

# S-5!®

The Right Way!

## Installation Instructions

**S-5!® Warning!** Please use these products responsibly! Visit our website or contact your S-5! distributor for available load test results. The user and/or installer of these parts is responsible for all necessary engineering and design to ensure the TrapBracket™ has been properly spaced and configured and the proper fasteners or rivets have been selected for your specific application.

**Notice to S-5! users:** specific layout and assembly schematics for S-5! products are the responsibility of the user or project designer. Due to the many variables involved with specific panel products, climates, snow melt phenomena and job particulars, **the manufacturer cannot and does not express any opinions as to the suitability of any S-5! assembly for any specific application and assumes no liability with respect thereto.** S-5! TrapBrackets have been tested for ultimate holding strength on the Kingspan® KS1000 RW profile. This information is available from the S-5! website: [www.S-5.com](http://www.S-5.com). This document is an installation guide only and the photographs and drawings herein are for the purpose of illustrating installation tools and techniques, not system designs.

## Tools Needed

- Screw Gun or Riveting Tool
- Rag
- String Line
- Tape Measure

TrapBracket is mounted directly onto the crown of the trapezoidal sheet with the S-5! stainless steel 6.3x25 mm TrapBracket fasteners or 7.7 mm Bulb-tite rivets.

To ensure brackets are installed in a straight line, install a single TrapBracket on each end of the roof at a measured, consistent distance from the bottom edge of the roof. Use a string line between the two brackets. Mount the remaining TrapBrackets along the string line, directly into the roof. Do not remove the EPDM rubber gasket; this is for weather-proofing.

## To Install TrapBracket:

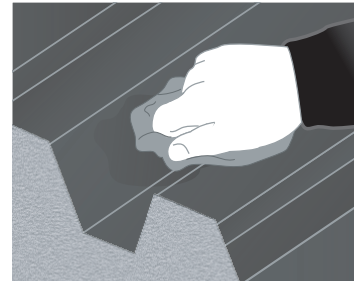
- 1) Determine the location of assembly.
- 2) The only surface preparation necessary is to simply wipe away excess oil and debris.
- 3) Secure the TrapBracket directly into the crown of the roof profile by driving the appropriate screws into the four pre-punched holes, or pre-drilling the proper sized hole through the four pre-punched holes and riveting with bulb-type rivets. Secure the TrapBracket by using all four pre-punched hole locations, to achieve tested holding strength. Drive the fastener in until it is tight and the washer is firmly seated. Do not overdrive fasteners: a slight extrusion of rubber around the washer is a good visual tightness check. If a fastener has been overdriven, it is important to remove the fastener and replace it with a bulb rivet. To avoid striping fastener, do not over torque; use screwdriver with depth sensing nose piece or adjustable torque clutch. The TrapBracket is now ready to install other ancillaries, such as the S-5-PV Kit, using the top M8 hole.

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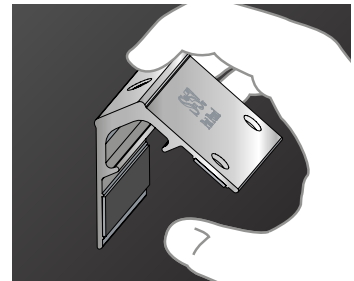


These instructions for use by those experienced in the craft. Always follow appropriate safety precautions and use appropriate tools.

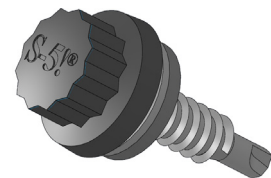
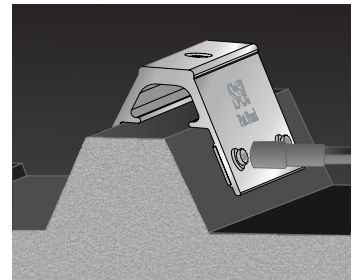
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2



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TrapBracket™ Install

The right way to attach almost anything to exposed-fastened roof systems!