

# Foam-Control® Nailbase

## An easy to use one-step insulation and nailable surface.

Foam-Control Nailbase consists of 7/16" Exposure I rated Oriented Strand Board (OSB) and UL Classified Foam-Control insulation rigid insulation. It is an ideal insulation and nailable surface for structural roof decks and walls. Stability and traffic resistance make Foam-Control Nailbase perfect for both residential/commercial roof decks and walls.

### Advantages.

- Saves labor with one-step installation
- Large size panels available
- Saves energy - no thermal breaks
- Outside installation - construction can occur without disruption of inside living areas

### Benefits.

Foam-Control Nailbase provides both insulation and a nailable substrate for roofing or wall cladding materials. Foam-Control Nailbase installs quickly over structural roof decking and walls with screw connections. Standard roofing materials such as shingles, shakes, standing seam metal, tile, slate, etc., may be applied to Foam-Control Nailbase. Wood, vinyl, metal, stucco, etc., are all installable wall claddings over Foam-Control Nailbase.

### Thickness/R-value.

Thickness	R-value <sup>1</sup>	
	75°F <sup>2</sup>	40°F <sup>3</sup>
2"	6.6	7.0
4"	14.2	15.4
6"	22.0	23.7
7 3/4"	28.8	31.0
9 3/4"	36.5	39.3
11 3/4"	44.2	47.7

<sup>1</sup> R-value units are °F-ft<sup>2</sup>-h/Btu.

<sup>2</sup> Recommended for design in WARM climates.

<sup>3</sup> Recommended for design in COLD climates.

### Proven to meet, or exceed, building codes.

Foam-Control Nailbase is manufactured under an industry leading quality control program monitored by UL and further recognized UL Evaluation Report UL ER11812-03.




Foam-Control insulation meets ASTM C578, "Standard Specification for Rigid, Cellular Polystyrene Thermal Insulation".



## CONTROL, NOT COMPROMISE.®

### Foam face-off: Choosing Foam-Control Nailbase over other Nailbase products.

- Foam-Control can easily vary density, thickness, and size to meet project R-values
- Foam-Control is less-expensive than XPS and ISO products
- No CFC, HCFC, HFC, or formaldehyde in Foam-Control insulation
- No long-term R-value loss or thermal drift
- Foam-Control insulation with  **Perform Guard®** TERMITE RESISTANT available to provide resistance to termites

### Foam-Control Nailbase is also available with FrameGuard:

FrameGuard treatment for wood helps to resist mold, mildew and termite damage to its wood components.



## Energy Code Ci Requirements.

The use of continuous insulation is mandated by the 2012 International Energy Conservation Code (IECC). The IECC provides a prescriptive path for roof/ceiling insulation that includes the use of continuous insulation.

Zone	IECC-2012 Prescriptive Ci R-value		
	Residential	Commercial	
	Ceiling	Roof Above Deck	
		All other	Group R
1	R-30	R-20ci	R-20ci
2	R-38	R-20ci	R-20ci
3	R-49	R-20ci	R-20ci
4 except Marine	R-49	R-25ci	R-25ci
5 and 4 Marine	R-49	R-25ci	R-25ci
6	R-49	R-30ci	R-30ci
7	R-49	R-35ci	R-35ci
8	R-49	R-35ci	R-35ci

## Installation.

Installation shall be in strict accordance with published instructions, details, and drawings that are part of the contract documents for the project.

1. Foam-Control Nailbase must be installed over a structurally sound roof deck.
2. Apply vapor retarder as specified by a qualified design professional prior to the installation of the Foam-Control Nailbase.

Note: Climate conditions, code requirements, and building science dictate the use and position of vapor retarders within roof assemblies. Consult with local code officials and building science professional concerning the use of vapor retarders.



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3. Install Foam-Control Nailbase and mechanically fasten with Foam-Control Screws as specified.
4. Install continuous wood blocking at perimeters, ridges, hips, and openings as specified.
5. Install roof cladding materials per manufacturer's specifications and recommendations.

## Foam-Control Nailbase means control, not compromise.

Foam-Control Nailbase is engineered to give you the greatest possible control for your insulation application: from design and timelines, to materials and costs, and—ultimately—control over your results. In the insulation industry, Foam-Control Nailbase is among the most versatile, energy efficient, and cost-effective insulators available, delivering extremely high, stable R-values. Depend on Foam-Control Nailbase to do the job.

## Ready to take control? Start here.

If you're starting to wonder how Foam-Control Nailbase can contribute to your next project, here's how to find out: Just contact your nearest Foam-Control Nailbase supplier. They'll be happy to give you a design consultation, information about Foam-Control insulation products, pricing, and the answers to all your questions. Contact a sales rep and download Foam-Control Nailbase documentation at [www.foam-control.com](http://www.foam-control.com).



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