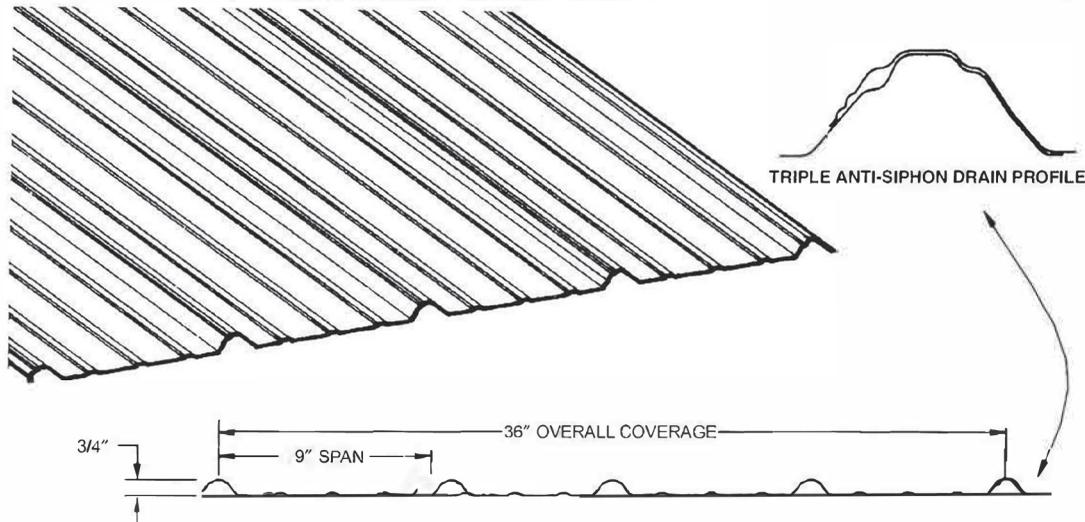
FEATURES:

- 36" coverage width allows for 30% fewer side laps.
- Triple anti-siphon drain profile prevents threat of leakage and wind-blown rain.
- Four 3/4" main ribs and three secondary ribs support the panel profile with unsurpassed structural strength and architectural appeal.
- Panels are available in 29 gauge Galvanized Steel, and PREPAINTED GALVANIZED with 40 year warranty.
- Cut-to-your-length panels eliminates end laps.
- Steel minimum yield strength is 80,000 psi - Structural Steel Grade 80.
- COMPLETE LINE OF TRIMS AND FASTENERS COMPLIMENTS THE BETCO 136 PANEL.

SECTION PROPERTIES						
GA	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
29	80	0.673	0.01	0.017	0.0057	0.014

ALLOWABLE UNIFORM LOADS - PSF														
GA	SPAN (ft)												
	LIVE LOAD (STRESS)							LIVE LOAD (L/180)						
	2'-0"	2'-6"	3'-0"	3'-6"	4'-0"	4'-6"	5'-0"	2'-0"	2'-6"	3'-0"	3'-6"	4'-0"	4'-6"	5'-0"
29	95.2	61.6	43	31.7	24.3	19.3	15.6	206.2	105.6	61.1	38.5	25.8	18.1	13.2

	WIND UPLIFT (STRESS)							WIND UPLIFT DEFLECTION (L/180)						
29	105.9	67.8	47.1	34.6	26.5	20.9	16.9	116.8	59.8	34.6	21.8	14.6	10.3	7.5

1. Section properties and allowable stresses are calculated in accordance with the North American Specification for the Design of Cold Formed Steel Structural Members - 2016 Edition
2. Steel minimum yield strength is 80 KSI conforming to ASTM A792 SS or A653 SS Gr. 80.
3. Values shown as allowable loads are based on panel covering 3 equal continuous spans. Multiply by 0.85 for 2 span.
4. Deduct panel weight for calculating superimposed uniform load.