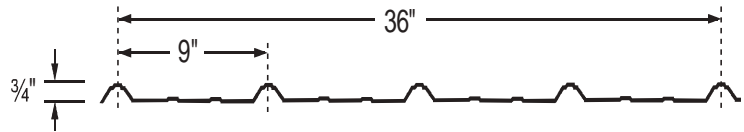
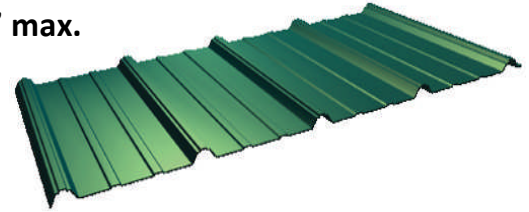


# Premier AG Panel

(Exposed Fastener Roof & Wall Panel)

- Available in 29 or 26 gauge grade 80 galvalume based steel
- Valspar SMP paint finish w/40 year warranty
- 38" wide panel with 36" coverage
- 3/4" overall thickness, 5 ribs @ 9" o.c. and 2 minor ribs in-between
- Lengths available in 1" increments, 2'-0" min. up to 40'-0" max.
- Weight per lineal foot, 29ga. 2.28 lbs., 26ga. 3.08 lbs.
- Max skid weight is 2000 lbs. (29ga. 877 lf., 26ga. 650 lf.)



### SECTION PROPERTIES

PANEL GAUGE	Fy (KSI)	WEIGHT (PSF)	NEGATIVE BENDING			POSITIVE BENDING		
			Ixe (IN.4/FT.)	Sxe (IN.3/FT.)	Maxo (KIP-IN.)	Ixe (IN.4/FT.)	Sxe (IN.3/FT.)	Maxo (KIP-IN.)
29	60*	0.63	0.0061	0.0173	0.6213	0.0102	0.0157	0.5651
26	60*	0.82	0.0083	0.0248	0.8919	0.0131	0.0205	0.7345

\* Fy is 80 ksi reduced to 60 ksi in accordance with the 2001 edition of the *North American Specification For Design of Cold-Formed Steel Structural Members*

**NOTES:**

1. All calculations for the properties of Premier AG panel are calculated in accordance with the 2001 edition of the *North American Specification For Design of Cold-Formed Steel Structural Members*.
2. Ixe is for deflection determination.
3. Sxe is for Bending.
4. Maxo is allowable bending moment.
5. All values are for the one foot of panel width.

29 Gauge (Fy = 60ksi)		ALLOWABLE UNIFORM LOADS IN POUNDS PER SQUARE FOOT						
SPAN TYPE	LOAD TYPE	SPAN IN FEET						
		2.0	2.5	3.0	3.5	4.0	4.5	5.0
SINGLE	Negative Wind Load	103.6	66.3	46.0	33.8	25.9	20.5	16.6
	Live Load/Deflection	94.2	57.1	33.0	20.8	13.9	9.8	7.1
2 SPAN	Negative Wind Load	94.2	60.3	41.9	30.8	23.5	18.6	15.1
	Live Load/Deflection	90.6	58.8	41.1	30.4	23.3	18.5	15.0
3 SPAN	Negative Wind Load	117.7	75.3	52.3	38.4	29.4	23.3	18.8
	Live Load/Deflection	111.5	72.7	51.0	37.7	26.3	18.5	13.5
4 SPAN	Negative Wind Load	109.9	70.4	48.9	35.9	27.5	21.7	17.6
	Live Load/Deflection	104.7	68.1	47.8	35.3	27.1	19.6	14.3

26 Gauge (Fy = 60ksi)		ALLOWABLE UNIFORM LOADS IN POUNDS PER SQUARE FOOT						
SPAN TYPE	LOAD TYPE	SPAN IN FEET						
		2.0	2.5	3.0	3.5	4.0	4.5	5.0
SINGLE	Negative Wind Load	148.7	95.1	66.1	48.5	37.2	29.4	23.8
	Live Load/Deflection	122.4	73.3	42.4	26.7	17.9	12.6	9.2
2 SPAN	Negative Wind Load	122.4	78.3	54.4	40.0	30.6	24.2	19.6
	Live Load/Deflection	117.8	76.4	53.5	39.5	30.3	24.0	19.5
3 SPAN	Negative Wind Load	153.0	97.9	68.0	50.0	38.3	30.2	24.5
	Live Load/Deflection	144.9	94.5	66.3	49.1	33.8	23.7	17.3
4 SPAN	Negative Wind Load	142.9	91.4	63.5	46.7	35.7	28.2	22.9
	Live Load/Deflection	136.1	88.6	62.1	45.9	35.3	25.2	18.3

**NOTES:**

1. Allowable loads are based on uniform span lengths and Fy = 60ksi.
2. LIVE LOAD is limited by bending, shear, combined shear & bending, or web crippling.
3. **NEGATIVE WIND LOAD** does not contain a 33.333% increase and does not consider fastener pullout or pullover.
4. **ALLOWABLE LIVE LOAD** does not consider an increase in load (L/80).
5. The weight of the panel has not been deducted from the allowable loads.
6. The use of any accessories other than those provided by the manufacturer may damage panels, void all warranties and will void all engineering data.
7. This material is subject to change without notice.



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