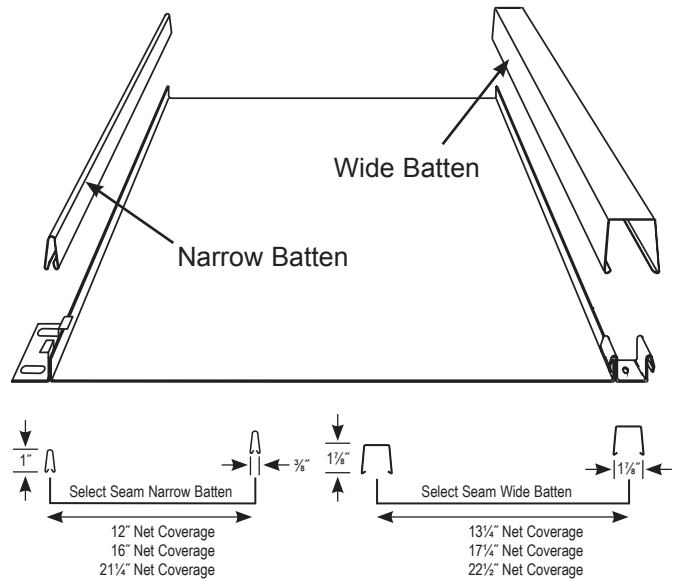


# Select Seam®

**Select Seam** is a concealed fastened, non-structural, batten seam metal roof system.

Select Seam's wide pan appearance offers a clean, classic architectural effect ideal for institutional and commercial work, such as educational facilities, commercial office buildings, hotels, fire stations and retrofit applications.



Properties								
Gauge	Base Steel Thickness (in)	Yield (ksi)	Tensile (ksi)	Wt. (lbs/ft <sup>2</sup> )	I+ (in <sup>4</sup> /ft)	S+ (in <sup>3</sup> /ft)	I- (in <sup>4</sup> /ft)	S- (in <sup>3</sup> /ft)
24	0.0232	50	65	1.36	0.0020	0.0011	0.0036	0.0055
22	0.0232	50	65	1.71	0.0029	0.0024	0.0047	0.0072

NOTES: The moments of inertia, I<sup>+</sup> and I<sup>-</sup>, presented for determining deflection are:  $(2I_{\text{Effective}} + I_{\text{Gross}})/3$

## standard features

- Available in Narrow Batten and Wide Batten options in the following widths:
  - Narrow Batten: 12" 16" and 21 1/4"
  - Wide Batten: 13 1/4" 17 1/4" and 22 1/2"
- Available in 24ga and 22ga in standard finishes – refer to AEP Span Color Charts for full range of color options and paint systems.
- Custom manufactured sheet lengths from 5'-0" to 45'-0."
- Recommended minimum slope of 3:12
- Performance testing (ratings based on specific assemblies):
  - Wind uplift – Meets UL 580- Class 90 wind uplift requirements (24 ga minimum). Per ASTM E1592: 12", 16" Narrow Batten, 17 1/4" Wide Batten.
  - Air & water infiltration per ASTM E283 and ASTM E331: Narrow Batten only with sealant.

## optional features

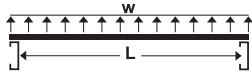
- Short cut sheets from 5'-0" to 1'-0". Additional fees and lead times may apply.
- Longer lengths available up to 60'0" Additional fees and lead times may apply.
- Subtle striations available between ribs to reduce the appearance of oil canning
- Stucco embossed – Subject to 500 lf minimum. Additional fees and lead times may apply.
- Available tapered for unique architectural applications.
- Factory applied butyl sealant for ease of installation and weathertightness.
- Narrow Batten panels can be field curved for radius applications.

# Select Seam®

Panel	Gauge	Allowable Outward Loads (lbs/ft <sup>2</sup> ) per Span (ft.-in.)								
		1' - 0"	1' - 6"	2' - 0"	2' - 6"	3' - 0"	3' - 6"	4' - 0"	4' - 6"	5' - 0"
12" Select Seam Narrow Batten	22ga	132	105	77	50	61	52	44	36	27
	24ga	95	78	61	54	48	41	35	28	22
16" Select Seam Narrow Batten	22ga	97	81	65	58	50	43	35	28	21
	24ga	70	55	40	36	32	28	24	19	15
17.25" Select Seam Wide Batten	22ga	47	39	30	21	19	17	14	12	10
	24ga	47	39	30	21	19	17	14	12	10

#### OUTWARD LOAD TABLE LEGEND

L - Span (Inches)  
w - Distributed load



#### NOTES:

- Steel conforms to ASTM A792 (Zincalume).
- Values are based on the American Iron and Steel Institute (AISI) "Cold Formed Steel Design Manual" (2007 Edition).
- Inward load tables not provided. Select Seam requires installation over a solid substrate.

Specifications subject to change without notice.

**Oil Canning** : All flat metal surfaces can display waviness commonly referred to as "oil canning". "Oil canning" is an inherent characteristic of steel products, not a defect, and therefore is not a cause for panel rejection.