Select Seam®

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

<table>
<thead>
<tr>
<th>Gauge</th>
<th>Base Steel Thickness (in)</th>
<th>Yield (ksi)</th>
<th>Tensile (ksi)</th>
<th>WL (lbs/ft²)</th>
<th>I+ (in²/ft)</th>
<th>S+ (in³/ft)</th>
<th>I- (in²/ft)</th>
<th>S- (in³/ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>12&quot; Select Seam (13¼&quot; Wide Batten)</td>
<td>24</td>
<td>0.0232</td>
<td>50</td>
<td>65</td>
<td>1.49</td>
<td>0.0026</td>
<td>0.0015</td>
<td>0.0048</td>
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<tr>
<td>22</td>
<td>0.0294</td>
<td>50</td>
<td>65</td>
<td>1.86</td>
<td>0.0039</td>
<td>0.0032</td>
<td>0.0063</td>
<td>0.0096</td>
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<td>0.0232</td>
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<td>65</td>
<td>1.36</td>
<td>0.0020</td>
<td>0.0011</td>
<td>0.0036</td>
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<tr>
<td>22</td>
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<td>65</td>
<td>1.71</td>
<td>0.0029</td>
<td>0.0024</td>
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<td>65</td>
<td>1.25</td>
<td>0.0015</td>
<td>0.0008</td>
<td>0.0027</td>
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<tr>
<td>22</td>
<td>0.0294</td>
<td>50</td>
<td>65</td>
<td>1.57</td>
<td>0.0021</td>
<td>0.0019</td>
<td>0.0036</td>
<td>0.0054</td>
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</tbody>
</table>

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

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**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 (24ga 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 2018 code compliance report.

**optional features**

- Short cut sheets from 5’-0” to 1’-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 weather tightness.
- Narrow Batten panels can be field curved to a 4’ radiused application.

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Customer Service Center Tacoma, WA. Phone: 800-733-4955 Fax: 253-272-0791 www.aepspan.com
<table>
<thead>
<tr>
<th>Panel</th>
<th>Gauge</th>
<th>1' - 0&quot;</th>
<th>1' - 6&quot;</th>
<th>2' - 0&quot;</th>
<th>2' - 6&quot;</th>
<th>3' - 0&quot;</th>
<th>3' - 6&quot;</th>
<th>4' - 0&quot;</th>
<th>4' - 6&quot;</th>
<th>5' - 0&quot;</th>
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<tbody>
<tr>
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<td></td>
<td>24ga</td>
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<td>81</td>
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<tr>
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<td>24ga</td>
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<td>55</td>
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<td>36</td>
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<td>15</td>
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<td>39</td>
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<td>19</td>
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<td>14</td>
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<tr>
<td></td>
<td>24ga</td>
<td>47</td>
<td>39</td>
<td>30</td>
<td>21</td>
<td>19</td>
<td>17</td>
<td>14</td>
<td>12</td>
<td>10</td>
</tr>
</tbody>
</table>

**OUTWARD LOAD TABLE LEGEND**

- **L** - Span (Inches)
- **W** - Distributed load

**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.