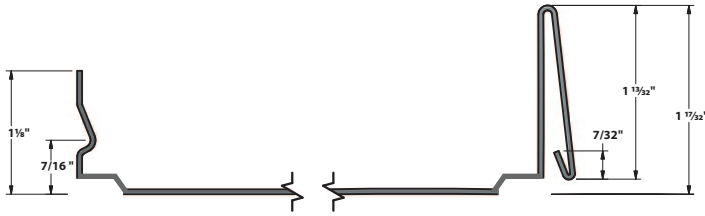


# FLATIRON STEEL SNAP LOCK PANEL

## MATERIAL SPECIFICATIONS



1.5" Snap Lock Panel SS450SL



1.75" Snap Lock Panel SS675

### Available Widths:

**1.5" Snap Lock:** 15.6" & 19.6"

**1.75" Snap Lock:** 13.875" & 17.875"

\*\*Panel design pressures, wind uplifts, and test reports are for specific deck attachments, material gauges, clip spacing, and panel widths\*\*

### Available Gauges:

**1.5" Snap Lock:** 22, 24 & 26

**1.75" Snap Lock:** 22, 24, & 26

### Weight:

**1.5" Snap Lock:** 1.00lbs/SqFt (24)  
.75lbs/SqFt(26)

**1.75" Snap Lock:** 1.25lbs/SqFt (22)  
1.00lbs/SqFt (24)  
.75lbs/SqFt (26)

**Substrate:** AZ-50, Grade D, 50,000ksi

**Available Materials:** Painted, Galvalume, Bonderized®, Cold Roll, 16 & 20 oz Copper

**Paint Systems:** Durapon70™ PVDF, ULTRA CLAD™ Kynar500®/Hylar5000®  
ValsparFluropon®

**Warranties:** Durapon70™ PVDF – 35 year  
ULTRA-CLAD™ - 35 year  
Zincalume® AZ50 – 20 year  
Valspar™PVDF - 35 year

**Production Options:** Either factory made to length with protective film to ensure damage free transport or rolled to length on site\*

\*Set up fee may apply

\*\*On site production is subject to order minimums\*\*

**Panel Options:** Flat Panel, Striations, Pencil Ribs or Bead Rolls,  
(Flat Panel requires a waiver)

### Testing For 1.75" Snap Lock Only:

- UL 580 Wind Uplift (Class 90)
- UL 2218 Class 4 Hail Impact
- UL 790 Class A Fire Rating



- ASTM E1680
- ASTM E1646
- ASTM E283
- ASTM E331
- ASTM E330/E330M
- ASTM E1592

## LOAD TABLES

Refer to Trim Pamphlet for Material Availability

### Inward Load Table (psf):

Span	Deflection Ratio L/180						
	2.00	2.50	3.00	3.50	4.00	4.50	5.00
24 ga x 16"	251	201	145	108	83	66	53
24 ga x 18"	205	131	90	66	50	39	32

Special Notes: Must use clip from SFS #728734

## APPLICATION DETAILS:

### 1.5" Snap Lock

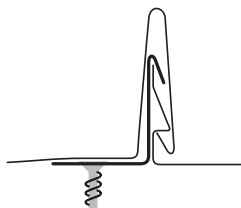
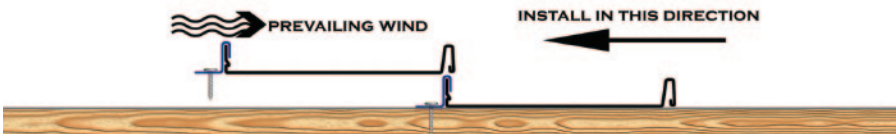
**Installation:** Can be installed on solid wood decking

**Minimum Slope:** 3:12

### 1.75" Snap Lock

**Installation:** : Can be installed over open frame steel purlins, steel decking, steel decking with polyiso board, or solid wood decking

**Minimum Slope:** 1:12 Solid Wood Decking (hot melt required below 3:12)  
2:12 On All Other Surfaces



\*\*Flatiron Steel is neither partially or soley responsible for improper installation or defects as a result of installation\*\*