

# Nailbase Vent-1



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

Branch River nailbase vent-1 consists of 7/16" Exposure I rated Oriented Strand Board (OSB) and UL Classified Branch River 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 Branch River Nailbase Vent-1 perfect for roof decks requiring ventilation.

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

## Thickness/R-value.

BRANCH RIVER 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

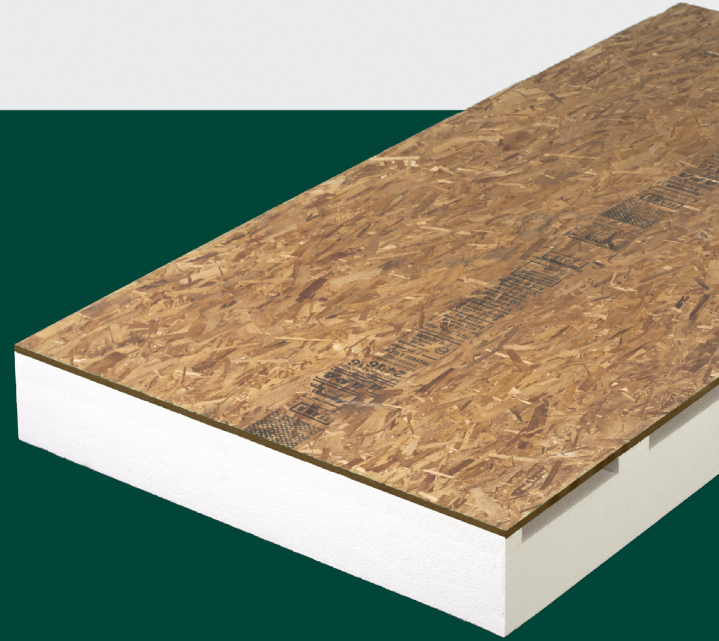
<sup>1</sup> R-value units are °F-ft<sup>2</sup>-h/Btu.

<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.

Branch River nailbase is manufactured under an industry leading quality control program monitored by UL and further recognized in UL Evaluation Report UL ER40326-01. Branch River meets ASTM C578, "Standard Specification for Rigid, Cellular Polystyrene Thermal Insulation".



## FOAM FACTS:

**Branch River nailbase vent-1 outperforms other nailbase products.**

- Branch River nailbase can easily vary thickness to meet project R-values
- Branch River nailbase is less-expensive than XPS and ISO products
- No long-term R-value loss or thermal drift
- Branch River nailbase 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. Branch River 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 Branch River 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 Branch River nailbase vent-1 with venting channels parallel to the roof slope and mechanically fasten with Branch River Screws as specified.

4. Install continuous ventilated termination fixtures at all perimeters, ridges, hips, and openings that run perpendicular to the Branch River nailbase vent-1 venting channels.

5. Install continuous wood blocking at all perimeters and openings parallel to the Branch River 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 Branch River contribute to your next project, just contact your Branch River Plastics, Inc. Technical Sales Representative. They will be happy to give you design consultation, information about Branch River products, pricing, and answers to all of your questions.



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WALL AND ROOF  
INSULATION**