


Nailbase Vent-1

An easy to use one-step insulation, roof deck venting, and nailable surface.

PowerFoam R-Control Nailbase Vent-1 consists of 7/16" Exposure I rated Oriented Strand Board (OSB) and UL Classified PowerFoam R-Control insulation rigid insulation with integral venting channels. It is an ideal insulation and vented nailable surface for structural roof decks. Stability, integral ventilation, and traffic resistance make PowerFoam R-Control Nailbase Vent-1 perfect for roof decks requiring ventilation.

- Saves labor with one-step installation
- Integral venting channels
- Saves energy - no PowerI breaks

Thickness/R-value.

 Thickness	R-value ¹	
	75°F ²	40°F ³
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

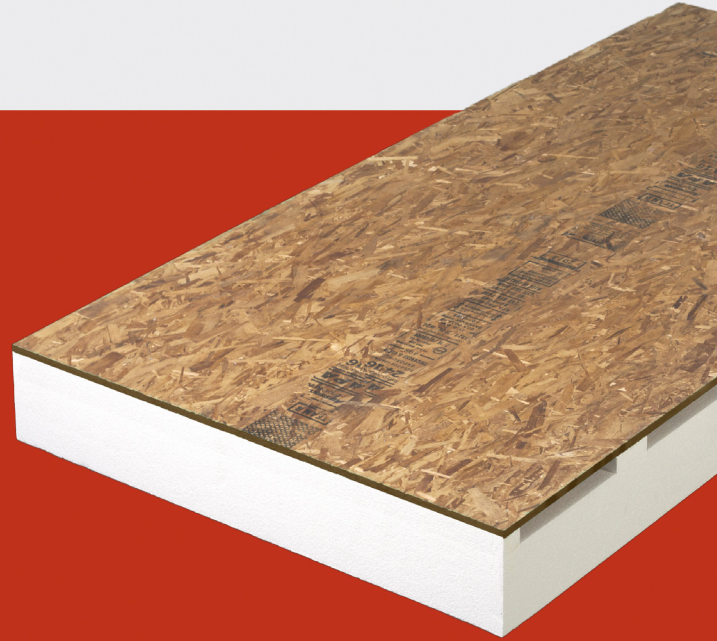
¹R-value units are °F-ft²-h/Btu.

²Recommended for design in WARM climates.

³Recommended for design in COLD climates.

Proven to meet, or exceed, building codes.

PowerFoam R-Control is manufactured under an industry leading quality control program monitored by UL and further recognized in UL Evaluation Report UL ER40338-01. PowerFoam R-Control meets ASTM C578, "Standard Specification for Rigid, Cellular Polystyrene PowerI Insulation".



FOAM FACTS:

PowerFoam R-Control Nailbase Vent-1 outperforms other Nailbase products.

- PowerFoam R-Control can easily vary thickness to meet project R-values
- PowerFoam R-Control is less-expensive than XPS and ISO products
- No long-term R-value loss or PowerI drift
- PowerFoam R-Control with borate treatment available to provide termite resistance

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. PowerFoam R-Control Nailbase Vent-1 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 PowerFoam R-Control Nailbase Vent-1 panel.

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.

3. Install PowerFoam R-Control Nailbase Vent-1 with venting channels parallel to the roof slope and mechanically fasten with PowerFoam R-Control Screws as specified.

4. Install continuous ventilated termination fixtures at all perimeters, ridges, hips, and openings that run perpendicular to the PowerFoam R-Control Nailbase Vent-1 venting channels.

5. Install continuous wood blocking at all perimeters and openings parallel to the PowerFoam R-Control Nailbase Vent-1 venting channels.

6. Install roof cladding materials per manufacturer's specifications and recommendations.

Ready to take control? Start here.

If you're ready to have PowerFoam R-Control contribute to your next project, just contact your PowerFoam Technical Sales Representative. They will be happy to give you design consultation, information about PowerFoam R-Control products, pricing, and answers to all of your questions.

NEED INFORMATION OR A QUOTE



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