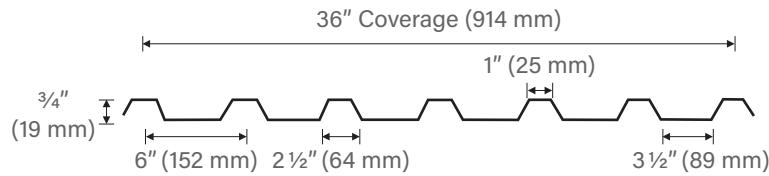


Berridge "M" Panel Load Chart

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.



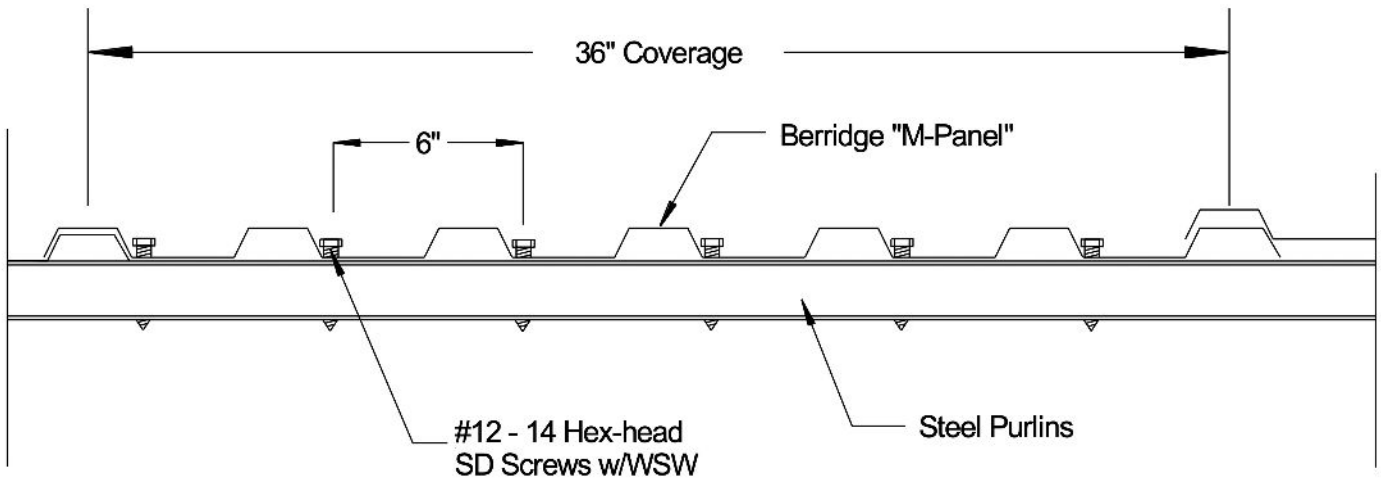
CORPORATE HEADQUARTERS

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.

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Detail A



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