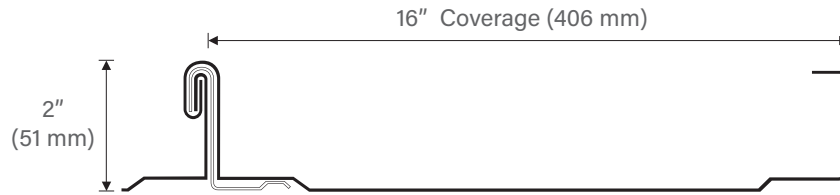


Berridge Double-Lock Zee-Lock Panel Load Chart

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	1/4-14 DP3	2	120	240
24	30	Continuous Rib	1/4-14 DP3	2	110.42	220.83
24	36	Continuous Rib	1/4-14 DP3	2	100.83	201.67
24	42	Continuous Rib	1/4-14 DP3	2	91.25	182.50
24	48	Continuous Rib	1/4-14 DP3	2	81.67	163.33
24	54	Continuous Rib	1/4-14 DP3	2	72.08	144.17
24	60	Continuous Rib	1/4-14 DP3	2	62.50	125
24	12	2-Piece Floating Clip	1/4-14 HWH	2	135.28	270.55
24	14	2-Piece Floating Clip	1/4-14 HWH	2	126.60	253.21
24	16	2-Piece Floating Clip	1/4-14 HWH	2	117.93	235.86
24	18	2-Piece Floating Clip	1/4-14 HWH	2	109.26	218.52
24	20	2-Piece Floating Clip	1/4-14 HWH	2	100.59	201.18
24	22	2-Piece Floating Clip	1/4-14 HWH	2	91.92	183.83
24	24	2-Piece Floating Clip	1/4-14 HWH	2	83.25	166.49
22	30	Continuous Rib w/ 22 ga backer plate	#12-14 HWH T3 Fenderhead	3	140	280
22	36	Continuous Rib w/ 22 ga backer plate	#12-14 HWH T3 Fenderhead	3	133.50	267
22	42	Continuous Rib w/ 22 ga backer plate	#12-14 HWH T3 Fenderhead	3	127	254
22	48	Continuous Rib w/ 22 ga backer plate	#12-14 HWH T3 Fenderhead	4	120.50	241
22	54	Continuous Rib w/ 22 ga backer plate	#12-14 HWH T3 Fenderhead	4	114	228
22	60	Continuous Rib w/ 22 ga backer plate	#12-14 HWH T3 Fenderhead	4	107.50	215

NOTES:

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



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All information subject to change without notice. See website for details, specifications and Watertightness Warranty requirements.

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