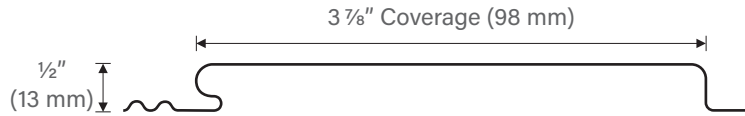


# Berridge Flush Seam Panel Load Chart

## OPEN FRAMING



### Flush Seam Panel Section Properties Based on 24 Gauge 40 K.S.I.

	DL <sub>x</sub> (in <sup>4</sup> /ft)	M <sub>A</sub> (ft*lbs/ft)	V <sub>A</sub> (lbs)
Positive Bending	0.01206	79.8	516
Negative Bending	0.01323	64.8	516

#### NOTES:

- 1) Values based on 1996 edition of AISI and good engineering practice.

### Recommended Load in PSF

#### Panel Weight = 1.4 psf

Span (ft)	Net Vertical Live Load			Net Vertical Wind Uplift		
	1-Span	2-Span	3-Span	1-Span	2-Span	3-Span
2'-6"	90	90	90	83	90	90
2'-8"	83	90	90	73	90	90
3'-0"	58	75	87	58	90	60
3'-6"	35	55	65	40	68	76d
4'-0"	25	42	47d	27	52	51d
4'-6"	17	34	32d	19	41	36d
5'-0"	12	27d	24d	12	33	26d
5'-6"		22d	18d		25d	20d
6'-0"		17d	14d		19d	15d

#### Notes:

- 1) All loads meet L/240 Deflection Criteria. (d) Deflection governs allowables.
- 2) Wind Load Allowable Stresses increased by 33%
- 3) Values based on 1996 edition of AISI and good engineering practice.
- 4) Evaluation of fastener pull-out is required with the use of this chart.

### Open Framing on 24 ga Steel Support

#### (Galvalume Substrate)

Gauge of Panel	Spacing (in)	Fastener	Fastener Quantity	Allowable (psf)	Ultimate (psf)
24	24	#10 Pancake SD	1	121	242.00

#### NOTES:

- 1) For use with 3 or more spans.
- 2) All test results determined through ASTM E330 testing standards.



#### CORPORATE HEADQUARTERS

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