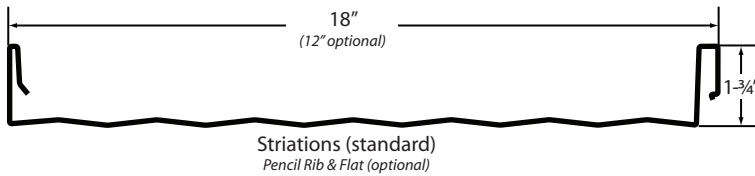


SL175

PRODUCT DATA SHEET



Your Roof. For Life.™



Snap Lock 1-3/4" High Seam

This Data Sheet is provided to assist you in determining the proper application for this roofing system. Refer to the applicable Guide Specifications and Detail Drawings on Union's web site for more details. Contact your local Union Roofing Representative for the most current information as the information contained herein may be revised at any time.



Union's SL175 snap lock metal roofing system utilizes one of the industry's most popular panel profiles. The roofing panels are easily snapped into place and secured to the building with concealed clips. A rooftop seaming machine is not required. The roof is attractive and allows for clean transitions where roof panels turn down and become a mansard, fascia or wall panels. The roof is attractive and has high wind uplift resistance. It is often specified for schools, shopping centers, banks, hotels, offices, condominiums and a variety of other applications.

PRODUCT ATTRIBUTES

- Easy installation. Panels snap lock into place without requiring electric seaming.
- Concealed clips and fasteners secure the roof panels to the roof structure
- 18" wide panels (12" optional)
- 24 gauge Galvalume Plus® steel substrate (26 gauge optional)
- Striated panel pan is standard (pencil ribs and flat optional)
- 12 standard colors available for 24 gauge with PVDF (Kynar®) finish
- 12 standard colors available for 26 gauge with Siliconized Modified Polyester (SMP) finish
- Custom colors available with minimum orders of 5,000 square fee (long lead time)
- Standard lengths available from 5' to 40' (contact Union for other length requirements)
- 30 year Galvalume Plus® Warranty available
- 30 year Paint Warranty available
- 10 and 20 year standard Weathertightness Warranties are available
- 3:12 Minimum Slope

ML175 - 16" PANEL WIDTH

- 24 gauge
- 50,000 psi yeild strength
- Deflection loads limited by ratio of L/240
- Factor of Safety 1.67

ALLOWABLE UNIFORM LOAD IN POUNDS PER SQUARE FOOT

SPAN	2.5'	3.0'	3.5'	4.0'	4.5'	5.0'	5.5'	6.0'
2	147	102	74	57	44	36	29	24
3	168	117	86	66	52	42	34	29

ML175 - 18" PANEL WIDTH

- 24 gauge
- 50,000 psi yeild strength
- Deflection loads limited by ratio of L/240
- Factor of Safety 1.67

ALLOWABLE UNIFORM LOAD IN POUNDS PER SQUARE FOOT

SPAN	2.5'	3.0'	3.5'	4.0'	4.5'	5.0'	5.5'	6.0'
2	131	90	66	50	39	32	26	22
3	149	104	76	58	46	37	30	25

DESIGN CONSIDERATIONS

- 3:12 or greater slope
- Install over solid deck or oepn steel framing (refer to load span tables)
- Snap lock side lap seams require sealant if air/water tests are specified
- Use sount attenuation (i.e. blanket insulation) beneath the metal roofing system to prevent roof noise during windy and/or thermal changing conditions
- UL-90 wind uplift and Class A fire resistance ratings