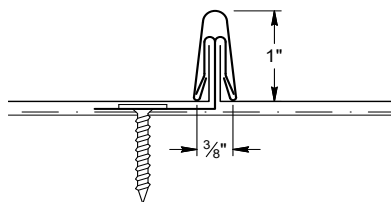
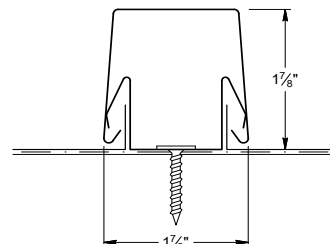


**Narrow Batten Clip System:**



**Wide Batten Clip System:**



**T-PANEL KEY FEATURES**

- T-Panel™: 24 & 22 gauge Tru-Gauge™, .032 Aluminum, 16 & 20 oz. copper
- Vertical interlocking applications: allows installation from both directions starting at any location
- Tapered panels available

- Standard panel lengths 2' to 60'
- 3:12 minimum pitch recommended
- Concealed fasteners: fasteners cannot leak
- Panel options: Striations, Accent Ribs, and Flat Pan

**NARROW BATTEN KEY FEATURES**

- T-Panel™ standard nominal width: 12", 16", and 20" (Please inquire for other coverage options)
- Narrow Batten: fabricated in 24 gauge steel, .032" aluminum and 16 & 20 oz. copper
- Narrow Batten: 1" vertical rib
- Factory and field radius of roof panels and Narrow Battens down to 4' radius
- Full length Narrow Battens are roll formed
- Narrow Batten incorporates nicely with 1" Snap Lock panels like Easy-Lock™, Streamline™, or Premier-Lock™ standing seam panel
- UL 790 Class A Fire rated & UL 2218 Class 4 Impact (hail) rated, UL580 Class 90 Wind Uplift rated for use with Narrow Batten
- UL Construction No. 344, 397 & 397A for use with Narrow Batten
- ASTM E1646/E331 Water Penetration and E1680/E283 Air Leakage Testing (coming in 2024)

**WIDE BATTEN KEY FEATURES**

- T-Panel™ standard nominal width: 14" and 18" (Please inquire for other coverage options)
- Wide Batten: fabricated in 24 gauge steel, .032" aluminum and 16 & 20 oz. copper
- Wide Batten: 1-7/8" vertical rib
- Curving not available on Wide Batten profile
- Full length Wide Battens are roll formed
- Wide Batten incorporates nicely over Versa-Span™ standing seam panel (separate clip required)
- UL 790 Class A Fire rated & UL 2218 Class 4 Impact (hail) rated, UL580 Class 90 Wind Uplift rated for use with Wide Batten
- UL Construction No. 344, 397 & 397A for use with Wide Batten
- ASTM E1646/E331 Water Penetration and E1680/E283 Air Leakage Testing (coming in 2024)

**WEIGHT CHART**

T-Panel	TYPE	24 GA STEEL	.032" ALUM
THICKNESS		0.0236"	0.032"
WEIGHT/LINFT	12"	1.093 LBS	0.518 LBS
WEIGHT/SQFT	12"	1.093 LBS	0.518 LBS
WEIGHT/LINFT	16"	1.414 LBS	0.670 LBS
WEIGHT/SQFT	16"	1.061 LBS	0.502 LBS
WEIGHT/LINFT	20"	1.735 LBS	0.822 LBS
WEIGHT/SQFT	20"	1.041 LBS	0.493 LBS

## NEGATIVE LOAD CHART OVER SOLID DECK

				ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)						
Width, in.	Gauge	Yield ksi	Weight psf	Negative Load						
				1'	1.5'	2'	2.5'	3'	3.5'	4'
16	24	50	1.19	59.9	52.9	46.0	39.0	32.1	25.1	18.2
16	22	50	1.61	59.9	52.9	46.0	39.0	32.1	25.1	18.2
16	20	33	2.02	59.9	52.9	46.0	39.0	32.1	25.1	18.2
16	18	33	2.43	59.9	52.9	46.0	39.0	32.1	25.1	18.2

- Charted Load/Span values are based on ASTM E1592-05 (2017) testing protocol.
- Charted Allowable Uniform Loads are based on the Ultimate Uniform Load (per ASTM E1592-05 testing) divided by a 2.00 Factor-of-Safety.
- Panel substrate (structure) may include: plywood/OSB or metal deck.
- Panel uses a 24GA. X 2" long fixed clip.
- All panel gauges utilize a 24GA. Batteh cap
- Clip attached to 16GA. (min) Steel purlins with two (2) #10-16 low-profile pancake head self-drilling screws.

## NEGATIVE LOAD CHART OVER OPEN PURLIN

				ALLOWABLE UNIFORM LOADS, psf For various clip spacings (i.e. span values)					
Width, in.	Gauge	Yield ksi	Weight psf	Negative Load					
				8"	1'	1.5'	2'	2.5'	3'
16	24	50	1.19	86.0	77.0	63.4	49.8	36.2	22.6
16	22	50	1.61	86.0	77.0	63.4	49.8	36.2	22.6
16	20	33	2.02	86.0	77.0	63.4	49.8	36.2	22.6
16	18	33	2.43	86.0	77.0	63.4	49.8	36.2	22.6

- Charted Load/Span values are based on UL580 / UL1897 testing protocol.
- Charted Allowable Uniform Loads are based on the Ultimate Uniform Load (per UL580/UL1897 testing) divided by a 2.00 Factor-of-Safety.
- Panel tested over plywood (15/32" min. APA rated) substrate.
- Panel tested using 2" long X 24GA. Steel fixed clip.
- All panel gauges utilize a 24GA. Batten cap.
- Clip attached to 15/32" plywood substrate with two (2) #10-13 low-profile pancake head screws.