

## Featuring

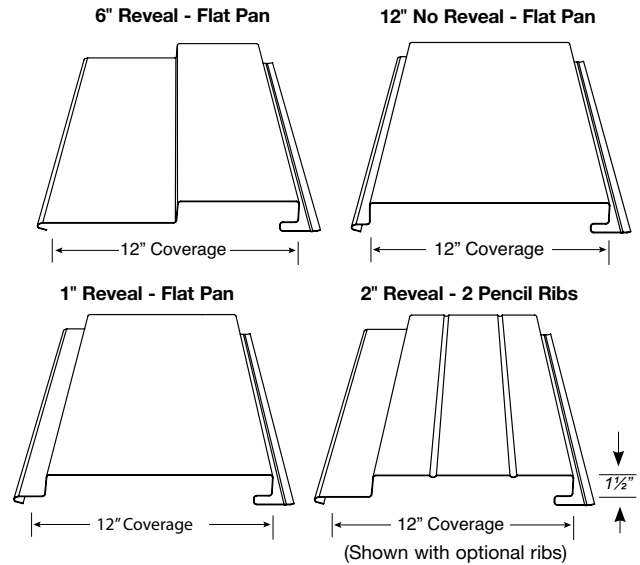
### Zincalume® For Twice the Life!

Zincalume combines the strength of steel with the corrosion resistance of aluminum for twice the life of most zinc coatings.

**Prestige Series®** is a crisp, distinctive solution for vertical, horizontal, exterior and interior walls, fascias and equipment screen applications. Prestige can also be used as a soffit panel. The panel's concealed fastener system reveals a clean distinctive design in any application.

## features | benefits

- Mix and match this 12" module panel with four available reveal options: 6", 2", 1" and no reveal. Also available with various finish options for enhanced design flexibility.
- Sealant is standard to create superior air and water infiltration resistance.
- Designed for use as a wall panel both horizontally and vertically. Recommend using 22ga or heavier for wall applications for optimal aesthetic appearance and improved structural performance.
- Available perforated to meet the special needs of interior acoustically-sensitive applications or where ventilation is required. Perforated panels are not covered by AEP Span's finish warranty.
- All panel gauges available in Valspar's time tested Fluoropon® paint system (full 70% fluoropolymer resin) with a 30 year paint warranty (25 year for metallic colors).
- Most wall applications require use of a clip, which helps Prestige Series achieve a very high wind load resistance.
- All colors available with a minimum 29 SRI to meet LEED steep slope requirements.



Prestige Panel Reveal Options	Finish Option			
	Flat Pan	Wave	1 Pencil Rib	2 Pencil Ribs
No Reveal - Full 12" Panel	✓	✓	✓	✓
2" Reveal - 10" Up, 2" Down	✓		✓	✓
1" Reveal - 11" Up, 1" Down	✓		✓	✓
6" Reveal - 6" Up, 6" Down	✓			✓

Prestige Series Section Properties - Full 12" No Reveal					
Gauge	Wt. (lbs/ft <sup>2</sup> )	I+ (in <sup>4</sup> /ft)	S+ (in <sup>3</sup> /ft)	I- (in <sup>4</sup> /ft)	S- (in <sup>3</sup> /ft)
24*	1.47	0.0826	0.0604	0.1057	0.0732
22*	1.85	0.1067	0.0852	0.1349	0.0968
20	2.14	0.1473	0.1321	0.1789	0.1287
18	2.77	0.2060	0.2089	0.2453	0.1827

\*22 & 24 gauge are standard.

**NOTE:** The hybrid positive moment of inertia, I, presented for determining deflection is:  $(2I_{\text{Effective}} + I_{\text{Gross}})/3$

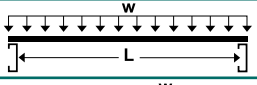
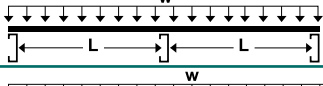
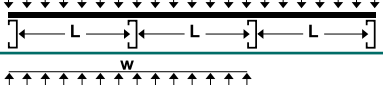
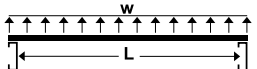
### Oil Canning

All flat metal surfaces can display waviness commonly referred to as "oil canning". "Oil canning" is an inherent characteristic of steel products, not a defect, and therefore is not a cause for panel rejection.

Prestige Series - Full 12" No Reveal															
Gage	Span	Cond.	Allowable Inward Loads (lbs/ft <sup>2</sup> ) per Span (ft.-in.)												
			1-6	2-0	2-6	3-0	3-6	4-0	4-6	5-0	5-6	6-0	6-6	7-0	7-6
24	SS	f	536	302	193	134	98	75	59	48	39	33	28	24	21
		L/180	-	-	-	-	-	-	-	-	-	-	-	26	21
	DS	f	650	366	234	162	119	91	72	58	48	40	34	29	26
		L/180	-	-	-	-	-	-	-	-	-	-	-	-	-
	TS	f	813	457	292	203	149	114	90	73	60	50	43	37	32
		L/180	-	-	-	-	-	-	-	-	-	-	-	-	-
22	SS	f	757	426	272	189	139	106	84	68	56	47	40	34	30
		L/180	-	-	-	-	-	-	-	-	-	-	43	34	27
	DS	f	860	484	309	215	158	121	95	77	64	53	45	39	34
		L/180	-	-	-	-	-	-	-	-	-	-	-	-	-
	TS	f	1075	605	387	268	197	151	119	96	80	67	57	49	43
		L/180	-	-	-	-	-	-	-	-	-	-	-	-	-
20	SS	f	939	528	338	234	172	132	104	84	69	58	50	43	37
		L/180	-	-	-	-	-	-	-	-	-	-	-	46	37
	DS	f	915	514	329	228	168	128	101	82	68	57	48	42	36
		L/180	-	-	-	-	-	-	-	-	-	-	-	-	-
	TS	f	1144	643	411	286	210	160	127	102	85	71	60	52	45
		L/180	-	-	-	-	-	-	-	-	-	-	-	-	-
18	SS	f	1485	835	534	371	272	208	165	133	110	92	79	68	59
		L/180	-	-	-	-	-	-	-	-	-	108	83	65	52
	DS	f	1299	730	467	324	238	182	144	116	96	81	69	59	51
		L/180	-	-	-	-	-	-	-	-	-	-	-	-	-
	TS	f	1624	913	584	406	298	228	180	146	120	101	86	74	64
		L/180	-	-	-	-	-	-	-	-	-	-	-	-	-

Gage	Allowable Outward Loads With Clip (lbs/ft <sup>2</sup> ) per Span (ft.-in.)													
	1-6	2-0	2-6	3-0	3-6	4-0	4-6	5-0	5-6	6-0	6-6	7-0	7-6	
24				69.0	64.9	60.9	56.9	52.9	48.9	44.9	40.8	36.8	32.8	
22				97.5	91.9	86.3	80.6	75.0	69.4	63.8	58.1	52.5	46.9	

Gage	Allowable Outward Loads Without Clip (lbs/ft <sup>2</sup> ) per Span (ft.-in.)													
	1-6	2-0	2-6	3-0	3-6	4-0	4-6	5-0	5-6	6-0	6-6	7-0	7-6	
24	12.4	12.0	11.6	11.3	11.0	10.7	10.4	10.1	9.9	9.7	9.5	9.3	9.2	
22	17.1	16.9	16.8	16.7	16.6	16.4	16.3	16.2	16.1	16.0	15.8	15.7	15.6	

LOADING TABLE LEGEND	
f - Load limited by flexural bending stress	
L - Span (Inches)	
L/180 - Load limited by a deflection of 1/180 of the span	
w - Distributed load	
Inward Loads	SS-Single span 
	DS-Double span 
	TS-Triple span 
Outward Loads	

#### NOTES:

- Allowable inward and outward load tables are for FULL 12" Panels with No Reveals. Contact info@aepspan.com for allowable inward and outward loads on other panel reveal options.
  - Top values based on allowable stress. Bottom values based on allowable deflection of L/180.
  - "-" denotes that the allowable deflection is limited by the allowable flexural bending stress.
  - Steel conforms to ASTM A792 (Zincalume®) with 50 ksi minimum yield for 24 and 22 gauge, 40 ksi minimum yield for 20 and 18 gauge. 18 gauge supplied as G-90 (ASTM A653).
  - Values are based on the American Iron and Steel Institute (AISI) "Cold Formed Steel Design Manual" (2007 Edition).
- Specifications subject to change without notice.