# US

| Allowable Uniform Load Table (psf)<br>BW Universal System w/BWUH Rail & SG-150-16 Subgirt<br>36" Module Panel 29 Ga. Exterior / 29 Ga. Interior | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Panel Support Spacing (in) | | | 12 | | | 16 | | | 24 | | |
| Subgirt Spacing (in) | | | 16 | 24 | 32 | 16 | 24 | 32 | 16 | 24 | 32 |
| Panel Thickness | Panel Support Steel | No. Spans | | | | | | | | | |
| 2" or 3" | 16GA | 1, 2, or 3 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 60.0 | 60.0 | 60.0 |

| Allowable Uniform Load Table (psf)<br>BW Universal System w/BWUV Rail<br>36" Module Panel 29 Ga. Exterior / 29 Ga. Interior | | | | | |
|---|---|---|---|---|---|
| Panel Support Spacing (in) | | | 12 | 16 | 24 |
| Panel Thickness | Panel Support Steel | No. Spans | | | |
| 2" | 16GA | 1 | 154.7 | 116.0 | 77.3 |
| | | 2 | 157.8 | 120.0 | 82.7 |
| | | 3 | 160.4 | 122.9 | 85.3 |
| 3" | 16GA | 1 | 152.9 | 114.7 | 76.4 |
| | | 2 | 154.7 | 117.1 | 79.8 |
| | | 3 | 156.4 | 119.0 | 81.9 |

1. The load span table is based on Allowable Stress Design (ASD).
2. The cladding is assumed to convey a uniformly distributed loading to the subgirt.
3. The BW Universal Panel System and its connection to the support structure is not designed to convey support bracing forces or supply building stability shear loads.
4. Spans are limited to a maximum deflection of L/180 for wind loads.
5. Table represents allowable load for panel system with a saftey factor of 1.875 for Fv, Fb, Rend, and Rint.
6. This table assumes 16 Ga. Steel supports with an ultimate fastener pull out capacity of 716 lbs reduced by a safety factor of 2.5.
7. This table assumes a BWUV/BWUH rail with (2) #12-14 fasteners into each support.
8. The BWUH rail is limited by bending induced by subgirt loading.
9. The subgirt is attached with (2) 1/4-14 fasteners where it crosses each rail.
10. The structural adequacy of the panel support steel is not considered and must be checked by the engineer responsible for their design.

METL SPAN®

**US**

| Allowable Uniform Load Table (psf)<br>BW Universal System w/Standard Panel Clip & Inverted SG-150-16 Subgirt<br>36" Module Panel 29 Ga. Exterior / 29 Ga. Interior | | | | | | |
|---|---|---|---|---|---|---|
| | | Panel Support Spacing (in) | 12 | 16 | | 24 |
| | | Subgirt Spacing (in) | 24 | 16 | 32 | 24 |
| Panel Thickness | Panel Support Steel | No. Spans | | | | |
| 2" | 16GA | 1 | 132.0 | 113.1 | 99.0 | 75.4 |
| | | 2 | 93.6 | 69.3 | 69.3 | 44.8 |
| | | 3 | 93.8 | 69.7 | 69.7 | 45.6 |
| 3" | 16GA | 1 | 132.0 | 132.5 | 99.0 | 88.4 |
| | | 2 | 94.3 | 70.2 | 70.2 | 45.8 |
| | | 3 | 94.4 | 70.3 | 70.3 | 46.2 |

| Allowable Uniform Load Table (psf)<br>BW Universal PANEL ONLY w/Standard Panel Clip or Masonry Clip<br>32" Module Panel 29 Ga. Exterior / 29 Ga. Interior | | | | | |
|---|---|---|---|---|---|
| | | Panel Support Spacing (in) | 12 | 16 | 24 |
| Panel Thickness | Panel Support Steel | No. Spans | | | |
| 2" | 16GA | 1 | 169.6 | 127.2 | 84.8 |
| | | 2 | 105.3 | 77.9 | 50.5 |
| | | 3 | 105.5 | 78.4 | 51.3 |
| 3" | 16GA | 1 | 198.8 | 149.1 | 99.4 |
| | | 2 | 106.1 | 78.9 | 51.6 |
| | | 3 | 106.2 | 79.1 | 52.0 |

1. The load span table is based on Allowable Stress Design (ASD).
2. The cladding is assumed to convey a uniformly distributed loading to the subgirt.
3. The BW Universal Panel System and its connection to the support structure is not designed to convey support bracing forces or supply building stability shear loads.
4. Spans are limited to a maximum deflection of L/180 for wind loads.
5. Table represents allowable load for panel system with a saftey factor of 1.875 for Fv, Fb, Rend, and Rint.
6. This table assumes 16 Ga. Steel supports with an ultimate fastener pull out capacity of 716 lbs reduced by a safety factor of 2.5.
7. The table uses a tested value of 756 lbs for the 1/4-14 subgirt-to-clip fastener reduced by a safety factor of 2.4.
8. This table assumes a standard or masonry clip with (1) #12-14 fastener into each support.
9. The structural adequacy of the panel support steel is not considered and must be checked by the engineer responsible for their design.
10. The design, spacing, and specification of masonry anchors is not by the panel manufacturer.

METL SPAN®