SEALED "N" SAFE®
CONTINUOUS INSULATION SYSTEM
"THE PERFORMER"™
PATENTS PENDING

Instructional Guidelines
(Full Cavity System)

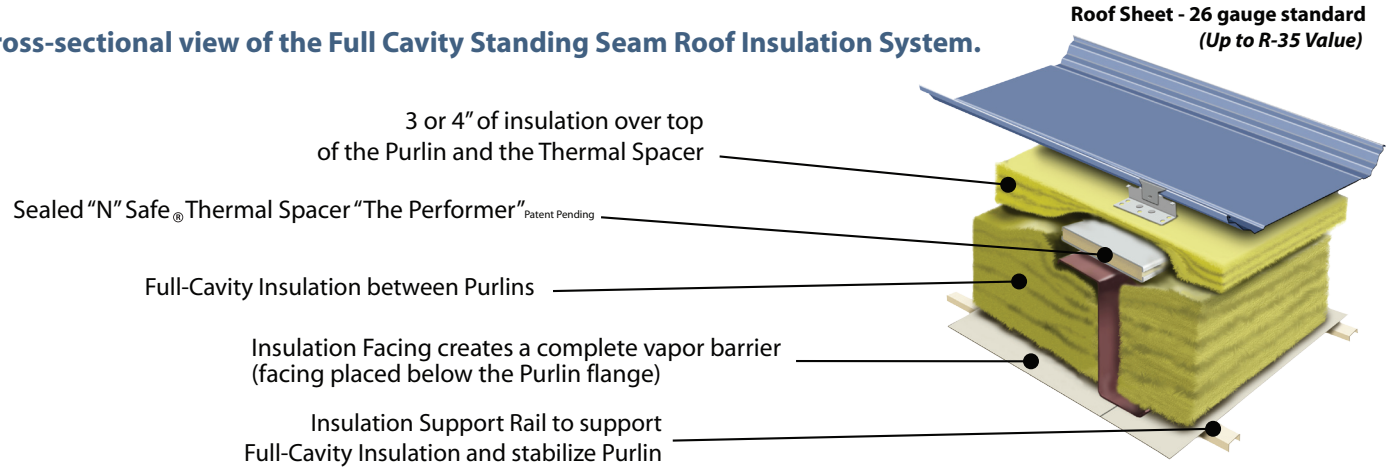
Scan this barcode with a scan app on your mobile device to view a short 2-4 minute video.

Insulation Rail

Our Insulation Rail is 26ga, painted Steel Rail, which is fastened to the bottom of the purlin using #12 X ¾" SD Screws. It is a very attractive means of not only supporting the added insulation but also supports the bottom flange of the purlin. It does not induce the tension conditions that are inherent when using banding or strapping to support the insulation. Our insulation support rails are produced in 10 & 12 foot lengths.

Step 1: Our insulation rail need to be fastened to bottom of each purlin using a #12 X ¾ " SD Screws and spaced not more then at 2'-6" apart as noted in the picture below.

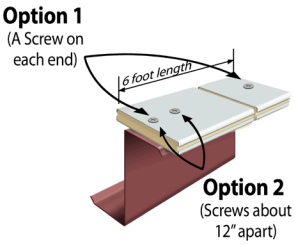
Cross-sectional view of the Full Cavity Standing Seam Roof Insulation System.



Thermal Spacer

The preferred installation method, one man in a man basket, installing the SNS Thermal Spacers ahead of the roofing crew (option 1) or can be installed on the go as insulation and roof sheets are installed (option 2).

Each thermal spacer comes in six-foot lengths which are the standard widths of three Standing Seam Roof panels and the typical widths of a metal building insulation roll, making the thermal spacer easy to handle and install.



Each thermal spacer comes with two flat-head screws to hold the six-foot thermal block in place. (210 flat screws will be provided for 100 thermal spacers).

Suggestions:

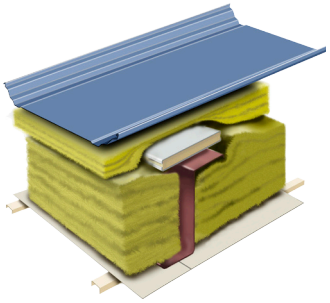
- When installing the thermal spacers, center it over the flange of the purlin
- Butt the thermal spacers end to end without adding pressure
- Consider the placement of the flat-head screws through the thermal spacer, so that the SSR Panel Clip Screws are not in conflict with the flathead screws
- When installing the insulation blankets, install to industry standards to allow for full expansion of the fiberglass

Step 1: Install SNS® Purlin Struts between purlins if needed. (See instructional guidelines for more information)

Step 2: Thermal spacers are placed and centered over the top of the purlins and are attached by two #12 flat head screws. *(Option 1)* screw the flathead screw at each ends. *(Option 2)* screw the first flathead screw at the end and the second screw around 12 inches from the first.

Instructional Guidelines (continued)

SSR Panel Clip



Suggestions:

- Only use clips that are ¼" taller than the profile of the panel
- Standing Seam clips should not be located over the joints of the thermal spacer
- Installing the SSR Panel Clip in the center to ensure the clip screws are screwed though thermal spacer and into the purlin flange below
- Use a longer screw to fasten the SSR Panel Clip through the thermal spacer and into the purlin flange below. (SNS recommends #14 or larger diameter screw and is 1" in length)

Step 4:

Place the insulation blanket over the thermal spacers and attach the SSR Panel Clip on top of the insulation blanket and centered over the thermal spacer. The SSR Panel Clip will be fastened though the insulation blanket and the thermal spacer to the purlin flange, for a tight connection. Complete the additional steps of the standing seam roof as to manufacturers specifications.

The assembly process is like a typical standing seam roof. The only additional step is to set the thermal spacers in place with two flat-head screws and attach the standing seam clip through the thermal spacer and to the purlin flange.

(see installation Video Clip at ***www.sealednsafe.com*** look under downloads) ***Call 888-340-4(SNS)-4767***