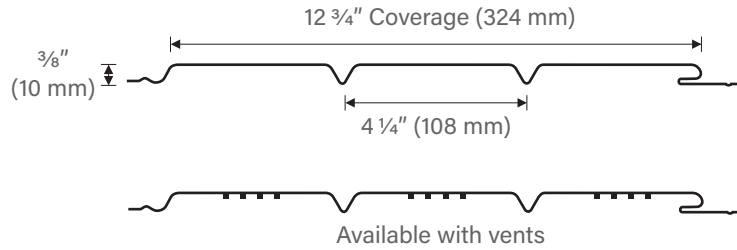


# Berridge Vee-Panel Load Chart

## OPEN FRAMING



### Vee-Panel Section Properties Based on 24 Gauge 40 K.S.I.

	$I_x$ (in <sup>4</sup> /ft)	$S_x$ (in <sup>3</sup> /ft)	$M_A$ (in*K/ft)
Panel Width	12 3/4"	12 3/4"	12 3/4"
Positive Bending	0.00395	0.0166	0.397
Negative Bending	0.00451	0.0156	0.374

### Recommended Load in PSF

#### Panel Weight= 1.4 psf

Span (ft)	Positive Wind Load			Negative Wind Load		
	1-Span	2-Span	3-Span	1-Span	2-Span	3-Span
Panel Width	12 3/4"	12 3/4"	12 3/4"	12 3/4"	12 3/4"	12 3/4"
1.0	265	249	291	249	265	309
1.5	77d	111	129	88d	118	137
2.0	32d	62	65d	37d	66	65d

#### Notes:

- 1) All loads meet L/240 Deflection Criteria. (d) Deflection governs allowables.
- 2) Values based on 2007 AISI specifications.
- 3) Positive load direction is towards panel face.
- 4) Negative load direction is away from panel face.
- 5) Evaluation of fastener pull-out is required with the use of this chart.



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