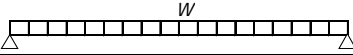
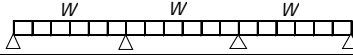


## Galvatherm Microrib

| Thickness<br>(In.) | Insulation Factors             |                                | Panel<br>Weight<br>PSF |  |      |      |      |      |      |      |      |      |      |  |      |      |      |      |      |      |      |      |      |      |  |
|--------------------|--------------------------------|--------------------------------|------------------------|--|------|------|------|------|------|------|------|------|------|---|------|------|------|------|------|------|------|------|------|------|--|
|                    | R<br>ft <sup>2</sup> .h.°F/BTU | U<br>BTU/ft <sup>2</sup> .h.°F |                        | SPAN (Ft)  |      |      |      |      |      |      |      |      |      |   |      |      |      |      |      |      |      |      |      |      |  |
|                    |                                |                                | 5.0                    | 6.0  | 7.0  | 8.0  | 9.0  | 10.0 | 11.0 | 12.0 | 13.0 | 14.0 | 15.0 | 5.0   | 6.0  | 7.0  | 8.0  | 9.0  | 10.0 | 11.0 | 12.0 | 13.0 | 14.0 | 15.0 |  |
| 2                  | 17                             | 0.058                          | 2.49                   | 70.1   | 57.3 | 48.3 | 41.8 | 35.8 | 27.7 |      |      |      |      |   | 70.1 | 57.3 | 48.3 | 41.8 | 35.8 | 27.7 |      |      |      |      |  |

Notes:

- 1.- Based on Galvatherm 42 in. wide wall panel with 26 ga. exterior and interior steel facers (min. Fy= 37 ksi as per ASTM A653)
- 2.- Steel facers are prepainted galvanized steel as per ASTM A653 grade 37 (Fy= 37 ksi min). Elasticity Modulus is 29, 000 ksi.
- 3.- Load Tables were derived from ASTM E72 structural testing. Allowable loads were obtained with 2.5 bending safety factor 3.0 shear safety factor, and deflection limit of L/180.
- 4.- Thermal load effect due to temperature differential between exterior and interior facers must be considered when applies.
- 5.- Allowable load is governed by the lowest value of bending strength, shear strength and deflection limit. For allowable load governed by connection, please contact to the technical department.
- 6.- Foam Insulation factors are based on nominal initial k factor of 0.116 BTU.in/ft<sup>2</sup>.h.°F tested as per ASTM C518-04 at a mean temperature of 40°F (4°C)