Instructional Guidelines for the SNS® Purlin Strut System

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

Screwdown Roof

QR CODE
SEALED"N"SAFE®
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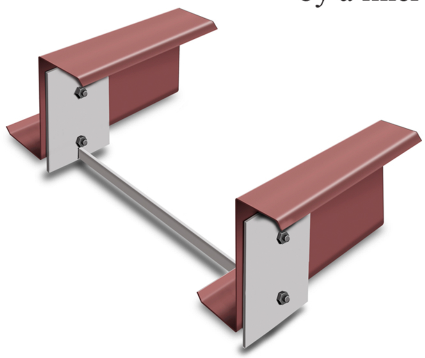
The **SNS® Purlin Strut System** is designed to resist Purlin Rotation that happen when thermal spacers are placed over the top of the purlings, in a Screw-down Roof. The three available options are:

Option #1 **Universal Strut System** is designed to be adjustable, to fit purlin spacing.

Option #2 **Fix Purlin Strut System** is designed to brace specific purlin spacing.

Option #3 **Concealed Fix Purlin Strut System** is designed to brace specific purlin spacing in the bottom of the purlin cavity, this allows it to be concealed by a liner system.



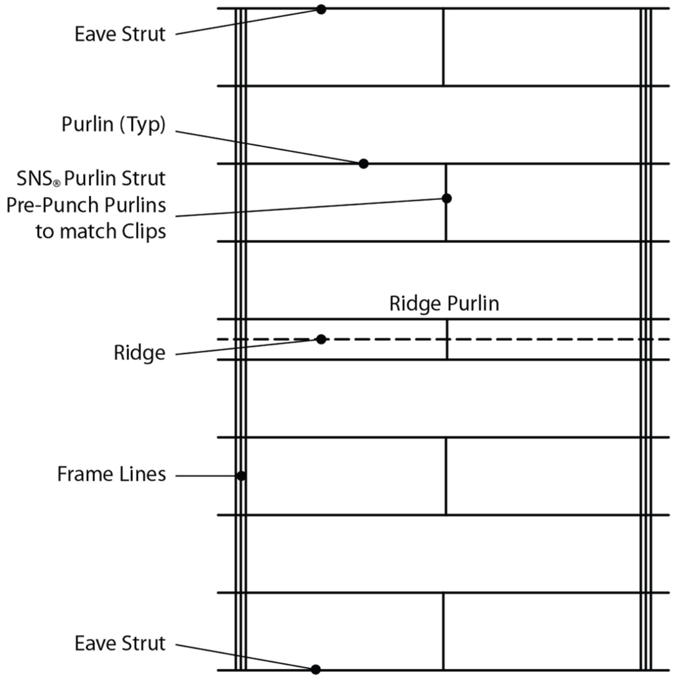
The SNS® Purlin Strut System is designed to resist Purlin Rotation. (Illustration of the Fix Purlin Strut System, Patent Pending)

To install the SNS® Purlin Struts, all holes are to be pre-punched in the purlins by the manufacturer to insure accuracy and quick installation. To install the purlin clips to each purlin, bolt each purlin clip to the purlin.

SNS® Purlin Struts are designed to allow expansion and contraction in the roof. The Clip over the supporting frame also needs to allow for expansion and contraction. The height of that clip needs to be 70% of the purlin height. The SNS® Purlin Struts are to be placed in every other purlin row to allow for expansion and contraction of the roof deck. Do not install this product in every purlin space. (see illustration below)

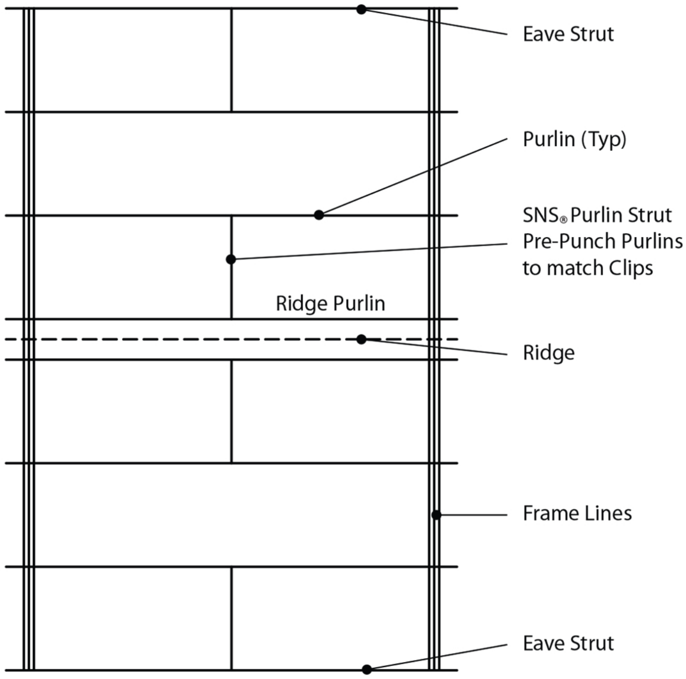
Test conducted indicates one SNS® Purlin Strut being installed in a 33' bay for a Screw-down Roof. All Design Criteria needs to be evaluated by the Project Engineer. (see www.sealednsafe.com/testResults for more information)

Odd Number of Purlins Rows for each slope of the building



Install SNS Purlin Strut in the center of the Bay or equally spaced in the Bay

Even Number of Purlins Rows for each slope of the building



Install SNS Purlin Strut in the center of the Bay or equally spaced in the Bay