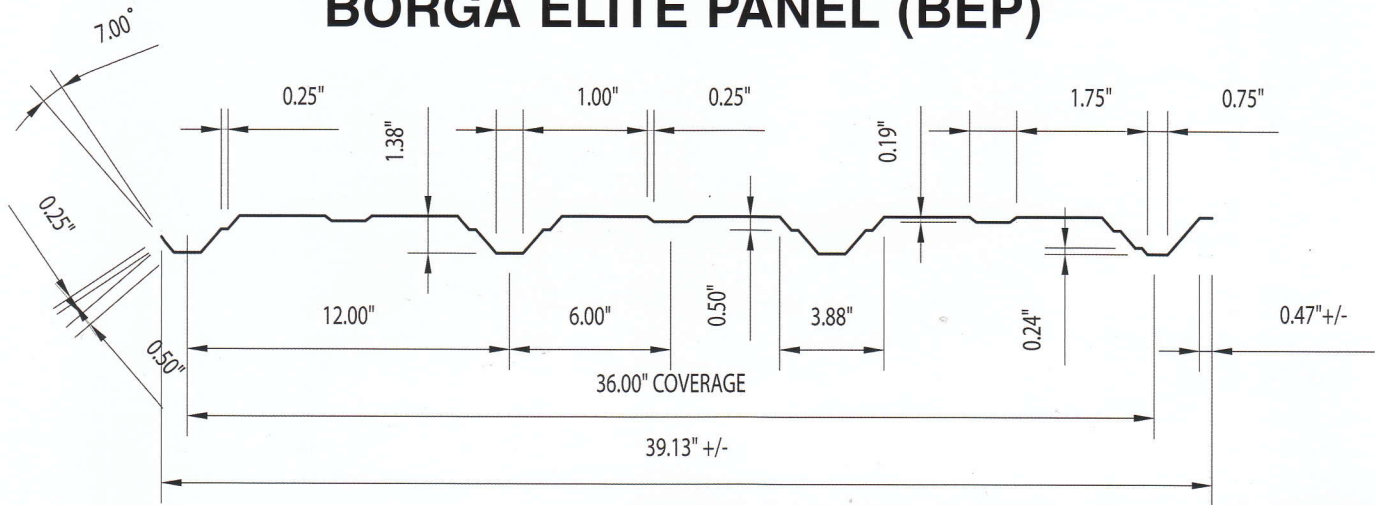


BUILD BETTER



BORGA ELITE PANEL (BEP)



Highlights:

- Exposed fastener wall panel
- 36" panel coverage
- Grooves 12" on center, 1.38" deep
- Applies over open framing or solid substrate
- Available in 28 ga., 26 ga., and 24 ga. thickness
- Available in Premium Colors, Standard Colors, acrylic coated zinc-aluminum alloy and bare galvanized finishes

Effective Panel Properties				
Gauge	Ix	Sx	Ix	Sx
	Negative bending		Positive bending	
26	0.0450 in ⁴	0.0410 in ³	0.0439 in ⁴	0.0489 in ³

Calculations are based on material thickness of 0.0197", giving the panel a weight of 0.98 lbm/ft²

Allowable Loads (lbf/ft ²)		
Overhang	26 ga. - stress	26 ga. - deflection
1'0"	240	95
1'6"	108	40
2'0"	60	21
2'6"	39	13
3'0"	27	9

Deflection is based on a 6' interior simple span

ALLOWABLE LOAD (lbf/ft ²)						
SPANS	26 ga. - stress			26 ga. - deflection		
	I	II	III	I	II	III
3'0"	90	108	135	90	108	135
3'6"	66	79	99	66	79	99
4'0"	51	61	76	51	61	76
4'6"	40	48	60	40	48	60
5'6"	32	39	48	32	39	48
5'6"	27	32	40	27	32	40
6'0"	22	27	33	22	27	33
6'6"	19	23	28	17	23	28
7'0"	16	19	24	13	19	24
7'6"	14	17	21	11	17	21
8'0"	12	15	19	9	15	17

Legend:

- I = Simple Span
- II = Two equal Spans
- III = Three equal spans

Footnotes:

- Load values are based on Maximum Stress or Deflection at 1/180 of span
- Steel strength values are based on a minimum yield strength of 50 ksi
- Allowable loads may be increased by 1/3 for wind and seismic loads

The information given on this data sheet has been carefully checked, however, Borgia Steel Buildings & Components does not assume any responsibility for errors or omissions, or any direct or indirect damage caused by incorrect application of the information shown above. Borgia Steel Buildings & Components reserves the right to make changes in any of their specifications or products without any prior notification.

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