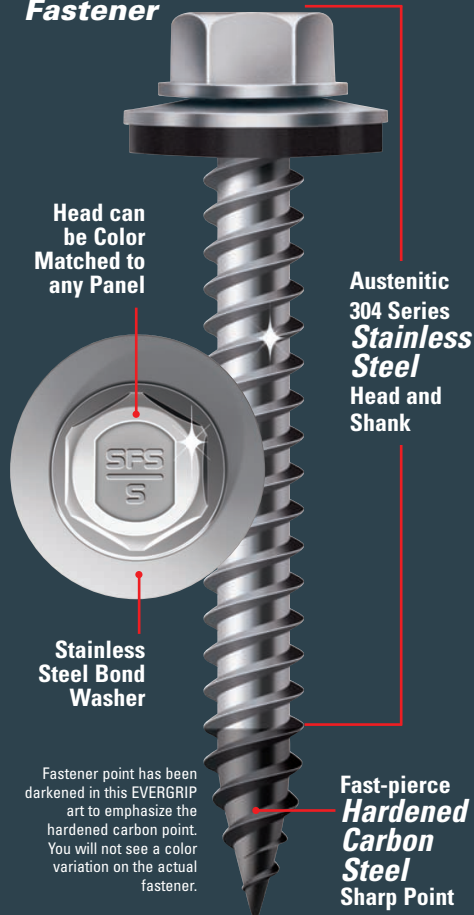


For more information on the EVERGRIP fastener and how it will help you beat ACQ/CA corrosion, contact: your local SFS intec distributor, or call SFS intec, Inc. 1-800-234-4533 or visit our web site at: www.sfsintecusa.com



To make you more competitive.

Anatomy of the EVERGRIP™ 304 Stainless Steel Bi-Metal Fastener



ACQ/CA: Avoid liability from hidden fastener corrosion!

**NOW WITH
A 40-YEAR
WARRANTY!***
*Contact SFS intec for warranty details.

Only
EVERGRIP™
304 STAINLESS STEEL BI-METAL FASTENERS

prevents ACQ/CA fastener
corrosion permanently.

Every specifier and builder must understand the ACQ/CA corrosion issue. Don't allow yourself to be exposed to serious problems a few years from now!

Understanding Galvanic Corrosion

ACQ and CA are copper-based wood preservatives: they are effective in preventing rot and insect infestation in permanent wood construction applications. Unfortunately, they are also highly corrosive to traditional metal panel fasteners.

Unlike the corrosive effects of water, salt, and acid rain, the corrosion threat in these materials is not *atmospheric* – it is *galvanic*. This means that corrosion prevention must be accomplished in a different way.

To prevent atmospheric corrosion, it is simply necessary to install fasteners properly, ensuring that barrier coatings remain intact and that sealing washers are tight and secure. But to prevent galvanic corrosion, fastener

coatings are not reliable. The mere process of installation through steel panels compromises these coatings and allows the galvanic reaction to start.

When the galvanic reaction occurs, the copper in the preservative treatment solution becomes a "cathode," and the coated carbon steel fastener acts as an "anode." At an unpredictable rate, the steel in the "anode" fastener is drawn into the copper solution "cathode" and as a result, the carbon steel will rust and disappear over time.

Austenitic (304) stainless steel reverses the electrical poles in this environment. As a result, fasteners made from this material, such as EVERGRIP™ panel fasteners, do NOT corrode in ACQ and CA pressure treatments. It's the only way you can be sure when using these new wood preservative treatments in your construction project.

Below are actual test photos of standard coated carbon steel fasteners after 154 days in high humidity untreated and ACQ treated lumber for comparison.



Untreated, southern yellow pine – some light rust and degradation



ACQ treated lumber – heavy rust, loss of threads and holding power

Understand the Facts about ACQ/CA

- The copper in ACQ/CA causes an electrochemical reaction with both steel and zinc plating.
- Coatings – even those that claim to be ACQ/CA compatible – only prevent the corrosive reaction if they are not scratched during installation.
- Ceramic coatings, special platings, organic coatings, and even plastic-based epoxy coatings can not be applied to fasteners with the consistency and integrity required to prevent steel contact with the copper in the ACQ/CA solution.
- ACQ/CA treated materials are often very wet when installed. Condensation on fasteners can “re-wet” the solution repeatedly in a structure, thereby accelerating the corrosive reaction.
- ACQ/CA materials have only been available since 2004, and coated carbon steel fasteners are already experiencing failures in construction projects.
- 304 stainless steel does *not* adversely react with the copper in ACQ/CA, even when soaked in water.



EVERGRIP™ fasteners are conveniently packaged in 100 piece boxes

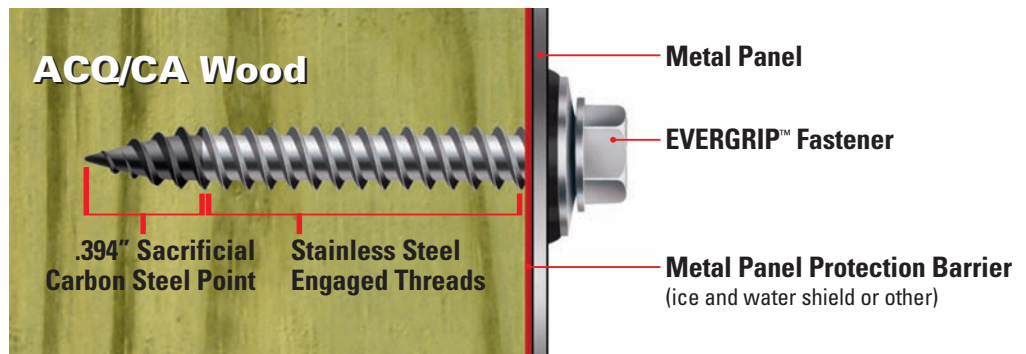
Selecting the Length of Your EVERGRIP™ Fastener

The EVERGRIP fastener is made up of two components:

1. The stainless steel head and shank
2. The carbon steel self piercing tip

The small carbon steel tip is just like that of any standard Woodgrip™ or other carbon steel panel fastener. It *will* rust and disappear over time in ACQ/CA.

Choose a length based upon the amount of *stainless steel* penetration that you want to be a permanent part of your structure.



EVERGRIP™ 304 Stainless Steel Panel Fasteners

Fastener Length	Total Penetration	Carbon Tip	Stainless Steel Penetration
1"	1"	.394"	.60"
1-1/2"	1-1/2"	.394"	1.1"
2"	2"	.394"	1.6"
2-1/2"	2-1/2"	.394"	2.1"

Important: Remember that the panel you are attaching, and any underlayment, such as a barrier membrane, will consume a measurable portion of your EVERGRIP stainless steel fastener shank length. You must consider this when selecting how much stainless steel threaded shank length you require to be permanent in your structure.

Installation Instructions for EVERGRIP™ fasteners

- Step 1: Locate the area where the panel will attach to the ACQ/CA treated wood.
- Step 2: Select a clearly identifiable EVERGRIP™ fastener (see image at right), painted to match your panel for installation in this area.
- Step 3: Install EVERGRIP™ 304 stainless steel fasteners, just like you install the rest of your fasteners.

NO PREDRILLING IS NECESSARY!



Narrowed opposite fastener head top lines help to rapidly identify EVERGRIP

The “S” below the trademark indicates stainless steel. This stamping is visible even after the head is painted to match the panel.

EVERGRIP
304 STAINLESS STEEL BI-METAL FASTENERS

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