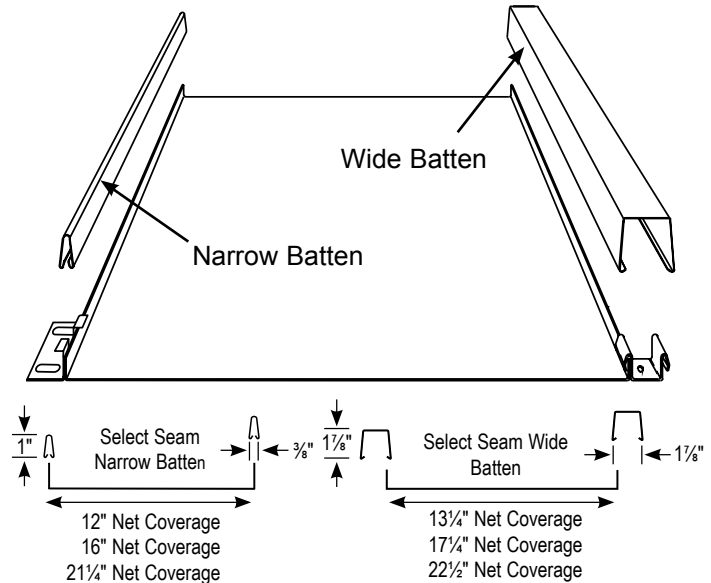


Select Seam is a concealed fastener, non-structural, batten seam metal roof system.

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.



Section Properties

Gauge	Base Steel Thickness (in)	Yield (ksi)	Tensile (ksi)	Wt. (lbs/ft ²)	I+ (in ⁴ /ft)	S+ (in ³ /ft)	I- (in ⁴ /ft)	S- (in ³ /ft)
12" Select Seam (13¼" Wide Batten)								
24	0.0232	50	65	1.49	0.0039	0.0032	0.0063	0.0073
22	0.0294	50	65	1.86	0.0039	0.0032	0.0063	0.0096
16" Select Seam (17¼" Wide Batten)								
24	0.0232	50	65	1.36	0.0029	0.0024	0.0047	0.0055
22	0.0294	50	65	1.71	0.0029	0.0024	0.0047	0.0072
21¼" Select Seam (22½" Wide Batten)								
24	0.0232	50	65	1.25	0.0021	0.0019	0.0036	0.0042
22	0.0294	50	65	1.57	0.0021	0.0019	0.0036	0.0054

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

standard features

- Factory applied sealant is a standard for Narrow Batten, except for curved applications and short cuts.
- Available Batten width options:
 - Narrow Batten: 12", 16" and 21¼"
 - Wide Batten: 13¼", 17¼" and 22½"
- Available in 24ga and 22ga in standard finishes. (Refer to AEP Span Color Charts for full range of color options, prints textures, finishes 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, 17¼" Wide Batten.
 - Air & water infiltration per ASTM E283 and ASTM E331: Narrow Batten only with sealant.
- Panel (12" and 16") evaluated by accredited third party. All structural performance data is contained within an IBC/IRC 2015 code compliance report.



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 square feet 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 to a 4' radiused application.

Panel	Gauge	Allowable Outward Loads (lbs/ft ²) 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	69	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



NOTES:

- The information in this table applies to uniform loads only.
- Steel conforms to ASTM A792 (ZINCALUME®) 50,000 psi minimum yield.
- Maximum allowable outward load capacities are shown and dependent upon fastener-to-substrate capacities. Refer to IAPMO-UES report #ER-0309 for specific product capacities.
- 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.



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For most current versions of literature please visit
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