



**Ultra-Dek® PANEL**  
24" Coverage

| SECTION PROPERTIES |       |        |                  |            |           |                  |            |           |
|--------------------|-------|--------|------------------|------------|-----------|------------------|------------|-----------|
|                    |       |        | NEGATIVE BENDING |            |           | POSITIVE BENDING |            |           |
| PANEL              | Fy    | WEIGHT | Ixe              | Sxe        | Maxo      | Ixe              | Sxe        | Maxo      |
| GAUGE              | (KSI) | (PSF)  | (IN.4/FT.)       | (IN.3/FT.) | (KIP-IN.) | (IN.4/FT.)       | (IN.3/FT.) | (KIP-IN.) |
| 26                 | 50    | 1.02   | 0.1025           | 0.0694     | 2.0764    | 0.2202           | 0.0901     | 2.6987    |
| 24                 | 50    | 1.23   | 0.1355           | 0.0951     | 2.8477    | 0.2803           | 0.1156     | 3.4612    |
| 22                 | 50    | 1.56   | 0.1837           | 0.1332     | 3.9877    | 0.3640           | 0.1504     | 4.5020    |

**NOTES:**

1. All calculations for the properties of Ultra-Dek panels are calculated in accordance with the 2012 edition of the North American Specification For Design Of Cold-Formed Steel Structural Members.
2. Ixe is for deflection determination.
3. Sxe is for bending.
4. Maxo is allowable bending moment.
5. All values are for one foot of panel width.

the design professional have a copy of the most current version of the North American Specification for the Design of Cold-Formed Steel Structural Members published by the American Iron and Steel Institute to facilitate design. This Specification contains the design criteria for cold-formed steel components. Along with the Specification, the designer should reference the most current building code applicable to the project jobsite in order to determine environmental loads. If further information or guidance regarding cold-formed design practices is desired, please contact the manufacturer.