

# Berridge Zee-Lock Panel Load Chart

## OPEN FRAMING



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

	$I_x$ (in <sup>4</sup> /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.



#### CORPORATE HEADQUARTERS

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