Product Description

Rmax Multi-Vent Nailable Base-3 is composed of an HCFC free, polyisocyanurate foam insulation and an OSB nailing surface with 3/8" thick vent blocks attached. The insulation portion of this product is Rmax's rigid closed cell polyisocyanurate foam with glass fiber/organic mat facers laminated to the top and bottom surfaces. The nailing surface is a 7/16" OSB wood panel (APA Rated) with factory-applied vent blocks. The solid wood vent blocks are aligned so that they are no more than 12" apart in any direction. The vent block pattern allows 92% free air movement.

The insulation is laid on the roof deck with staggered joints leaving a 1/16" space between boards to allow for expansion of the OSB.

Follow recommendations of the shingle supplier for application of underlayment felts and other details as required for roof pitches of less than 3" in 12" per foot slope. Rmax recommends that a layer of roofing felt be installed over wood roof decks prior to installing Multi-Vent Nailable Base-3 insulation.

Compliances

PRODUCT SPECIFICATION - ASTM 1289, Type V
Nailing substrate APA rated
International Building Code (ICC)

Standard Sizes and Packaging:

- WIDTH: 48"
- LENGTH: 96"

THICKNESSES: Refer to Thermal Properties Data below.

Bundles, approximately 48" high, are wrapped in plastic for easy handling.

Also available with 5/8" OSB or 1" vented air space.

A wide variety of insulation thicknesses, manufactured on a made to order basis, are available from Rmax to more closely match insulation values (thermal resistance) to project requirements.

Applications

Multi-Vent Nailable Base-3 is superior for use in residential or commercial roofing applications where a vented assembly is desired. Multi-Vent Nailable Base-3 is applied to the roof structure in order to provide a layer of thermal insulation and a suitable substrate for the application of a variety of shingles available in the market today.

Multi-Vent Nailable Base-3 must be secured to the roof structure with FM listed roofing screws at least one-inch longer than the composite thickness of the total insulation panel system. Screws without plates are recommended. Fastening pattern shall be in five rows of three (15 fasteners per board) across the board.

FASTENING PATTERN

**NOTE:** All Rmax products must be tarped, placed on skids, and kept completely dry before and throughout construction.

Rmax does not assume any responsibility or liability for the performance of any products other than those manufactured by Rmax.

**WARNING:** Polyisocyanurate is an organic material, which will burn when exposed to an ignition source of sufficient heat and intensity, and may contribute to flames spreading.

TECHNICAL DATA

**TYPICAL PHYSICAL PROPERTIES - Foam Core Only:**

<table>
<thead>
<tr>
<th>Property</th>
<th>Test Method</th>
<th>Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Density, Overall (Nominal)</td>
<td>ASTM D1622</td>
<td>2.0 pcf</td>
</tr>
<tr>
<td>Compressive Strength (Avg.)</td>
<td>ASTM D1621</td>
<td>20 psi</td>
</tr>
<tr>
<td>Flame Spread, Core*</td>
<td>ASTM E84</td>
<td>35 or less</td>
</tr>
<tr>
<td>Smoke Developed, Core*</td>
<td>ASTM E84</td>
<td>75-160</td>
</tr>
<tr>
<td>Water Vapor Transmission</td>
<td>ASTM E96</td>
<td>&lt; 1 perm</td>
</tr>
<tr>
<td>Water Absorption</td>
<td>ASTM C209</td>
<td>&lt; 1% Vol.</td>
</tr>
<tr>
<td>Dimensional Stability</td>
<td>ASTM D2126</td>
<td>2%</td>
</tr>
</tbody>
</table>

Service Temperatures: -40°F to +250°F

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1. Includes 7/16" OSB nailing surface and 3/4" air space blocks.
2. Long Term Thermal Resistance (LTTR) values are determined in accordance with CAN/ULC-S770. LTTR predicts a 15-year time-weighted average.
3. Flame Spread and Smoke Developed Indexes are used to measure and describe the properties of this material in response to heat and flame under controlled laboratory conditions and should not be used to describe or appraise the fire hazard or fire risk of this material and other related roofing components under actual fire conditions.
LIMITED WARRANTY

Notwithstanding the provisions to the contrary, neither Rmax Operating, LLC, nor any of its employees, representatives, agents or other affiliates (collectively, “Rmax”) makes any representation or warranty whatsoever, whether express or implied, concerning the Product, except that the Product was manufactured in accordance with specifications set forth in ASTM C1289, at the time of purchase is free from any lien or encumbrance, and, for a period of one (1) year from the date of delivery of the Product, is free from defects in materials and workmanship. BUYER ACKNOWLEDGES AND AGREES THAT, EXCEPT AS PROVIDED ABOVE, THE PRODUCT IS BEING DELIVERED IN AN "AS IS" , WHERE IS” CONDITION WITH ALL FAULTS, WITH ALL WARRANTIES, WHETHER EXPRESS, IMPLIED, OR STATUTORY, INCLUDING BUT NOT LIMITED TO ANY AND ALL WARRANTIES OF MERCHANTABILITY, SATISFACTORY QUALITY, FITNESS FOR A PARTICULAR PURPOSE, EXPRESS OR IMPLIED WARRANTIES ARISING FROM COURSE OF PERFORMANCE, COURSE OF DEALING, AND USAGE OF TRADE, ANY WARRANTY WITH REGARD TO DESIGN, CODE CONFORMANCE, PERFORMANCE, MERCHANTABILITY OR SATISFACTORY QUALITY, AND ANY LIABILITY WITH RESPECT TO THE ACTUAL PURCHASE PRICE OF THE PRODUCT WITH RESPECT TO WHICH SUCH CLAIM IS MADE. WITHOUT LIMITATION THE FOREGOING, Rmax SHALL NOT BE LIABLE FOR BUYER’S LOSS OF USE, REVENUE OR PROFIT, OR FOR ANY OTHER INDIRECT, INDEMNITY, INCIDENTAL, SPECIAL, OR CONSEQUENTIAL DAMAGES OF ANY KIND (INCLUDING, WITHOUT LIMITATION, LOSS OF GOODWILL OR ANTICIPATED PROFITS, OR LOST BUSINESS) TO THE BUYER OR ANY OTHER PERSON OR ENTITY. Rmax HEREBY WAIVES ANY RIGHT IT MAY HAVE TO SUCH DAMAGES.

This LIMITED WARRANTY shall not be applicable to defects or damages which, upon inspection by Rmax, are determined by Rmax to be caused by any of the following:

a) Normal wear and tear.

b) Intentional vandalism or abuse, or negligent use, misuse or abuse (including any usage not in accordance with the product instructions).

c) Use of parts not manufactured or sold by Rmax.

d) Accident or natural disasters, including, but not limited to, fire, flood, lightning, earthquake, tornadoes, hail, hurricanes, wind storms, acts of war, acts of terrorism or acts of God;

e) Improper installation, operating, handling, storage, application or design, modification, alteration, structural movement or maintenance.

Claims against Rmax under the provisions of the LIMITED WARRANTY must be made within thirty (30) days after the alleged defect to which the claim relates is discovered or should have been discovered, by written notice to Rmax at the following address: 15324 Welch Road, Dallas, Texas, 75244. Attention: Technical Services. The written notice must be accompanied by the dated invoice or receipt received by the Buyer at the time of purchase.

Rmax shall have sixty (60) days from receipt of such notice to inspect and analyze the alleged defective material. Unless the material to be disposed of or be returned to be delivered to Rmax unless the Buyer has received written instructions to do so. Buyer shall have no right to deduct the amount of any claim from Rmax’s invoice until the claim is allowed or adjusted. Failure on the part of the Buyer to follow these provisions shall waive all rights under this LIMITED WARRANTY. Unless modified in writing signed by both Rmax and Buyer, this LIMITED WARRANTY is understood to be the complete and exclusive agreement between the parties, and supersedes all prior agreements, oral or written, and all other communications between the parties relating to the subject matter of this LIMITED WARRANTY. Some states and certain federal laws do not allow limitations on how long an implied warranty lasts, so such limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

GENERAL CONDITIONS

Descriptions, specifications, and recommendations described herein are subject to change without notice. Consult with Rmax Roofing Sales for the latest information. The design and construction of the roof deck, and supporting structure are the responsibility of the architect, engineer, general contractor and the building owner. The selection and use of Rmax Insulation and other roofing system components to meet the requirements for a project is at the sole discretion of the owner or his designated agent or representative.

No warranty, express or implied, as to characteristics, physical properties, or performance under any variations from controlled conditions at the time of manufacture is made. These provisions may not be altered in any way by a salesperson, employee, agent, or any other representative of Rmax, except by a letter from an officer of Rmax. Rmax does not assume any responsibility or liability for the performance of any product other than those manufactured by Rmax.

ACCEPTANCE OF ORDERS

All orders are subject to acceptance at Rmax’s corporate office in Dallas, Texas and are not binding on Rmax unless so accepted. This acceptance constitutes a complete and binding contract which cannot be modified or canceled without written consent of both parties. The conditions stated herein shall take precedence over any other conditions, and no oral, written or other representations, or agreements shall be of any force or effect.

Change and/or cancellations of orders will be accepted providing the plant is notified five working days in advance of the requested shipping date. Notification of changes and/or cancellations must be verified in writing. On cancellations that occur after the five working day limit, the Buyer will be charged a restocking charge of 20% of the material that has already been produced.

RETURN OF ORDERS

Returns to request material to Rmax’s plant must be made in advance by Rmax’s Plant Manager. Credit for approved requests to return material, when such requests are for reasons other than material of workmanship, will be issued on the basis of the price at which the products were originally invoiced, less the actual price of re-conditioning and restocking as determined by Rmax. Such restocking charges will be no less than 20% of the invoice price of the goods. All return freight is the Buyer’s responsibility.

TITLE, SHIP-RIGHT AND RISK OF LOSS

Title to all goods furnished under this contract shall pass at the time of sale to the Buyer upon delivery by Rmax to the Carrier at Rmax’s shipping point. All deliveries of goods are F.O.B. Rmax’s shipping point, unless otherwise noted in the face of the invoice. They shall pass at the discretion of Rmax, unless directed otherwise by the Buyer at the time of placing an order. Rmax makes every effort to deliver orders at the requested delivery time, however, Rmax does not guarantee title delivery. A delay in delivery or shipment will not be accepted as a basis for charge-back or claim for damage. Charges for re-consignment, diversions, driver-assisted unloading, detention, and/or damages shall be assessed to the Buyer with the provisions of Carrier’s tariffs, will be for the Buyer’s account.

Improper installation, operating, handling, storage, application or design, modification, alteration, structural movement or maintenance.

USE OF PARTS NOT MANUFACTURED OR SOLD BY RMAX.

Improper installation, operating, handling, storage, application or design, modification, alteration, structural movement or maintenance.

LIMITATION OF LIABILITY AND BUYER’S REMEDIES

IN THE EVENT OF A DEFECT IN THE PRODUCT COVERED BY THE LIMITED WARRANTY SET FORTH ABOVE, Rmax SHALL, AT Rmax’s OPTION AND EXPENSE, REPAIR OR REPLACE THE DEFECTIVE PRODUCT OR REFUND THE AMOUNT PAID BY THE BUYER FOR THE DEFECTIVE PRODUCT. THE LIABILITY OF Rmax, IF ANY, AND THE BUYER’S SOLE AND EXCLUSIVE REMEDY FOR DAMAGES FOR ANY CLAIM OF ANY NATURE OR KIND, WHETHER ARISING IN TORT, CONTRACT, STRICT LIABILITY OR OTHER LEGAL OR EQUITABLE THEORY, SHALL NOT BE GREATER THAN THE ACTUAL PURCHASE PRICE OF THE PRODUCT WITH RESPECT TO WHICH SUCH CLAIM IS MADE. WITHOUT LIMITATION THE FOREGOING, Rmax SHALL NOT BE LIABLE FOR BUYER’S LOSS OF USE, REVENUE OR PROFIT, OR FOR ANY OTHER INDIRECT, INDEMNITY, INCIDENTAL, SPECIAL, OR CONSEQUENTIAL DAMAGES OF ANY KIND (INCLUDING, WITHOUT LIMITATION, LOSS OF GOODWILL OR ANTICIPATED PROFITS, OR LOST BUSINESS) TO THE BUYER OR ANY OTHER PERSON OR ENTITY. Rmax HEREBY WAIVES ANY RIGHT IT MAY HAVE TO SUCH DAMAGES.

In the event of a defect in the Product covered by the Limited Warranty set forth above, Rmax shall, at Rmax’s option and expense, repair or replace the defective product or refund the amount paid by the Buyer for the defective product. The liability of Rmax, if any, and the Buyer’s sole and exclusive remedy for damages for any claim of any nature or kind, whether arising in tort, contract, strict liability or other legal or equitable theory, shall not be greater than the actual purchase price of the product with respect to which such claim is made. Without limitation the foregoing, Rmax shall not be liable for Buyer’s loss of use, revenue or profit, or for any other indirect, indirect, incidental, special, or consequential damages of any kind (including, without limitation, loss of goodwill or anticipated profits, or lost business) to the Buyer or any other person or entity. Rmax hereby waives any right it may have to such damages.