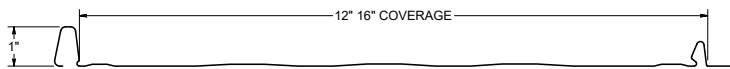
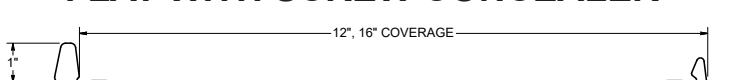


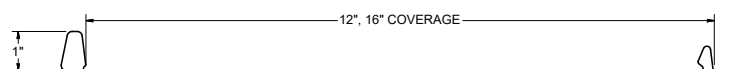
STRIATIONS WITH SCREW CONCEALER



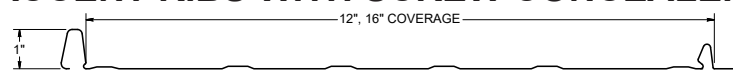
FLAT WITH SCREW CONCEALER



FLAT

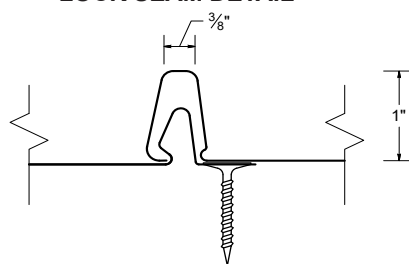


ACCENT RIBS WITH SCREW CONCEALER

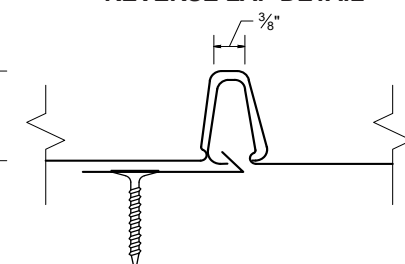


3 Accent ribs for 12" panel
4 Accent ribs for 16" panel
(16" panel shown)

LOCK SEAM DETAIL




REVERSE LAP DETAIL



KEY FEATURES

- 12" and 16" coverage options
- 26, 24 & 22 Tru-Gauge™ and .032" Aluminum
- 16 & 20 oz. Copper (*Please inquire*)
- Factory-notched and tabbed panels available
- Vertical interlocking application: allows installation from both directions starting at any location
- Patented no-siphon lock seam
- 1" vertical rib with 3/8" flat top for ease of flashing attachment
- Concealed fasteners: fasteners cannot leak
- Pre-slotted fastener flange: allows expansion & contraction of panel (high wind clips available for panel lengths over 35')
- 3:12 minimum pitch recommended (*For lower pitches, please inquire*)
- Standard panel lengths 4' to 35' - not notched
Standard panel lengths 1' to 35' - notched (*For longer panels, please inquire*)
- Panel options: Striations, Accent Ribs, and Flat Pan
- Manufactured in Salem OR, Auburn WA, Sacramento CA and Riverside CA

TESTING

-  Code compliance UL Evaluation Report
UL ER #25913-01
- UL Construction No. 529
- 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
- ASTM E2886 - Ember Resistant ridge/endwall/peak flashings available

WEIGHT TABLE

EASY-LOCK	WIDTH	26 GA STEEL	24 GA STEEL	22 GA STEEL	.032" ALUM	.040" ALUM
THICKNESS		0.019"	0.0236"	0.0285	0.032"	0.040"
WEIGHT/LINFT	12"	1.106 LBS	1.305 LBS	1.576 LBS	0.618 LBS	0.760 LBS
WEIGHT/SQFT	12"	1.106 LBS	1.305 LBS	1.576 LBS	0.618 LBS	0.760 LBS
WEIGHT/LINFT	16"	1.378 LBS	1.626 LBS	1.963 LBS	0.770 LBS	0.950 LBS
WEIGHT/SQFT	16"	1.033 LBS	1.219 LBS	1.472 LBS	0.578 LBS	0.713 LBS

NEGATIVE LOAD CHART

				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)		
Width, in.	Gauge	Yield ksi	Weight psf	Top in Compression			Bottom in Compression			Negative Load		
				I_{xx} in ⁴ /ft.	I_{xx} (eff) in ⁴ /ft.	S_{xx} in ³ /ft.	I_{xx} in ⁴ /ft.	I_{xx} (eff) in ⁴ /ft.	S_{xx} in ³ /ft.	11"	22"	33"
16	24	50	1.22	0.0163	0.0145	0.0187	0.0102	0.0120	0.0156	63.5	43.1	22.7
16	22	50	1.47	0.0233	0.0211	0.0247	0.0157	0.0179	0.0204	63.5	43.1	22.7
16	0.032"	19	0.58	0.0263	0.0263	0.0276	0.0263	0.0263	0.2300	22.7		
16	0.040"	19	0.71	0.0331	0.0331	0.0341	0.0331	0.0331	0.2750	22.7		

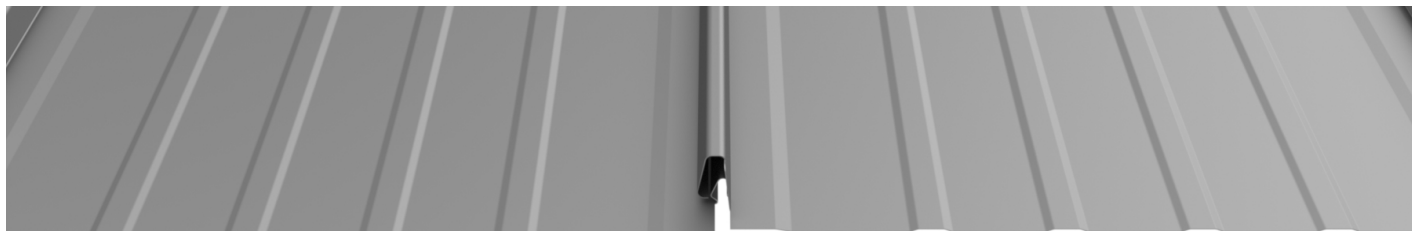
1. Theoretical section properties for steel panels have been calculated per AISI S100 Specifications for Design of Cold-Formed Steel Structural Members.
2. Charted Load/Span values are based on UL580/UL1897 testing protocol.
3. Panel tested over plywood (15/32" min. APA rated) substrate.
4. Charted allowable uniform loads cannot be increased by 1/3
5. Panel tested has fastener flange with slots at 11" o/c along male rib.
6. Panel attached to plywood substrate with two (2) #10-13 GP low-profile pancake head screws.

POSITIVE LOAD CHART WITH

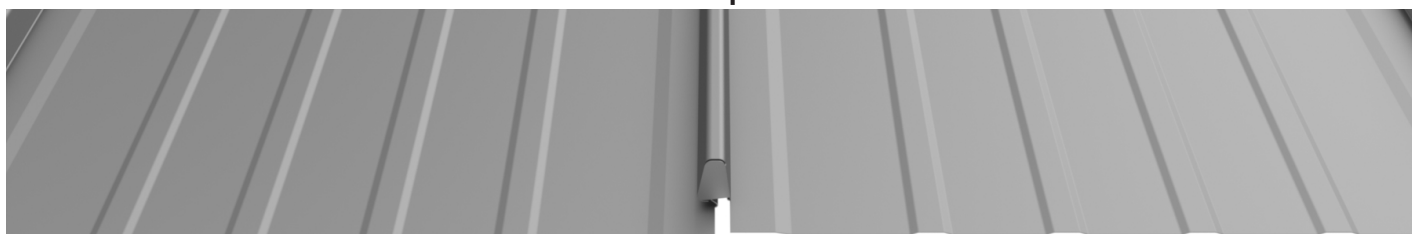
				SECTION PROPERTIES						ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)								
Width, in.	Gauge	Yield ksi	Weight psf	Top in Compression			Bottom in Compression			Positive Load								
				I_{xx} in ⁴ /ft.	I_{xx} (eff) in ⁴ /ft.	S_{xx} in ³ /ft.	I_{xx} in ⁴ /ft.	I_{xx} (eff) in ⁴ /ft.	S_{xx} in ³ /ft.	2'	2.5'	3'	3.5'	4'	4.5'	5'	5.5'	6'
16	24	50	1.22	0.0163	0.0145	0.0187	0.0102	0.0120	0.0156	97.5	62.4	43.3	31.8	24.4	20.0			
16	22	50	1.47	0.0233	0.0211	0.0247	0.0157	0.0179	0.0204	127.5	81.6	56.7	41.6	31.9	25.2	20.4		
16	0.032"	19	0.58	0.0263	0.0263	0.0276	0.0263	0.0263	0.2300									
16	0.040"	19	0.71	0.0331	0.0331	0.0341	0.0331	0.0331	0.2750									

1. Theoretical section properties for Steel panels have been calculated per 2020 AISI S100 North American Specifications for the Design of Cold-Formed Steel Structural Member.
2. Allowable loads for steel panels are calculated in accordance with 2020 AISI S100 specifications considering bending, shear, combined bending and shear and deflection. Allowable load considers a 3 or more equal span condition.
3. Allowable loads for Aluminum panels are calculated in accordance with the 2020 edition of the Aluminum Association's Design Manual considering bending, shear, combined bending and shear and deflection. Allowable load considers a 3 or more equal span condition.
4. The Easy Lock Panel when installed as a three-span condition with spans of 5ft. On center for steel is capable of withstanding the minimum uniform distributed load of 20 psf (0.958 kPa) noted in table 1607.1 of the IBC and a minimum concentrated load of 300 lbf (1.33 kN). Aluminum panels have been omitted because they fall below minimum uniform distributed live load of 20 psf (0.958 kPa).
5. When panels are installed over solid or closely fitted deck sheathing, the capacity is limited to the capacity of the underlying sheathing.

PANEL ATTACHMENT



Tab open



Tab closed