

Nailboard/NailBase

What is Johns Manville Nailboard/NailBase?

- Polyisocyanurate foam insulation bonded during the foaming process to APA rated 7/16" (11 mm) or 5/8" (16 mm) oriented strand board (OSB).
- Manufactured with seamless OSB panels.
- The OSB is factory routed 1/8" (3 mm) on all four sides.
- Can be used in both commercial and residential applications and is UL Class A, UL 90 wind rated, UL hourly rated and FM Class 1–90 approved.

What are the benefits of using Johns Manville Nailboard/NailBase?

- Combines a highly efficient polyisocyanurate insulation with a nailable surface for shingles, slate, tile or standing seam metal roof covers in one convenient panel.
- The seamless panels provide greater strength and eliminate panel breakage.
- The routed edges allow recommended OSB spacing while maintaining minimal thermal loss because the Nailboard/NailBase panels can be butted tightly together.

Where should Johns Manville Nailboard/NailBase be used?

- Metal Roof Systems
 - Cathedral Ceilings
 - Steel Roof Deck Construction
 - Post and Beam Construction
 - Combustible and Noncombustible assemblies
 - Single-ply Systems
 - Exterior and Interior Wall Systems
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Vapor Retarder

1. A vapor retarder may be necessary to protect roofing components when high interior humidity is a factor.
 2. The need for a vapor retarder, as well as type, placement and location of a vapor retarder should be determined by a licensed Architect or Engineer.
 3. The following situations may require a vapor retarder:
 - a. Projects where outside average temperatures below 40°F (4°C) are anticipated and where average winter interior relative humidity of 45% or greater is expected.
 - b. Building uses with high humidity interiors, such as:
 - i. Indoor swimming pools
 - ii. Textile manufacturing operations
 - iii. Food, paper plants and other wet-process industrial plants
 - c. Construction elements that may release moisture after the roof is installed, such as:
 - i. Interior concrete and masonry
 - ii. Plaster and paint finishes
 - iii. Fuel burning heaters
 - iv. Cementitious roof fills
 - d. Our insulation products by themselves cannot be considered a vapor retarder.
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