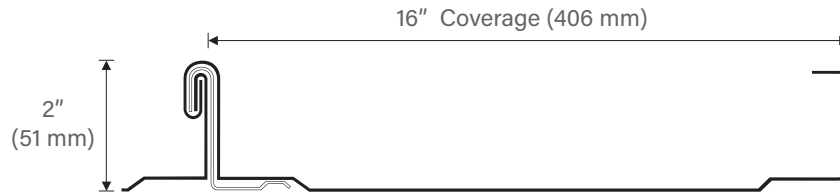


# Berridge Double-Lock Zee-Lock Panel Load Chart

## OPEN FRAMING



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

	$I_x$ (in <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	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.



#### CORPORATE HEADQUARTERS

2610 Harry Wurzbach Road  
San Antonio, TX 78209  
(800) 669-0009  
www.Berridge.com

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

© Berridge Manufacturing Company 2018 • 800-669-0009 • www.berridge.com