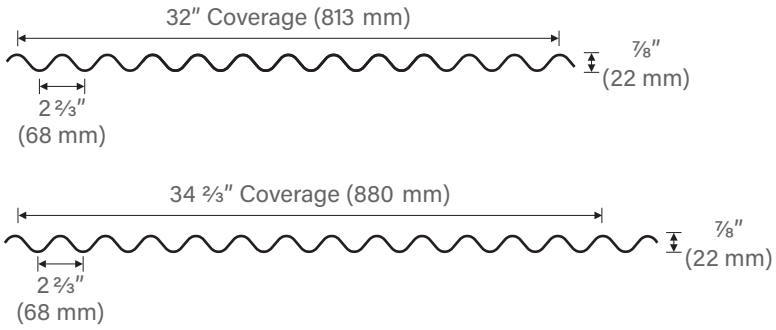
Berridge S-Deck Panel Load Chart

OPEN FRAMING



S-Deck Section Properties Based on 24 Gauge 40 K.S. I.		
	I_x (in^4/ft)	M_A (ft*lbs/ft)
Top in Compression	0.0326	144.9
Bottom in Compression	0.0326	144.9

NOTES:

1) Values based on 1996 Edition of AISI.

S-Deck Section Properties Based on 22 Gauge 40 K.S. I.		
	I_x (in^4/ft)	M_A (ft*lbs/ft)
Top in Compression	0.0408	180
Bottom in Compression	0.0408	180

NOTES:

1) Values based on 2007 Edition of AISI.

Open Framing on 16 ga Steel Support (Galvalume Substrate)							
Gauge of Panel	**Detail**	**Spacing (in)**	**Panel Fastener**	**Stitch Fastener**	**Fastener Quantity**	**Allowable (psf)**	**Ultimate (psf)**
24	A	30	#12-14 HWH	#12-14 HWH	1	190	380
24	A	36	#12-14 HWH	#12-14 HWH	1	167.50	335
24	B	42	#12-14 HWH	#12-14 HWH	1	145	290
24	B	48	#12-14 HWH	#12-14 HWH	1	122.50	245
24	B	54	#12-14 HWH	#12-14 HWH	1	100	200
24	B	60	#12-14 HWH	#12-14 HWH	1	77.50	155
(Aluminum Substrate)							
Gauge of Panel	**Detail**	**Spacing (in)**	**Panel Fastener**	**Stitch Fastener**	**Fastener Quantity**	**Allowable (psf)**	**Ultimate (psf)**
0.032	A	48	#12-14 HWH	1/4-14 HWH	1	83.25	166.50

NOTES:

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

2) **All** fasteners to be longlife fasteners with neoprene washers.

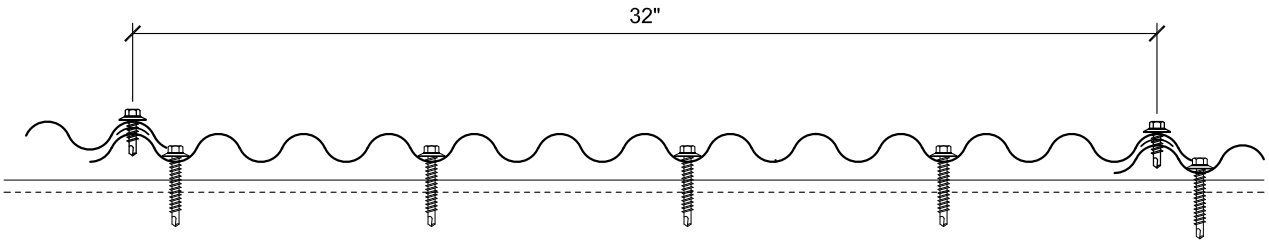
3) Stitch fasten panels together @ 12" on center.

BERRIDGE
Roofs of Distinction

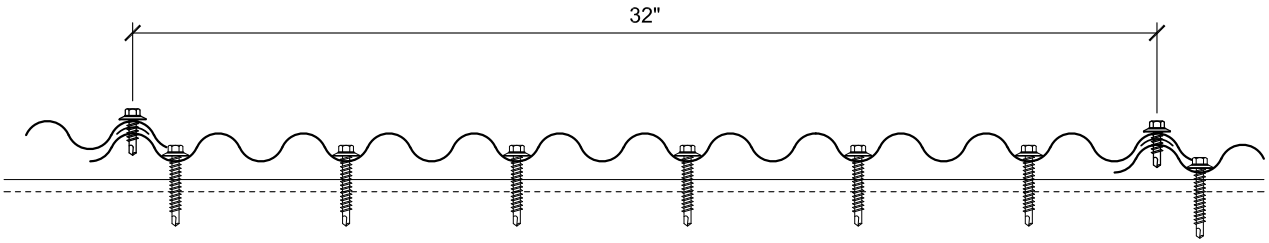
CORPORATE HEADQUARTERS
2610 Harry Wurzbach Road
San Antonio, TX 78209
(800) 669-0009
www.Berridge.com

All information subject to change without notice. See website for details, specifications and Watertightness Warranty requirements.
© Berridge Manufacturing Company 2019 ▪ 800-669-0009 ▪ www.berridge.com

Detail A



Detail B



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 2019 ▪ 800-669-0009 ▪ www.berridge.com