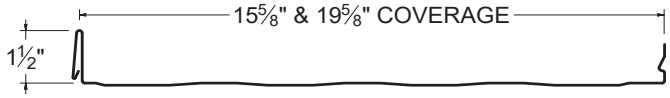
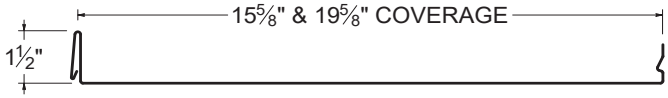
TAYLOR METAL PRODUCTS

Slim-Lock™
Standing Seam Panel Technical Data Resource

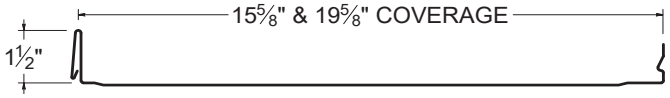
STRIATIONS



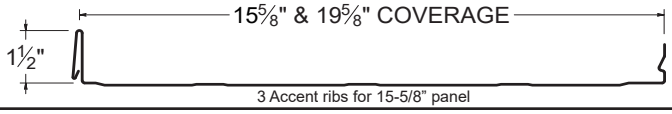
FLAT



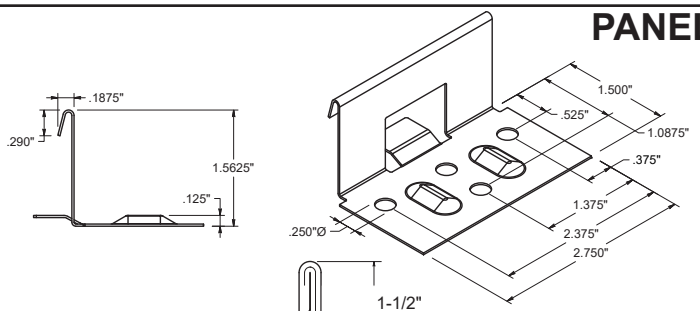
CLIP RELIEF



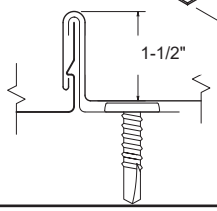
ACCENT RIBS



PANEL CLIPS



SEAM DETAIL



Clip spacing
Panel clip spacing is based on structural design loads, engineered spanning capabilitiy of the panels and substrate.

Fasteners
All fasteners going into steel or plywood must extend at least 3 full threads beyond the material. When attaching to dimensional lumber, 1" embedment is required.

STANDARD CLIP: for U.S. rated and engineered solid deck applications. Accommodates for unlimited thermal movement in both directions. Clips are fabricated from Grade 50 G90 base steel, 18 ga.

KEY FEATURES

- Standard coverages: 15-5/8" & 19-5/8" (24ga. only) *(For other widths, please inquire)*
- Non Standard coverages/requires slitting: 11-7/8" & 12"
- 24 & 22 Tru-Gauge™ and .032" Aluminum
- 16 & 20 oz. Copper *(Please inquire)*
- Floating clip system: allows for expansion & contraction of panels in longer lengths
- 1-1/2" vertical rib
- Standard factory notched panels
- Concealed fasteners: fasteners cannot leak
- 3:12 minimum pitch recommended *(For lower pitches, please inquire)*
- Standard panel lengths 4' to 60'
  Minimum length 2' Notched
  Minimum length 1' Not Notched
  (For longer panels, please inquire)
- 2' Shortcut capability *(Fee applicable)*
- Onsite roll forming available
- Panel options: Striations, Accent Ribs, and Flat Pan
- Manufactured in Salem, Oregon

TESTING

- UL Code compliance UL Evaluation Report
  UL ER #25913-01
- UL Construction No. 589
  (Slim-Lock™ carries its UL Classifications under the Clip-Lock 150 (CA) profile designation)
- UL 580 Class 90 - Wind Uplift
- UL 790 Class A (ASTM E108) - Fire rated
- UL 2218 Class 4 - Impact (hail) rated
- ASTM A653/A924 - G90 Galvanized
- ASTM A792 - Zincalume/Galvalume AZ-50/55
- ASTM B209 - Aluminum Substrate

WEIGHT CHART

Slim-Lock	WIDTH	24 GA STEEL	22 GA STEEL	.032" ALUM	.040" ALUM
THICKNESS		0.0236"	0.0285	0.032"	0.040"
WEIGHT/LINFT	15-5/8"	1.602 LBS	1.935 LBS	0.759 LBS	0.950 LBS
WEIGHT/SQFT	15-5/8"	1.231 LBS	1.486 LBS	0.583 LBS	0.730 LBS
WEIGHT/LINFT	19-5/8"	1.923 LBS	2.323 LBS	0.911 LBS	1.140 LBS
WEIGHT/SQFT	19-5/8"	1.176 LBS	1.420 LBS	0.557 LBS	0.697 LBS