

## 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

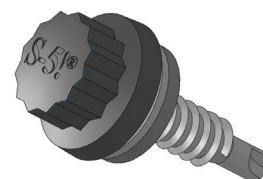
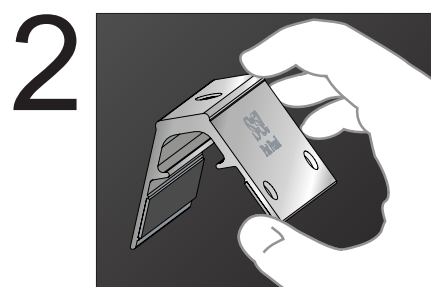
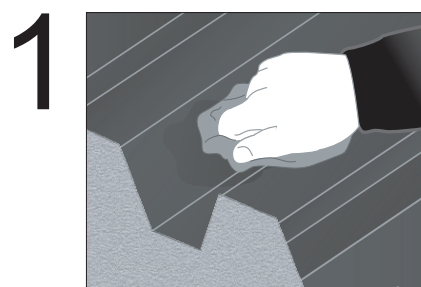
- Screw Gun
- Rag
- String Line
- Tape Measure

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. The only surface preparation necessary is to simply wipe away excess oil and debris.
2. Determine the location of assembly.
3. Secure the TrapBracket directly into the crown of the roof profile by driving the appropriate fasteners 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. To achieve tested holding strength, secure the TrapBracket by using all four pre-punched hole locations. 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 stripping the fastener, do not over torque; use screw gun. 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 are for use by those experienced in the trade. Always follow appropriate safety precautions and use appropriate tools.