

TECHNICAL BULLETIN # 1034

SUBJECT: InsulFoam InsulLam and InsulVent Nailbase Fastening Recommendations

DATE: March 20, 2020

Insulfoam InsulLam is available in many configurations using several laminates on the surface. Our nailbase product is produced with OSB or Plywood as the surface laminate. The following are baseline fastening recommendations for sloped roof applications:

Number of fasteners ¹ required in the field of roof for 4x8 InsulLam Nailbase				
Total Load in PSF (snow + dead loads)	Roof Area	Roof Slope		
		3/12-7/12	8/12-10/12	11/2-12/12
30	Field	8	8	8
	Perimeter	12	12	12
40	Field	8	8	8
	Perimeter	12	12	12
50	Field	8	12	12
	Perimeter	12	15	15
60	Field	12	12	12
	Perimeter	15	15	15
70	Field	15	15	15
	Perimeter	21	20	21
80	Field	15	15	15
	Perimeter	21	21	21
90	Field	15	15	15
	Perimeter	21	21	21

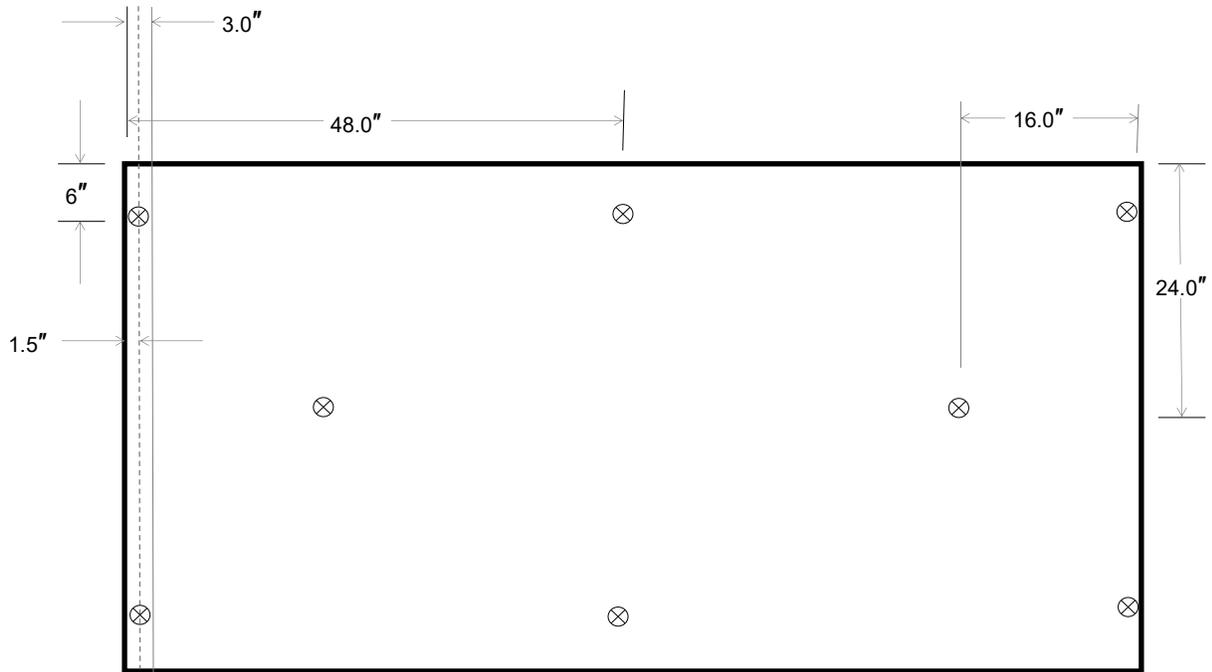
¹Fastener is based on Trufast TP or equal with a 1" penetration.

The above chart is based on ASCE 7 exposure C with a maximum height of 60 feet and the structure having 1.0 importance factor. Further, the above chart is based on sloped roof decks that are either wood decks minimum 1" in thickness or 22 ga. steel minimum. An engineer should be consulted if wind speeds are in excess of 110 mph, different exposures, heights in excess of 60 feet or snow loads in excess of 90 psf.

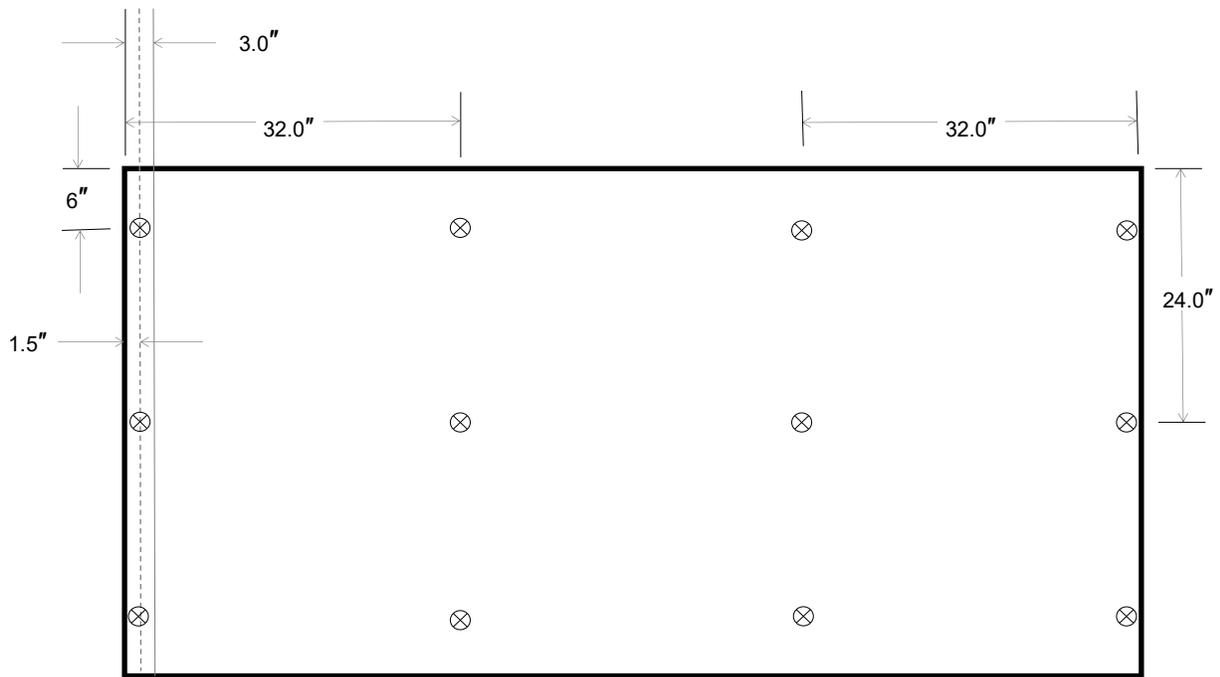
See following pages for fastening patterns.

Insulfoam Technical Center ■ Tel: (952) 447-5213
Email: techinfo@Insulfoam.com ■ Web: www.Insulfoam.com

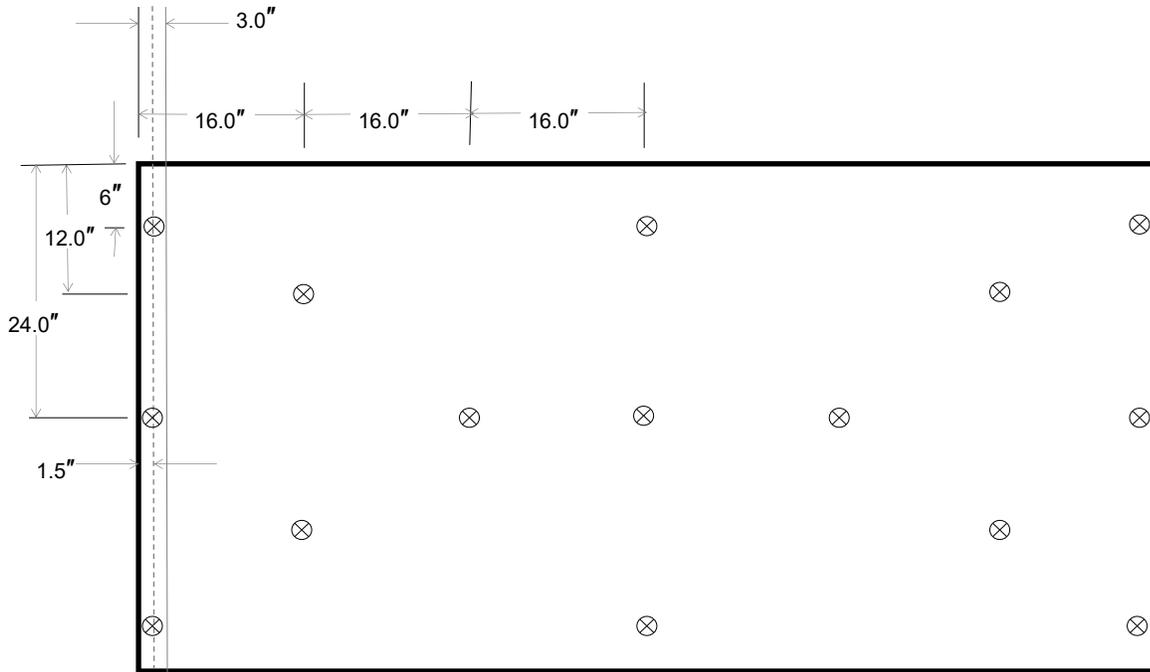
**INSULATION ENGINEERED TO
MAKE A DIFFERENCE.**



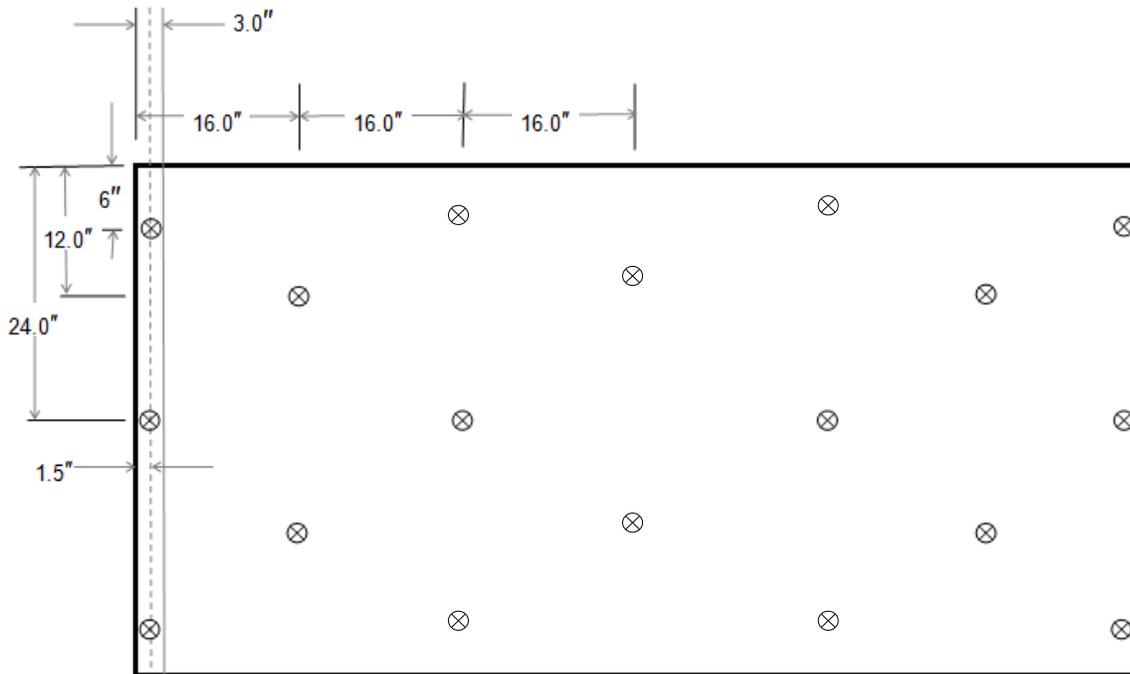
8 FASTENERS



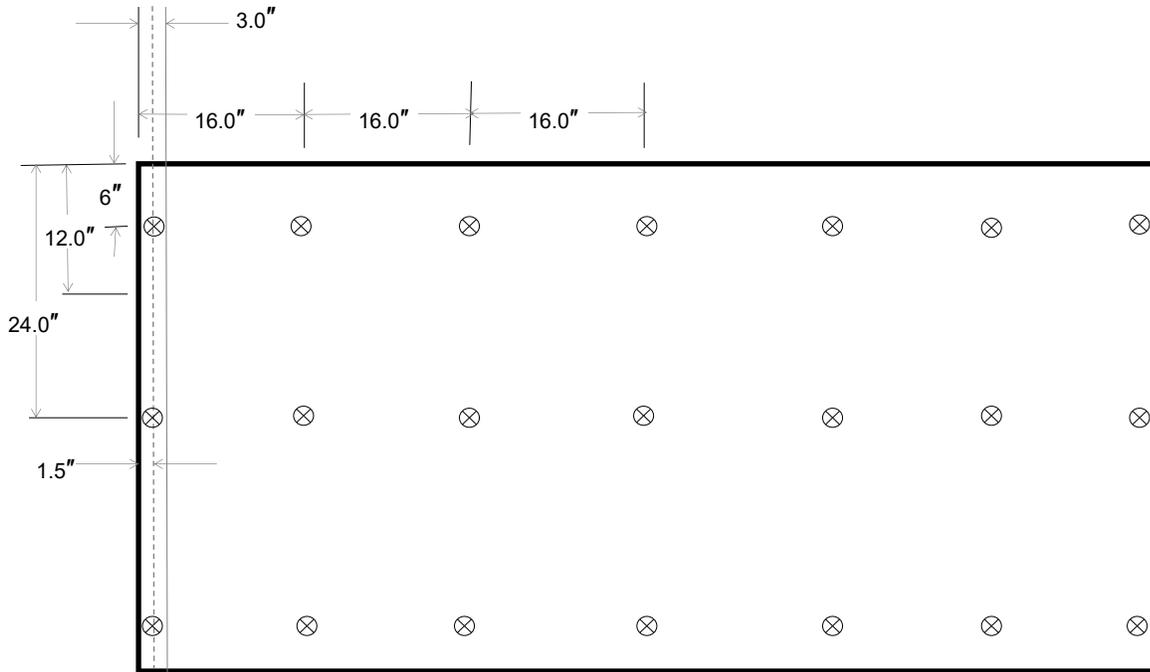
12 FASTENERS



15 FASTENERS



18 FASTENERS



21 FASTENERS