

Fastener Selection Guide

Most Common Fasteners used in the Installation of Metal Roofing and Siding

Exposed Fastener Panels			
REFER TO INSTALLATION GUIDES FOR EXACT FASTENER PLACEMENT			
Installation Type	Common Fasteners - Panel-to-Substrate (A)		Common Fasteners - Panel Lap (B)
<p>INSTALLATION OVER WOOD</p>	<p>#14 Milled Point</p>	<p>#14x7/8" Stitch (Lap) Screw</p>	
<p>INSTALLATION OVER METAL FRAMING</p>	<p>#12-14tpi Self-Drill (For 22-14ga Framing)</p>	<p>#14x7/8" Stitch (Lap) Screw</p>	
	<p>#12-24tpi Self-Drill (For 14ga & Heavier Framing)</p>		

Proper Installation of Gasketed Fasteners

Correctly Driven Under Driven Over Driven

Trims & Flashings Attachment		
	#14x7/8" Stitch (Lap) Screw	For trim-to-trim and trim-to-panel attachments.
	#12x3/4" Stitch (Lap) Screw	
	1/8" Stainless Steel Rivets	Option for trim-to-trim attachment. Not watertight

FASTENER NOTES:

- Refer to installation guides for proper fastener attachment spacing and location of fasteners across panel. Additional fastener attachment information located within AEP SPAN's code compliance reports: ER-0550 & ER-0309.
- Items in shaded box are available color matched with our metal roofing or siding.
- Screws must be properly driven to ensure proper seal and holding strength. Do not underdrive or overdrive the screws, especially those with sealing washers.
- Panel attachment screws must be long enough to penetrate through the substrate by at least 3/8" (if lumber, penetrate into lumber by at least one inch of effective threads (not including tapered portion)).
- All screws must have durable, long life organic coatings, or be made of stainless steel to provide adequate protection against corrosion.
- It is recommended that fasteners be sourced through AEP Span to ensure quality fasteners, and color matching is achieved.

Concealed Fastener Panels	
Installation Type	Common Fasteners
<p>INSTALLATION OVER WOOD</p>	<p>#10 or #12 Pan Head Wood Screw^{1,2}</p>
<p>INSTALLATION OVER RIGID INSULATION + METAL DECK</p>	<p>#14 Deckfast™ or Concealor™ Long Length Deck Screws^{1,2}</p>
<p>INSTALLATION OVER METAL FRAMING</p>	<p>#12-14tpi HWH Self-Drill¹</p>
	<p>#12-24tpi HWH Self-Drill¹</p>
	<p>#10 or #12 Pan Head Self-Drill²</p>
	<p>#12-24tpi Pan Head Self-Drill²</p>
	<p>¹Applicable Products: Span-lok™ hp, SpanSeam™, Flex Series, Perception Collection®, Prestige Series®</p>
	<p>²Applicable Products: Design Span® hp, Select Seam®, Flex Series, Flush Panel, Perception Collection®, Prestige Series®</p>