

Fastener Selection

Fastener #	Description	Use
1	#9 x 1", 1 1/2", 2", 2 1/2", 3" Wood Screw 1/4" Hex Head	Panel to Dimensional Lumber
2	#14 x 1", 2" Wood Screw 5/16" Hex Head	Panel to Plywood Minimum 1/2" thick, structural grade
3	#12 x 3/4" Stitch Screw 1/4" Hex Head (compatible with #10 wood screw)	Trim and side lap attachments
4	#14 x 7/8" Lap Self Driller 5/16" Hex Head (compatible with #14 wood screw)	Trim and side lap attachments. Attach panels to 18, 20, 22 gauge supports.
5	STST-42 Stainless Steel Rivet 1/8 x 1/8 *Requires sealant over rivet head.	Trim-to-trim or trim-to-wall panel attachments
6	#12 x 1", 1 1/2", 2", 1 1/2" Self Driller 5/16" Hex Head	Panel to purlin attach- ments

Notes:

- The table above shows the metal buildings panel fasteners provided by AEP Span. Refer to the panel flashing details and fastener placement pages of this manual for specific usage.
- Panel attachment screws must be long enough to fully penetrate through the roof decking, or penetrate solid lumber at least one inch.
- All screws must be coated to provide protection against corrosion.
- Exposed fasteners should have sealing washers and be the same color as the parts they attach.
- Roofing nails will also be required, but not furnished by AEP Span. They are typically used to temporarily hold a flashing in place that needs to be installed prior to panels.
- Screws must be properly driven to ensure proper seal and holding strength. Do not underdrive or overdrive the screws. Recommended drill speed is 2000 rpm. Use of a depth-sensing nosepiece will aid in properly driving screws.

