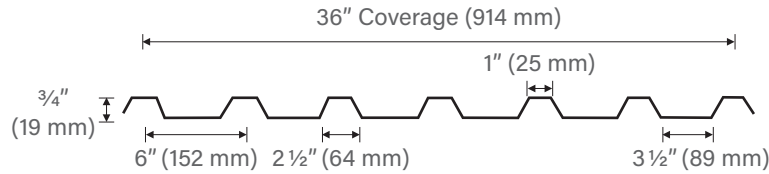


Berridge "M" Panel Load Chart

OPEN FRAMING



M-Panel Section Properties Based on 24 Gauge 40 K.S.I.

	I_x (in ⁴ /ft)	S_x (in ³ /ft)	M_A (in*kip/ft)
Positive Bending	0.0279	0.0537	1.29
Negative Bending	0.0228	0.0494	1.18

NOTES:

- 1) Values based on the 2007 edition of AISI.
- 2) Values shown above are for the panel alone.

Recommended Load (psf)

Panel WT = 1.3 psf

Span (ft)	Net Vertical Dead + Live Load						Net Vertical Wind Uplift					
	1-Span		2-Span		3-Span		1-Span		2-Span		3-Span	
	Stress	Defl (L/240)	Stress	Defl (L/240)	Stress	Defl (L/240)	Stress	Defl (L/240)	Stress	Defl (L/240)	Stress	Defl (L/240)
3.0	94	68	87	148	101	116	89	55	97	148	113	116
4.0	53	29	48	63	56	49	50	23	55	63	64	46
5.0	33	15	30	32	36	25	33	12	35	32	41	25

NOTES:

- 1) The panel weight has been deducted from the allowable stress value.
- 2) The values shown above are for the panel alone.
- 3) Values based on the 2007 edition of AISI.

Open Framing on 16 ga Steel Support (Galvalume Substrate)

Gauge of Panel	Detail	Spacing (in)	Fastener	Fastener Quantity	Allowable (psf)	Ultimate (psf)
24	A	60	#12-14 HWH	1	52.50	105

NOTES:

- 1) All results determined through UL90 Construction #39 Certification.
- 2) All fasteners to be longlife fasteners with noeprene washers.
- 3) Stitch fasten panels together using (1) 12-14 Hex-head Self-drilling fastener @ 12" on center.



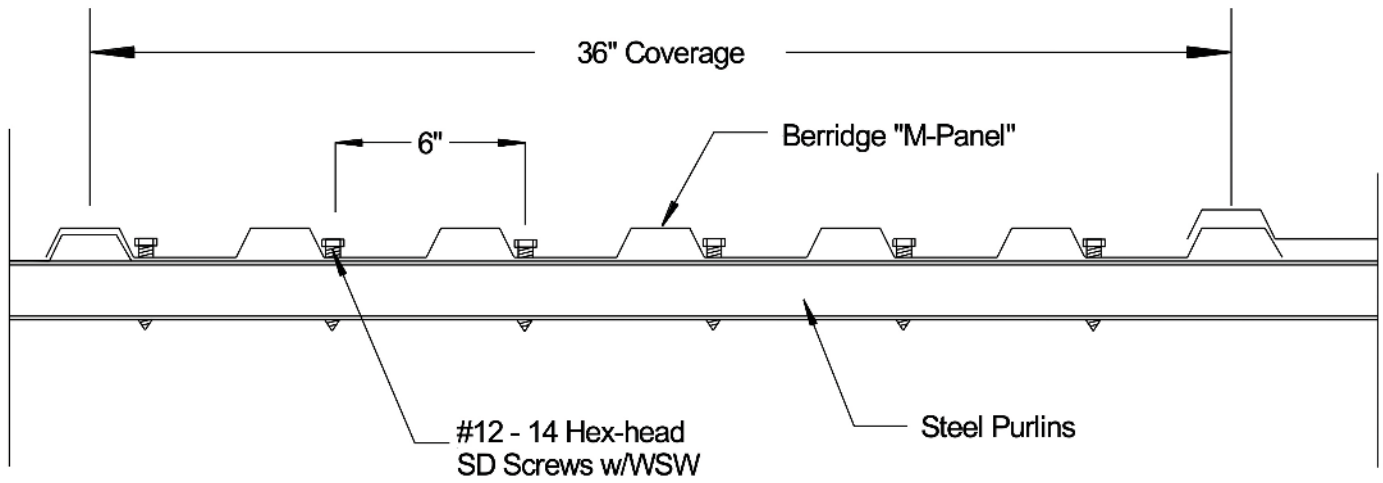
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All information subject to change without notice. See website for details, specifications and Watertightness Warranty requirements.

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Detail A



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