

# Fastener Selection Guide

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

Exposed Fastener Panels				
Installation Type	Placement - A Panel-to-Substrate		Placement - B Panel Lap	
<p><b>INSTALLATION OVER PLYWOOD OR OSB</b></p>		#14 Milled Point		#14x7/8" Stitch (Lap) Screw
<p><b>INSTALLATION OVER METAL FRAMING</b></p>		#12-14tpi Self-Drill (For 22-14ga Framing)		#14x7/8" Stitch (Lap) Screw
		#12-24tpi Self-Drill (For 14ga & Heavier Framing)		
<p><b>INSTALLATION OVER DIMENSIONAL LUMBER</b></p>		#9 Metal-To-Wood Screw		#12x3/4" Stitch (Lap) Screw (#12 Screw Head Matches Panel Screw Head For Consistency)
Concealed Fastener Panels		Trims & Flashings Attachment		
<p>Skyline Roofing</p>			#14x7/8" Stitch (Lap) Screw	For trim-to-trim and trim-to-panel attachments.
<p><b>INSTALLATION OVER PLYWOOD OR OSB</b></p>			#12x3/4" Stitch (Lap) Screw	
			1/8" Stainless Steel Rivets	Option for trim-to-trim attachment. Not watertight
<p>Design Span <math>h_p</math></p>			Roofing Nails	Used to temporarily hold a flashing in place that needs to be installed prior to panels.
<p><b>INSTALLATION OVER WOOD</b></p>		<p><b>Proper Installation of Gasketed Fasteners</b></p> <div> </div> <p>Correctly Driven      Under Driven      Over Driven</p>		
<p><b>INSTALLATION OVER METAL FRAMING</b></p>		<p><b>FASTENER NOTES:</b></p> <ul style="list-style-type: none"> <li>Refer to <a href="#">installation guides</a> for proper fastener attachment spacing and location of fasteners across panel. Additional fastener attachment information located within ASCBP's code compliance reports: <a href="#">ER-0550</a> &amp; <a href="#">ER-0309</a>.</li> <li>Items in shaded box are available color matched with our metal roofing or siding.</li> <li>Screws must be properly driven to ensure proper seal and holding strength. Do not underdrive or overdrive the screws, especially those with sealing washers.</li> <li>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)).</li> <li>All screws must have durable, long life organic coatings, or be made of stainless steel to provide adequate protection against corrosion.</li> <li>It is recommended that fasteners be sourced through ASC Building Products to ensure quality fasteners, and color matching is achieved.</li> </ul>		
	#12-24tpi Pan Head Self drilling screw (For 14ga & heavier framing)			