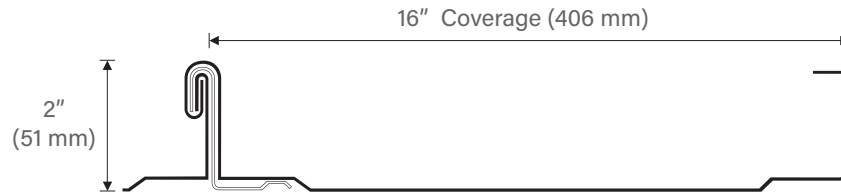


# Berridge Double-Lock Zee-Lock Panel Load Chart

## METAL DECK



| 22 ga Metal Decking<br>(Galvalume Substrate) |              |                       |                |                   |                 |                |
|--|--------------|-----------------------|----------------|-------------------|-----------------|----------------|
| Gauge of Panel                               | Spacing (in) | Clip Type             | Fastener       | Fastener Quantity | Allowable (psf) | Ultimate (psf) |
| 24   | 8            | Continuous Rib        | #14-13 DP1     | 1                 | 176             | 352            |
| 24   | 10           | Continuous Rib        | #14-13 DP1     | 1                 | 174.13          | 348.25         |
| 24   | 12           | Continuous Rib        | #14-13 DP1     | 1                 | 172.25          | 344.50         |
| 24   | 14           | Continuous Rib        | #14-13 DP1     | 1                 | 170.38          | 340.75         |
| 24   | 16           | Continuous Rib        | #14-13 DP1     | 1                 | 168.50          | 337            |
| 24   | 12           | Fixed Clip            | #14-13 DP1     | 2                 | 138.50          | 277            |
| 24   | 14           | Fixed Clip            | #14-13 DP1     | 2                 | 133.50          | 267            |
| 24   | 16           | Fixed Clip            | #14-13 DP1     | 2                 | 128.50          | 257            |
| 24   | 18           | Fixed Clip            | #14-13 DP1     | 2                 | 123.50          | 247            |
| 24   | 20           | Fixed Clip            | #14-13 DP1     | 2                 | 118.50          | 237            |
| 24   | 22           | Fixed Clip            | #14-13 DP1     | 2                 | 113.50          | 227            |
| 24   | 24           | Fixed Clip            | #14-13 DP1     | 2                 | 108.50          | 217            |
| 24   | 6            | 2-Piece Floating Clip | #14-13 DP1     | 2                 | 200             | 400            |
| 24   | 8            | 2-Piece Floating Clip | #14-13 DP1     | 2                 | 188.17          | 376.33         |
| 24   | 10           | 2-Piece Floating Clip | #14-13 DP1     | 2                 | 176.33          | 352.67         |
| 24   | 12           | 2-Piece Floating Clip | #14-13 DP1     | 2                 | 164.50          | 329            |
| 24   | 14           | 2-Piece Floating Clip | #14-13 DP1     | 2                 | 152.67          | 305.33         |
| 24   | 16           | 2-Piece Floating Clip | #14-13 DP1     | 2                 | 140.83          | 281.67         |
| 24   | 18           | 2-Piece Floating Clip | #14-13 DP1     | 2                 | 129             | 258            |
| 24   | 20           | 2-Piece Floating Clip | #14-13 DP1     | 2                 | 117.17          | 234.33         |
| 24   | 22           | 2-Piece Floating Clip | #14-13 DP1     | 2                 | 105.33          | 210.67         |
| 24   | 24           | 2-Piece Floating Clip | #14-13 DP1     | 2                 | 93.50           | 187            |
| 22   | 8            | Continuous Rib        | #14-10 Dekfast | 1                 | 213.50          | 427            |
| 22   | 10           | Continuous Rib        | #14-10 Dekfast | 1                 | 194.75          | 389.50         |
| 22   | 12           | Continuous Rib        | #14-10 Dekfast | 1                 | 176             | 352            |
| 22   | 14           | Continuous Rib        | #14-10 Dekfast | 1                 | 157.25          | 314.50         |
| 22   | 16           | Continuous Rib        | #14-10 Dekfast | 1                 | 138.50          | 277            |
| (Aluminum Substrate)                         |              |                       |                |                   |                 |                |
| Gauge of Panel                               | Spacing (in) | Clip Type             | Fastener       | Fastener Quantity | Allowable (psf) | Ultimate (psf) |
| 0.032  | 6            | 2-Piece Floating Clip | #14-13 DP1     | 2                 | 236             | 472            |
| 0.032  | 8            | 2-Piece Floating Clip | #14-13 DP1     | 2                 | 223.50          | 447            |
| 0.032  | 10           | 2-Piece Floating Clip | #14-13 DP1     | 2                 | 211             | 422            |
| 0.032  | 12           | 2-Piece Floating Clip | #14-13 DP1     | 2                 | 198.50          | 397            |
| 0.032  | 14           | 2-Piece Floating Clip | #14-13 DP1     | 2                 | 186             | 372            |
| 0.032  | 16           | 2-Piece Floating Clip | #14-13 DP1     | 2                 | 173.50          | 347            |
| 0.032  | 18           | 2-Piece Floating Clip | #14-13 DP1     | 2                 | 161             | 322            |
| 0.032  | 20           | 2-Piece Floating Clip | #14-13 DP1     | 2                 | 149             | 297            |
| 0.032  | 22           | 2-Piece Floating Clip | #14-13 DP1     | 2                 | 136             | 272            |
| 0.032  | 24           | 2-Piece Floating Clip | #14-13 DP1     | 2                 | 123.50          | 247            |

### NOTES:

- 1) Maximum 6" thick rigid board with minimum compressive strength of 20 psi allowed in assembly.
- 2) All test results determined through UL580/ UL1897 testing standards.
- 3) Bearing plate required for all clip assemblies directly over rigid board.



### CORPORATE HEADQUARTERS

2610 Harry Wurzbach Road  
 San Antonio, TX 78209  
 (800) 669-0009  
[www.Berridge.com](http://www.Berridge.com)

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

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