

A photograph of a roof under renovation. The roof is covered with dark brown metal strips, likely the Roof Hugger system, which are being installed over a layer of yellow, fibrous insulation. The perspective is from a low angle, looking up the slope of the roof.

ROOF HUGGER RETROFIT SYSTEM

TESTED - PROVEN - TRUSTED

SINCE 1991

1-800-771-1711

WWW.ROOFHUGGER.COM

WHAT IS METAL-OVER-METAL RETROFITTING?

Metal-over-Metal re-roofing or retrofitting is the installation of a new long-life metal roof over the existing metal roof in a lab-tested and verified structurally correct, non-disruptive and cost effective manner.

Compatible with any manufacturer's new metal roof panel, Roof Hugger's retrofit system allows the minimally disruptive installation of a new roof over the existing one, making it cost-effective, structurally sound, and building code compliant. Rigorously tested and adaptable to any existing metal panel, our system can incorporate insulation and solar energy equipment, making your building cooler in summer, warmer in winter, and environmentally friendly year-round.

WHY GO WITH A METAL-OVER-METAL RETROFIT?

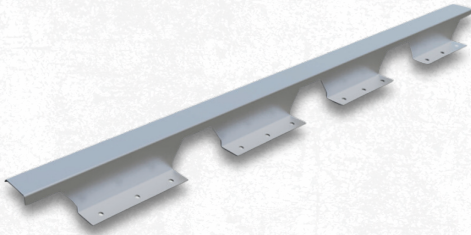
- ➔ **Upgrade from Screw-down to Standing Seam Roofing**
- ➔ **No More Roof Leaks**
- ➔ **60+ Year Roof Life Means Lowest Lifetime Cost**
- ➔ **No Business Interruption**
- ➔ **Maintain Operations Security**
- ➔ **Fast Install = Cost Savings**
- ➔ **Works with Any Metal Roof**
- ➔ **Increase Roof Capacity For....**
 - New Retrofit Roof
 - Solar Panels/Equipment
 - Insulation
- ➔ **Code-Compliant and Tax-Advantaged**



ROOF HUGGER PRODUCTS

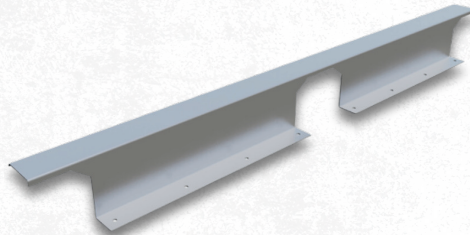
Model C

1.83" tall part for 12" o.c. PBR Panels



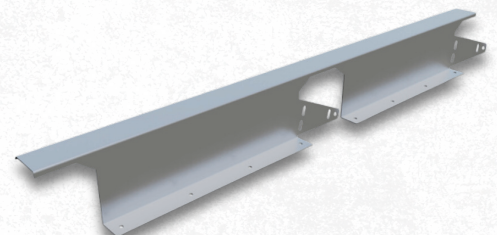
Model D

4.50" tall part for 24" o.c. Trapezoidal Standing Seam



Model T

4.50" tall part for 24" o.c. Tall Clip Standing Seam Panels



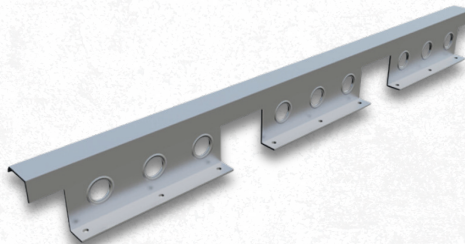
Vertical Rib Standing Seam

2.75" tall part for 12"-30" o.c. Vertical Rib Standing Seam Panels. Custom Sizes Available.



Custom Sub-Purlin

Any Profile, parts up to 10" tall, custom flange sizes



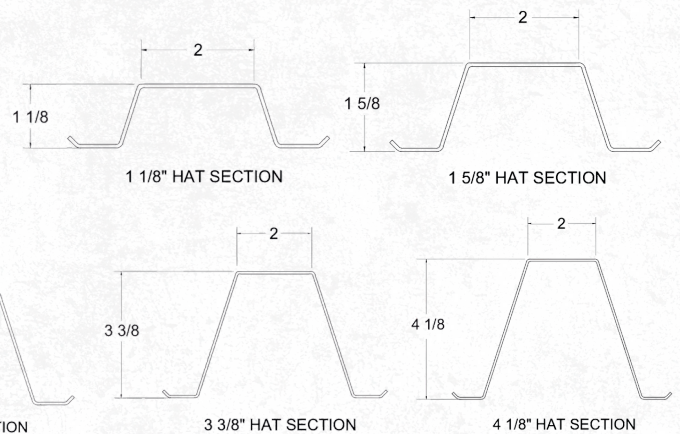
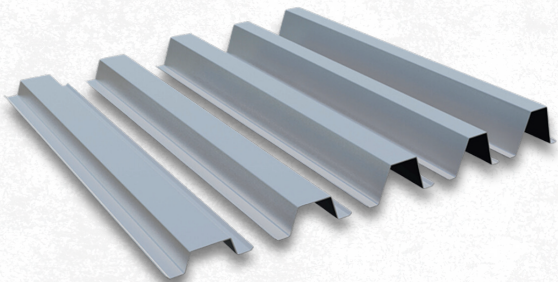
Corru-Fit

Corrugated roofing from 2.67" o.c. to 7.2" o.c.



16 Gauge Structural Hats

Available in five heights from 1-1/8" to 4-1/8" in lengths from 6 to 21 ft.



ROOF HUGGER SERVICES

No-cost Prelim Code Compliant Design Estimates Component Only Quotes

Online Cad-Details and Editable Job Specifications Full Project Plans and Engineering

Purlin Strengthening Design and Engineering Free Project Consultations



Prior to new panel installation for ASTM E1592 testing

ENGINEERED FOR STRENGTH & COMPLIANCE



ASTM E 1592 test with pressure being applied

Roof Hugger's retrofit systems are more than just overlays—they're engineered solutions backed by real-world testing. Our sub-framing systems can strengthen existing purlins, with quantifiable increases in load capacity supported by certified test data. This added structural integrity is essential for meeting today's more demanding performance standards.

We offer solutions to eliminate roof steps, transition between different existing panel types, add strength to the existing roof, increase wind and snow loads, add thermal resistance and remove other problematic roof conditions.



Purlin Testing

Most importantly, Roof Hugger Systems are designed to comply with the most stringent of requirements: International Building Code (IBC), Miami-Dade, Texas Wind-Storm, Factory Mutual – ensuring your retrofit can meet modern structural and safety standards.

ROOF HUGGER TESTING INCLUDES:

- ➔ Screw down over screw down panel systems
- ➔ Standing seam over standing seam systems
- ➔ Standing seam over screw down systems
- ➔ Drag load testing
- ➔ Roll-over testing
- ➔ 9 Florida Product Approved Assemblies
- ➔ 1 Factory Mutual Tested Assembly
- ➔ Simple and Continuous Span Purlin Strength Base Load Testing
- ➔ Diaphragm testing



Purlin Testing

When you compare retrofit framing systems, look at the test data. Calculated load capacity test data is not the same as ACTUAL laboratory test data for notched framing members.

HIGHLY SPECIFIED AND USED BY:

- ✓ **USAF**
- ✓ **Army**
- ✓ **Navy**
- ✓ **Marines**
- ✓ **Coast Guard**
- ✓ **Corps of Engineers**
- ✓ **Port Authorities**
- ✓ **Utility Companies**
- ✓ **National Airline Facilities**
- ✓ **State and Local Governments**
- ✓ **Retail Sales and Auto Dealerships**
- ✓ **NASA**
- ✓ **Warehousing**
- ✓ **Mini-Storage**
- ✓ **Churches**
- ✓ **Schools**

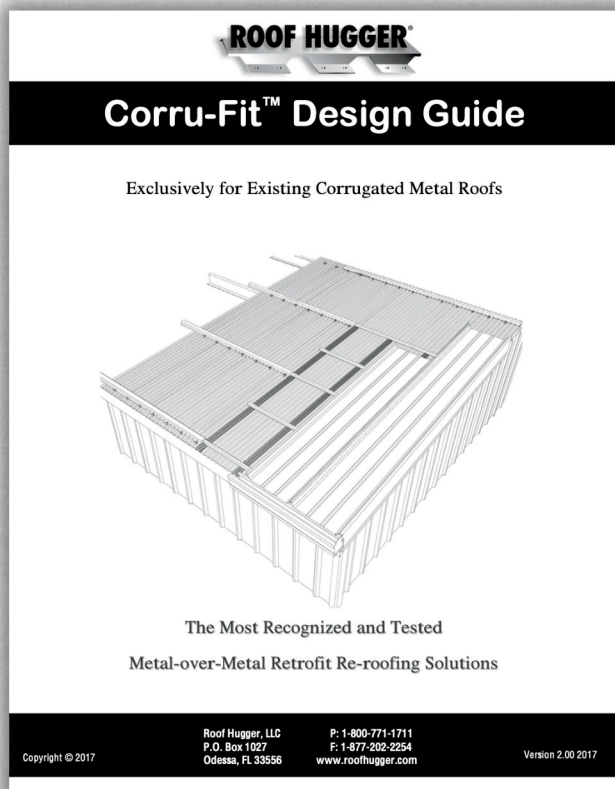


EXPERT METAL-OVER-METAL RE-ROOFING INFORMATION IS AT YOUR FINGERTIPS!



**DOWNLOAD THESE TO HELP YOU
WITH YOUR PROJECTS:**

- ➔ Design and Installation Manuals
- ➔ Over 85 Auto CAD Construction Details
- ➔ Design Performance Specifications
- ➔ Videos and Past Project Photos
- ➔ Energy Efficient Retrofit Roofing
- ➔ Free AIA Accredited Webinars
- ➔ Free Sales & Installation Webinars
- ➔ Online Quote Requests
- ➔ Request a Budget Estimate
- ➔ Retrofit Do's & Don'ts
- ➔ Published News Articles
- ➔ Company specific sales programs and presentation



**Request a Component or Preliminary Design
Quote at www.RoofHugger.com**



JOB INFORMATION FORM

COMPONENT QUOTES AND ORDERING

PH: 800-771-1711 • FX: 877-202-2254

Email: sales@roofhugger.com

Company Name: _____
 Contact Name: _____
 Address: _____
 City/State/Zip: _____
 Phone: _____ Fax: _____
 Email: _____
 Project Name: _____
 Building Owner: _____
 Project Address: _____
 City/State/Zip: _____
 Phone: _____ Fax: _____

Ship To (Company Name): _____
 C/O (If different than above): _____
 Delivery Contact: _____
 Telephone: _____
 Address: _____
 City/State/Zip: _____
 Required Delivery Date: _____
Hugger Quantity (LF): _____ *(per your take-off)*
 Hugger Gauge: 16 GA Special Order Only 14 GA
 New Panel Information: _____

***REQUIRED* EXISTING PANEL PROFILE BELOW, PROVIDE CRITICAL DIMENSIONS IN LEFT-HAND BOX** *These dimensions are essential for us to quote and/or fabricate Roof Huggers Correctly for You!*

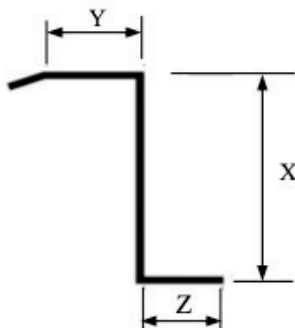
PROVIDE CORRESPONDING DIMENSIONS AS SHOWN AT RIGHT FOR SELECTED PROFILE

A = _____
 B = _____
 C = _____
 D = _____
 E = _____

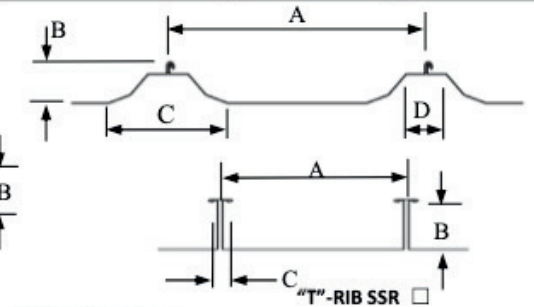
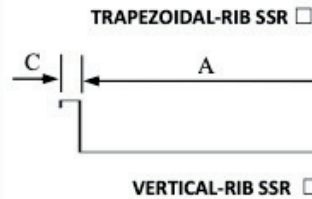
If your panel does not resemble any of the profiles at the right, provide a sketch on a separate page

NEED A SPECIAL HUGGER? Roof Huggers are normally 3/8" to 1/2" Taller than existing ribs. If you require a taller Hugger for insulation or other reasons, please provide the below dimensions.

X = _____
 Y = _____
 Z = _____

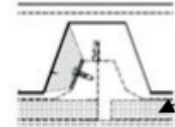


EXISTING STANDING SEAM?



IMPORTANT: *Is the Existing Roof Panel Installed on Tall Clips? (See website for Tall Clip details)*

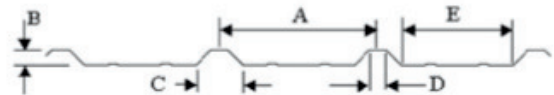
NO YES



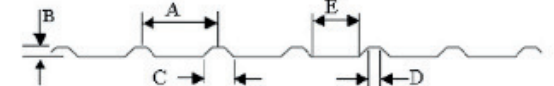
What is Panel Clip Stand-off Dimension? _____"

EXISTING SCREW-DOWN?

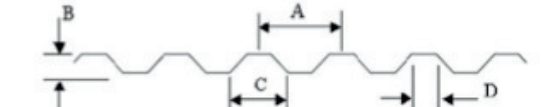
R-PANEL



MINI-RIB

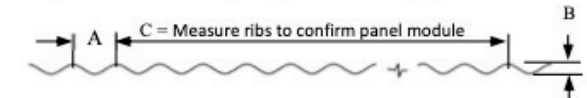


7.2 RIB



CORRUGATED

If A=2.67" (9 Ribs = 24")
 If A=2.50" (8 Ribs = 20")
 If A=2.75" (8 Ribs = 22")
 If A=4.20" (5 Ribs = 21")



Contractor should verify the existing panel module (rib centers) is maintained at several locations of existing roof. Panel run-out may require adjustments to Hugger punching. **This should be known in advance for both of us doing a perfect job.**

I hereby confirm that the above dimensions are correct and complies with actual field obtained information

Your Name (Please Print Clearly): _____ Date: _____

Signature: _____ Title: _____



SIMPLE OR COMPLEX, ROOF HUGGER CAN HANDLE IT.

MEMBERS OF



1-800-771-1711

SALES@ROOFHUGGER.COM

WWW.ROOFHUGGER.COM



***CHECK OUT
OUR FULL
FAMILY OF
PRODUCTS***

LSI GROUP INC.
METAL BUILDING COMPONENTS