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

Proven to increase insulation performance by more than double, with a quick return on investment. (12 to 18 months)

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)

	Rated R-Values	Tested U-Values
Single Layer Systems	(R-10 to R-13)	(U-0.142 to U-0.129)
Double Layer Systems	(R-19 to R-26)	(U-0.076 to U-0.074)
Full Cavity System	(R-29 to R-35)	(U-0.048 to U-0.0360)
Suspended Full Cavity System	(R-39 to R-60)	(U-0.0327 to U-0.0203)