The Ultra-Dek® roof panel is a snap-together, trapezoidal leg standing seam roof system. Ultra-Dek® panels are available in 18-inch and 24-inch widths. Ultra-Dek® requires a minimum slope of 1/4:12 and is ideal for industrial, commercial and architectural applications. Ultra-Dek® can be erected on various types of construction.

Features and Benefits:

- Begins and ends in the high, reducing the risk of leakage at the rake that can occur when finishing in the low.
- Low and high clips are available to allow for various thicknesses of insulation to be installed between the panels and purlins.
- Numerous UL 580 Construction rating are available, as well as UL 790, Class A for external fire, numerous roof assemblies for UL 263 for internal fire and the UL 2218 Class 4 impact rating.
- Ultra-Dek® carries Florida approval rating.

Product Specifications:

Applications: Roof
Coverage Widths: 18", 24"
Minimum Slope: 1/4:12
Panel Attachment: Concealed Fastening System; Low, High, Fix and Sliding

Gauges: 24 (standard); 22, 26 (optional)
Finishes: Smooth (standard); Embossed (optional)
Coatings: Galvalume Plus®, Signature® 200, Signature® 300, Signature® 300 Metallic
# Ultra-Dek® Standing Seam Roof Panel Systems

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<th>CHARACTERISTIC</th>
<th>TEST METHOD</th>
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<td>ENVIRONMENTAL</td>
<td>Air Leakage Through Roof Panel Joints</td>
<td>ASTM E1680</td>
<td>Determines the air leakage characteristics of metal roof panels under specified air pressure differences at ambient conditions</td>
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<td>Water Penetration Through Roof Panel Joints</td>
<td>ASTM E1646</td>
<td>Determines the resistance to water penetration of metal roof panels under uniform static air pressure difference</td>
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<td>Impact Resistance</td>
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<td>UL 263</td>
<td>Standard for Fire Tests of Building Construction and Materials</td>
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<td>STRUCTURAL</td>
<td>Uplift Resistance</td>
<td>ASTM E 1592</td>
<td>Provides a standard procedure to evaluate or confirm structural performance under uniform static air pressure difference</td>
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<td>AISI S100</td>
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<td>ROOF LISTINGS</td>
<td>Roof Performance Underwriters Laboratories</td>
<td>UL 580</td>
<td>Determines the uplift resistance of roof assemblies consisting of the roof and roof coverings materials</td>
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<td>Roof Performance Florida Approval</td>
<td>ASTM E 1592</td>
<td>Florida product approval is the approval of products and systems, which comprise the building envelope and structural frame, for compliance with the structural requirements of the Florida Building Code.</td>
</tr>
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</table>

**RESULT**

- **Air Leakage Through Roof Panel Joints**
  - 0.251 cfm/ft² at 6.24 psf static pressure
  - 0.502 cfm/ft² at 12.00 psf static pressure

- **Water Penetration Through Roof Panel Joints**
  - No uncontrolled water penetration through the panel joints at a static pressure of 12.00 psf

- **Impact Resistance**
  - Class 4 Rating

- **Room Fire Performance**: See Class A Fire Rating Data Sheet

- **Uplift Resistance**: See Load Chart Section

- **Gravity Loads**: See Section Properties and Allowable Load Table Section

- **Florida Approval**
  - See FL# 11819.5