



Insulation Screw with Plate

DESCRIPTION

GenTite Insulation Screw with Plate can be used in many GenTite Roofing systems for attachment of insulations to steel, wood, and other approved decks. GenTite Insulation Screw with Plate is manufactured to conform to the physical property requirements of Factory Mutual Specification #4470.

INSTALLATION

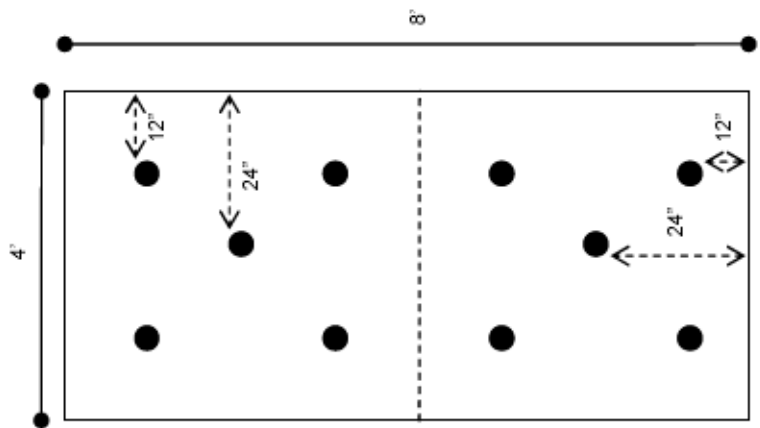
GenTite Insulation Screw with Plate should be positioned over the approved insulation and installed per Gentite Application Instructions.

The following fastening pattern should be used to achieve the desired fastening rate.

Recommended Fastener Penetration into Deck

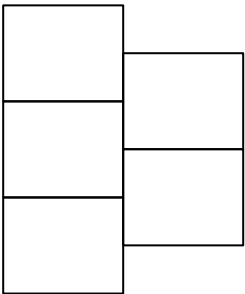
Steel Deck – Minimum of 3/4" (19.1 mm) required penetration

Wood Deck – Minimum of 1" (25.4 mm) required penetration



Metric Conversions:

6" = 152.4 mm
 12" = 304.8 mm
 18" = 457.2 mm
 24" = 609.6 mm



Always stagger insulation joints, regardless of board size used.



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PRODUCT DATA

SIZE	QUANTITY	PRODUCT #
2 7/8" (73 mm) Fastener	100 Each (Fastener and Plate) per Carton	W59GT51238
3 3/4" (95.25 mm) Fastener		W59GT51375
5" (127 mm) Fastener		W59GT51500
All with : 3" (76 mm) square Plate		

STORAGE

Screws with Plates should be protected from moisture and kept dry at all times. If stored out of doors, place on skids in a dry area and cover with a breathable tarp.

SHELF LIFE

Not applicable

PRECAUTIONARY DATA

- Refer to Material Safety Data Sheet for additional information.
- Eye protection is recommended when installing the fasteners.

PHYSICAL PROPERTIES

FASTENER PROPERTY	FASTENER MINIMUM PERFORMANCE
Material	SAE 1022 Heat Treated
Diameter	#12 Modified Buttruss
Thread	#12 Modified Buttruss
Head Style	#3 Phillips
Corrosion Coating	SPEX™
Fastener Point Type	Patented X-Point
Color	Grey
PLATE PROPERTY	PLATE MINIMUM PERFORMANCE
Material	Galvalume®

GenTite™ RRS

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Insulation Screw with Plate

Thickness	0.018" - 0.021" (0.46 - .53 mm)
Corrosion Coating	AZ – 55; Exceeds FM 4470 Criteria
Plate Shape	3" (76 mm) Square

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