

# Panel Weights

## Engineering Technical Bulletin



### PRODUCT

- ▶ **IWP Series:** Insulated Metal Wall Panels
- ▶ **IRP Series:** Insulated Metal Roof Panels
- ▶ **Profiles:** Mesa-Lok, Shadow-Lok, Corr-Lok, Design-Lok, Max-Lok, Ridge-Lok
- ▶ **Width:** 45-inch max.
- ▶ **Thickness:** 2-inch min.
- ▶ **Gauge:** 26-gauge min. (facer and liner)
- ▶ **Finish:** embossed or smooth

### PANEL WEIGHTS (PSF)

| PANEL THICKNESS (IN.) | PANEL WIDTH (IN.) | STEEL GAUGE (FACER/LINER) |       |       |       |       |       |       |       |       |
|-----------------------|-------------------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
|                       |                   | 26/26                     | 24/26 | 22/26 | 26/24 | 24/24 | 22/24 | 26/22 | 24/22 | 22/22 |
| 2                     | 42                | 2.1                       | 2.32  | 2.63  | 2.31  | 2.52  | 2.84  | 2.62  | 2.83  | 3.15  |
|                       | 36                | 2.14                      | 2.35  | 2.68  | 2.35  | 2.56  | 2.89  | 2.66  | 2.88  | 3.2   |
|                       | 30                | 2.18                      | 2.41  | 2.75  | 2.4   | 2.62  | 2.96  | 2.72  | 2.94  | 3.28  |
| 2.5                   | 42                | 2.21                      | 2.42  | 2.74  | 2.41  | 2.62  | 2.94  | 2.72  | 2.93  | 3.25  |
|                       | 36                | 2.24                      | 2.46  | 2.79  | 2.45  | 2.67  | 2.99  | 2.76  | 2.98  | 3.31  |
|                       | 30                | 2.29                      | 2.51  | 2.85  | 2.5   | 2.73  | 3.06  | 2.82  | 3.05  | 3.39  |
| 3                     | 45                | 2.27                      | 2.47  | 2.78  | 2.47  | 2.68  | 2.99  | 2.78  | 2.99  | 3.29  |
|                       | 42                | 2.31                      | 2.52  | 2.84  | 2.52  | 2.73  | 3.05  | 2.83  | 3.04  | 3.36  |
|                       | 36                | 2.35                      | 2.56  | 2.89  | 2.55  | 2.77  | 3.1   | 2.87  | 3.09  | 3.41  |
|                       | 30                | 2.39                      | 2.62  | 2.95  | 2.61  | 2.83  | 3.17  | 2.93  | 3.15  | 3.49  |
| 4                     | 45                | 2.48                      | 2.68  | 2.99  | 2.68  | 2.89  | 3.19  | 2.99  | 3.19  | 3.5   |
|                       | 42                | 2.52                      | 2.73  | 3.05  | 2.72  | 2.94  | 3.26  | 3.03  | 3.25  | 3.57  |
|                       | 36                | 2.55                      | 2.77  | 3.1   | 2.76  | 2.98  | 3.31  | 3.08  | 3.29  | 3.62  |
|                       | 30                | 2.6                       | 2.83  | 3.16  | 2.82  | 3.04  | 3.38  | 3.14  | 3.36  | 3.7   |
| 5                     | 45                | 2.69                      | 2.89  | 3.2   | 2.89  | 3.1   | 3.4   | 3.2   | 3.4   | 3.71  |
|                       | 42                | 2.73                      | 2.94  | 3.26  | 2.93  | 3.15  | 3.46  | 3.24  | 3.45  | 3.77  |
|                       | 36                | 2.76                      | 2.98  | 3.31  | 2.97  | 3.19  | 3.51  | 3.29  | 3.5   | 3.83  |
|                       | 30                | 2.81                      | 3.03  | 3.37  | 3.02  | 3.25  | 3.58  | 3.35  | 3.57  | 3.91  |
| 6                     | 45                | 2.9                       | 3.1   | 3.41  | 3.1   | 3.3   | 3.61  | 3.41  | 3.61  | 3.92  |
|                       | 42                | 2.94                      | 3.15  | 3.47  | 3.14  | 3.35  | 3.67  | 3.45  | 3.66  | 3.98  |
|                       | 36                | 2.97                      | 3.19  | 3.51  | 3.18  | 3.4   | 3.72  | 3.49  | 3.71  | 4.04  |
|                       | 30                | 3.02                      | 3.24  | 3.58  | 3.23  | 3.46  | 3.79  | 3.55  | 3.78  | 4.12  |
| 8                     | 45                | 3.32                      | 3.52  | 3.83  | 3.52  | 3.71  | 4.03  | 3.83  | 4.03  | 4.34  |
|                       | 42                | 3.36                      | 3.57  | 3.89  | 3.56  | 3.76  | 4.08  | 3.87  | 4.07  | 4.39  |
|                       | 36                | 3.39                      | 3.61  | 3.92  | 3.6   | 3.82  | 4.13  | 3.9   | 4.13  | 4.46  |
|                       | 30                | 3.44                      | 3.65  | 4     | 3.64  | 3.88  | 4.2   | 3.96  | 4.2   | 4.54  |

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