

ROOF HUGGER COMPLETES TESTING OF CORRU-FIT™ RETROFIT PRODUCT

Design and Build With Metal .com new products

CORRU-FIT™ is shown in place on aged corrugated panels (left) and in a close-up view (right).



Odessa, FL - Unveiled last Fall at METAL-CON, Roof Hugger's new retrofit sub-purlin system named CORRU-FIT™ has recently completed rigorous and successful ASTM E-1592 testing to prove its wind uplift performance value in a metal-over-metal retrofit application.

The CORRU-FIT™ sub-purlin product is specifically designed for installation over old sine wave shaped corrugated metal roofs. These old roofs are known for inconsistent corrugation rib spacing and therefore it is very difficult to provide a standard factory-notched Hugger sub-purlin that must attach directly into the building's purlins in the low corrugation to be structurally correct. According to a Roof Hugger, other methods like installing a continuous hat section over the corrugations and securing with a long fastener aren't adequate from a structural standpoint - especially when the new roof assembly has to meet building code changes in respect to high wind speeds.

The CORRU-FIT™ sub-purlin assembly is comprised of two 16-gauge components and a structural fastener. First is the 16-gauge steel spacer that installs at varying roof corrugation intervals to satisfy design loads. The

spacer has two tabs to receive the second component, which is a continuous zee-shaped purlin. This component has factory-notched slots in its base flange, which permits the variable spacer placement. To secure the components to the existing purlins, a special ¼-14 self-drilling stand-off Concealor™ fastener by Triangle Fastener Corporation is used that has an enlarged 5/8" diameter pancake head with a #3 square drive recess.

CORRU-FIT™ accommodates existing corrugated panels with rib depths up to 1¼" and spacing of 2.5", 2.67", 2.75" or 4.2". Once installed, the system results in an overall sub-purlin assembly height of 2¾", which allows for up to 3" of fiberglass insulation for greater thermal resistance and energy savings.

The CORRU-FIT™ Hugger accomplishes every issue related to re-roofing corrugated metal roofs. To satisfy updated building code requirements, CORRU-FIT™ assemblies can be engineered to incorporate standard sub-framing members at the building's corner and edge zones. The new metal roof installed atop the CORRU-FIT™ can be either thru-fastened/screw-down or standing seam, from any manufacturer.

According to Roof Hugger, "Nowadays, every metal construction contractor and design professional needs all of the help to keep the work flowing. Metal-over-Metal Retrofit is, and always has been, a great opportunity when new construction is impacted by bad economic times. Today, Roof Hugger, Inc. and the CORRU-FIT™ product have just made retrofitting a little bit easier for you."

To learn more about CORRU-FIT™ and Roof Hugger, Inc., visit www.roofhugger.com or call (800) 771-1711.

[Click here to go to the contents page](#)

[Click here to go to advertiser index](#)



Simpson Unveils Wall-Stud Bridging Connector For Cold-Formed Steel Construction

Pleasanton, CA - Simpson Strong-Tie introduces the new SUBH wall-stud bridging connector for cold-formed steel construction, requiring fewer screws for a lower installed cost. The SUBH has been extensively lab tested as a system, ensuring that tabulated design values reflect stud web size and thickness.

The SUBH bridging connector requires only one screw for



most installations, reducing costs over conventional clip-angle connections that require four screws for u-channel bridging. It's designed with contoured flanges that fit snug over industry standard 1.5" wide u-channel and has an integrated slot that grabs the stud web. These unique features enable superior rotational and axial pull-through resistance to meet the requirements of AISI S100 Sections D3.2.1 and D3.3.

In addition, the SUBH connector is self-stabilizing and does not require an extra hand or

C-clamps to hold the connector while a screw is being driven.

The SUBH bridging connector can be used with stud thicknesses ranging from 33 mils (20 gauge) to 97 mils (12 gauge). The MSUBH also is available and is designed for use in stud thicknesses from 54 mils (16 gauge) to 97 mils (12 gauge). Both connectors can be used in stud sizes ranging from 3 5/8" to 8".

For more information, visit www.strongtie.com/subh.