

**Weight/100 ft.<sup>2</sup>**

|                                  |           |
|----------------------------------|-----------|
| Terne II (30 ga.)                | 51 lbs.   |
| Terne II (28 ga) / KlassikKolors | 61 lbs.   |
| TCS II / TCS Satin               | 77 lbs.   |
| Copper 16 oz. Standing Seam      | 125 lbs.  |
| Built-up, 4 ply no gravel        | 175 lbs.  |
| Wood Shingles                    | 200 lbs.  |
| Galvanized, 20 Ga. Corr          | 225 lbs.  |
| Plates                           | 450 lbs.  |
| Built up, Marked by gravel       | 600 lbs.  |
| Slate                            | 700 lbs.  |
| Spanish Tile            1        | 850 lbs.  |
| Plain Tile                       | 1800 lbs. |

**Lineal Expansion Per 100 ft. Per 100° F**

|                          |           |
|--------------------------|-----------|
| Wood                     | .331 in.  |
| Slate                    | .696 in.  |
| Terne II / KlassikKolors | .825 in.  |
| TCS II / TCS Satin       | 1.064 in. |
| Copper                   | 1.064 in. |
| Zinc                     | 2.076 in. |
| Aluminum                 | 1.536 in. |

**Tensile Strength/in.<sup>2</sup>**

|                          |             |
|--------------------------|-------------|
| TCS II / TCS Satin       | 80,000 lbs. |
| Terne II / KlassikKolors | 45,000 lbs. |
| Zinc-across grain        | 36,000 lbs. |
| Copper                   | 32,000 lbs. |
| Zinc-with grain          | 27,000 lbs. |
| Aluminum                 | 25,000 lbs. |