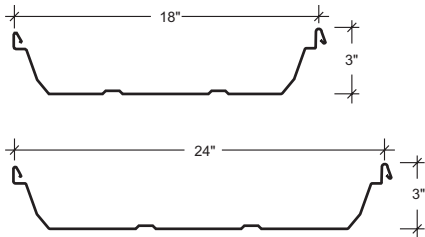
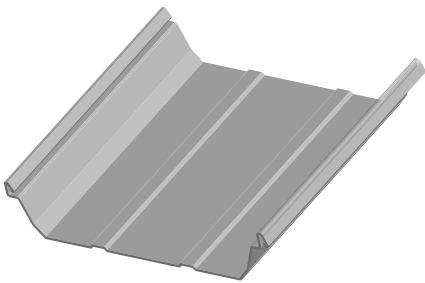




The Ultra-Dek® roof panel is a snap-together, trapezoidal leg standing seam roof system. Ultra-Dek® panels are available in 18-inch and 24-inch widths. Ultra-Dek® requires a minimum slope of 1/4:12 and is ideal for industrial, commercial and architectural applications. Ultra-Dek® can be erected on various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

| CATEGORY               | CHARACTERISTIC                              | TEST METHOD                      | PURPOSE  | RESULT   |
|------------------------|---|----------------------------------|--|--|
| <b>ENVIRONMENTAL</b>   | Air Leakage Through Roof Panel Joints       | ASTM E1680                       | Determines the air leakage characteristics of metal roof panels under specified air pressure differences at ambient conditions   | 0.251 cfm/ft <sup>2</sup> at 6.24 psf static pressure<br>0.502 cfm/ft <sup>2</sup> at 12.00 psf static pressure                          |
|                        | Water Penetration Through Roof Panel Joints | ASTM E1646                       | Determines the resistance to water penetration of metal roof panels under uniform static air pressure difference   | No uncontrolled water penetration through the panel joints at a static pressure of 12.00 psf   |
|                        | Impact Resistance                           | UL 2218                          | Determines Impact Resistance of prepared Roof Covering Materials   | Class 4 Rating   |
| <b>FIRE RESISTANCE</b> | Room Fire Performance                       | UL 790                           | Standard for Standard Test Methods for Fire Tests of Roof Coverings  | See Class A Fire Rating Data Sheet   |
|                        | Room Fire Performance                       | UL 263                           | Standard for Fire Tests of Building Construction and Materials   | For use in Design Nos. P225, P227, P230, P237, P265, P268, P508, P510, P512, P701, P711, P720, P722, P726, P731, P734, P801, P815, P819. |
| <b>STRUCTURAL</b>      | Uplift Resistance                           | ASTM E 1592                      | Provides a standard procedure to evaluate or confirm structural performance under uniform static air pressure difference   | See Load Chart Section   |
|                        | Gravity Loads                               | AISI S100                        | North American Specification for the Design of Cold-Formed Steel Structural Members  | See Section Properties and Allowable Load Table Section  |
| <b>ROOF LISTINGS</b>   | Roof Performance Underwriters Laboratories  | UL 580                           | Determines the uplift resistance of roof assemblies consisting of the roof and roof coverings materials  | Class 90 Rating - Construction Number 165, 180B, 205, 205A, 286, 308B, 534, 535, 536, 537 and 541.                                       |
|                        | Roof Performance Florida Approval           | ASTM E 1592<br>FM 4471<br>UL 790 | 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. | See FL# 11819.5  |