SEALED "N" SAFE®
PATENTED
CONTINOUS INSULATION SYSTEM

Proven to increase insulation performance by a third, and in many cases by more Than double.

SNS Thermal Spacer Specifications

Material Makeup

Outer Cladding: 26 ga or 24 ga Steel Top and Bottom with AZ50 Galvalume finish with Epoxy Resin Coat

Foam Core: Isocyanurate Core

Material Dimensions

Screw-Down		Standing Seam(Zees & Cees)		Other(Zees, Cees & Bar Joist)	
Height:	1 inch	**Height:**	1 inch	**Height:**	1 inch
Width:	2 ½ inches	**Width:**	3 ½ inches	**Width:**	5 inches
Length:	6 feet	**Length:**	6 feet	**Length:**	6 feet
Weight:	3 lbs	**Weight:**	4.5 lbs	**Weight:**	6 lbs
Panel:	26 ga	**Panel:**	24 ga	**Panel:**	24 ga

Performance Testing

(AISI TS-7-02) (AISI S100-2007 section D6.1.1,"Standoff Type Screw")

Compressive Strength: 45 PSI @10% deflection

R-value: R-6

Shear Strength for 26 ga panels: 243.1 lb/ft (ultimate shear)

Shear Strength for 24 ga Panels: 276.9 lb/ft (ultimate shear)

Closed Cell Content: 95%

Fire Testing (ASTM E84)

Class: A Fire Rating
Flame Spread: <25
Smoke Index: <150

Wind-Uplift (ASTM E1592-05)

Test show no negative effects and performs equal to a typical screw-down roof system

Water & Air Infiltration (ASTM E1646-95) (ASTM E1680-95)

Testing Conducted shows no water leakage or air infiltration and performs equal to a typical screw-down roof system.

Types of Insulation Systems Using Thermal Blocks

(ASTM C976), (ASTM C1363) & (ASTM C518)

	Thru-Fastened	Standing Seam
Single Layer Systems	R-10 to R-29	———
Double Layer Systems	R-20	R-20 to R-44
Full Cavity System	R-20 to R-43	R-20 to R-51
Extended Full Cavity System	———	R-35 to R-76