

Berridge Zee-Lock Panel Load Chart

OPEN FRAMING



Zee-Lock Section Properties Based on 24 Gauge 40 K.S.I.

	I_x (in ⁴ /ft)	M_A (ft*lbs/ft)	V_A (lbs/ft)
Positive Bending	0.1525	184.65	990
Negative Bending	0.1031	161.33	990

NOTES:

- 1) Zee-Lock with Continuous 24 GA Rib.
- 2) Values based on 1996 edition of AISI and good engineering practice.

Open Framing on 16 ga Steel Support (Galvalume Substrate)

Gauge of Panel	Spacing (in)	Clip Type	Fastener	Fastener Quantity	Allowable (psf)	Ultimate (psf)
24	24	Continuous Rib	#12-14 Self-driller	2	60.00	120.00
24	30	Continuous Rib	#12-14 Self-driller	2	58.23	116.47
24	36	Continuous Rib	#12-14 Self-driller	2	56.47	112.93
24	42	Continuous Rib	#12-14 Self-driller	2	54.70	109.40
24	48	Continuous Rib	#12-14 Self-driller	2	52.94	105.87
24	54	Continuous Rib	#12-14 Self-driller	2	51.17	102.33
24	60	Continuous Rib	#12-14 Self-driller	2	49.40	98.80

NOTES:

- 1) All test results determined through ASTM E1592 testing standards.



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