

# Hugger Applications

Roof Hugger's products are protected under U.S. Patent 5557903 and others pending. 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 (Roll-Formed)		
6"-10" O.C Ribbed Panel		
7.2" Industrial Rib		
Corrugated 2.5", 2.67", 2.75" and 4.2"		
Trapezoidal SSR 12", 18" and 24" (Roll-Formed)		
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. Corrugated type panels are found primarily in industrial and agricultural applications are also very common.

Since 1991, we have maintained a library of published and hand drawn obsolete metal roof profiles that include their physical dimensions. Having this critical information allows us in many cases to verify the existing roof profile, ensuring the new Roof Huggers are manufactured to “Nest” over the existing roof and its major ribs. 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 as well.

A&S	Inland Buildings	Nucor Building Systems
AEP-Span	Kirby Buildings	Pascoe
American Buildings	Ludwig Buildings	Ruffin Buildings
Behlen	MBCI	Soule’
Braden	Mes-Tex Buildings	Steelex-Armco
Butler Manufacturing	Metallic	Star Buildings
Chief Buildings	Metal Sales	Stran Buildings
Cuckler Building Systems	Metro Buildings	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 Design Professionals, Contractors, Facility Managers and Roof Consultants throughout the Nation.

This Design and Installation Guide is intended to provide the User with an expanded view into the world of re-roofing over existing sloped roofs. If you should have any questions that this manual cannot answer please feel free to call us at 1-800-771-1711.