

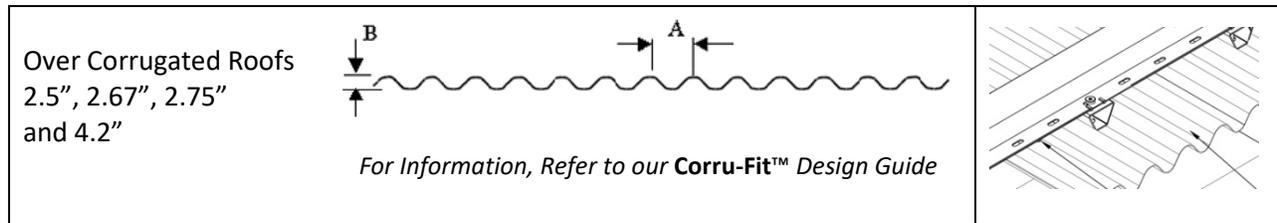
Hugger Applications

Initially developed for re-roofing existing metal buildings and metal roofing, some of the Roof Hugger products are also used very effectively in installations over conventional roofing materials in sloped applications. For new construction applications where an air-space cavity is necessary between a new metal roof and a sub-deck for energy efficient and solar thermal systems, Huggers can accommodate the needed airflow.

Below are the most common Hugger profiles for adaptation to an existing metal roof. If your project includes a profile not seen here, all is needed are the physical dimensions of the existing roof.

Roof Hugger Profiles		
Existing Roof Panel with Required Dimensions		Compatible Hugger
12" O.C. Ribbed Panel <i>(Our Model "C")</i>		
6"-10" O.C Ribbed Panel		
7.2" Industrial Rib		
Trapezoidal SSR <u>Without Stand-off Clips</u> 12", 18" and 24" <i>(24" is Our Model "D")</i>		
Trapezoidal SSR <u>With Stand-off Clips</u> 12", 18" and 24" <i>(24" is Our Model "T")</i>		
Vertical Rib SSR 12", 16", 18" and 24"		

Hugger Applications



Because of the manner Huggers are manufactured, they can match virtually any known metal roof profile. As you can see from the profiles on the preceding page, the most common are ribbed panels with varying rib spacing and standing seam systems (SSR) with varying seam spacing.

For Corrugated type panels, our Corru-Fit™ sub-framing product as shown above is a special system that takes the issues related to these roof's inconsistent corrugation spacing. For more information on this product, please refer to Corru-Fit's Design Guide on our website.

Since 1991, we have maintained a library of published and hand drawn obsolete metal roof profiles that include their physical dimensions, rib spacing and other critical information. Having this allows us in many cases to verify the existing roof profile you are trying to identify, ensuring the new Roof Huggers are manufactured to “Nest” over the existing roof and its major ribs providing a low-profile sub-purlin system. Some of the manufacturers included in our library of older metal roof profiles are shown below. Even nowadays we occasionally discover a roof profile that we did not know existed. With Roof Hugger’s custom fabrication capability, it is typically not a problem to accommodate these.

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|---------------------------|---------------------------|------------------------------|
| A&S | Inland Buildings | Nucor Building Systems |
| AEP-Span | Kirby Buildings | Pascoe |
| American Buildings | Ludwig Buildings | Ruffin Buildings |
| Behlen | MBCI | Soule’ |
| Braden | McElroy Metal | Steelex-Armco |
| Butler Manufacturing | Mes-Tex Buildings | Star Buildings |
| Chief Buildings | Metallic Buildings | Stran Buildings |
| Cuckler Building Systems | Metal Sales | Vic-West |
| Dean Steel Buildings | Mesco Buildings | United Structures of America |
| Delta Buildings | Midwest | Varco Pruden Buildings |
| Gulf States Manufacturing | Mitchell Buildings (CECO) | Whirlwind Buildings |

Today, Roof Hugger has become the re-roofing sub-purlin system of choice by Private and Military Design Professionals, Roof Consultants, Contractors and Facility Managers throughout the Nation.

This Design and Installation Guide is intended to provide the User with an expanded view into the world of Metal-over-Metal roof replacement over and existing sloped roof without removal it. If you should have any questions that this manual cannot answer please feel free to call us at 1-800-771-1711.