R-Matte® Plus-3
Wall Insulation

MANUFACTURER
Rmax
13524 Welch Road
Dallas, Texas 75244-5291
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800-845-4455 (Eastern)  800-762-9462 (Western)
Email: Rmax@rmaxinc.com
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APPLICABLE STANDARDS
R-Matte® Plus-3 is manufactured to meet the physical property requirements of Product Specification ASTM C1289, Type I.

R-Matte® Plus-3 is accepted as a nonstructural insulative sheathing board by the following major model building codes: National Building Code (BOCA), Section 2603; Standard Building Code (SBCCI), Section 2603; Uniform Building Code (ICBO), Section 2602.

APPLICATION / INSTALLATION

Applications - This product is designed to be covered with siding materials of wood, wood-based products, hardboard, aluminum, vinyl, brick or stucco veneers. The white-matte finished (non-glare) side of this sheathing panel is installed facing to the outside of the wall structure when the exterior siding will be either wood, wood-based products, hardboard, aluminum or vinyl sidings. The reflective aluminum side of the sheathing panel is installed to the outside of the wall when the exterior finish will be either brick or stucco.

Stud Wall Construction - R-Matte® Plus-3 is applied to the exterior face of wood or metal studs to cover all studs, sills, plates and header constructions in order to provide insulation over details not normally covered by insulation products. R-Matte® Plus-3 may be secured to the studs with bugle-head screws, galvanized roofing nails, or common nails driven through cap washers. The interior of the stud wall system should be protected with a suitable vapor retarder.

Cavity Wall Construction - R-Matte® Plus-3 is secured to the dry face of the masonry block wall with a high grade adhesive. R-Matte® Plus-3 may be secured with bugle-head screws, galvanized roofing nails, or construction adhesives. The interior of the stud wall system should be protected with a suitable vapor retarder and thermal barrier.

Technical Data

<table>
<thead>
<tr>
<th>TYPICAL PHYSICAL PROPERTIES:</th>
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<tbody>
<tr>
<td>Property</td>
</tr>
<tr>
<td>Density, Overall, Nominal</td>
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<tr>
<td>Compressive Strength</td>
</tr>
<tr>
<td>Flame Spread, Core</td>
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<tr>
<td>Smoke Developed, core</td>
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<tr>
<td>Water Vapor Transmission</td>
</tr>
<tr>
<td>Water Absorption</td>
</tr>
<tr>
<td>Dimensional Stability</td>
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<tr>
<td>Service Temperatures</td>
</tr>
</tbody>
</table>

Note: Physical Properties shown are based on data obtained under controlled conditions and are subject to normal manufacturing tolerances. Flame spread numbers are shown for comparison purposes only and are not intended to represent the performance of R-Matte® Plus-3 and related components under actual fire conditions.
Masonry Wall Construction - R-Matte® Plus-3 is applied to either the exterior face or interior face of concrete or concrete masonry walls to provide an insulation layer over the entire surface. R-Matte® Plus-3 may be secured to the inside face of a concrete or concrete masonry wall, either over or under the furring members, and covered with a minimum 1/2 inch gypsum wallboard interior finish. Adhesives may be used to hold the R-Matte® Plus-3 in place against the wall temporarily. However, permanent attachment of the R-Matte® Plus-3, furring, or gypsum wallboard with adhesives is not acceptable. The gypsum wallboard must be secured with suitable screws or nails.

Re-Siding Construction - R-Matte® Plus-3 is applied over existing sound and solid siding. It is then covered with a suitable new siding of aluminum, vinyl, wood or wood fiber based products. The R-Matte® Plus-3 is secured with galvanized nails of sufficient length to penetrate the old sidings and sheathings below by at least one inch into the existing wall studs.

Exterior Stucco Construction - R-Matte® Plus-3 may be used as the insulative sheathing under hard coat stucco finishes. First, cover the R-Matte® Plus-3 with a suitable separation layer such as an organic or inorganic felt. Then, attach conventional metal wire lath and expansion joints with appropriate fasteners as dictated by the local building code. R-Matte® Plus-3 may be secured to the studs with bugle-head screws, galvanized roofing nails, or common-nails driven through cap washers. The interior of the stud wall system should be protected with a suitable vapor retarder. Rmax does not recommend the direct attachment of stucco, portland cement or polymer-modified types, directly to the face of the insulation product. Consult stucco manufacturers for details.

WARRANTY
See "Sales Policy" for warranty conditions. Rmax does not assume any responsibility or liability for the performance of any products other than those manufactured by Rmax.

AVAILABILITY
Rmatte® Plus-3 is available through an extensive distribution network. Contact Rmax Sales for product availability, pricing information, and the nearest distribution center.

WARNING
DO NOT leave R-Matte® Plus-3 exposed. Polyisocyanurate foam is an organic material which will burn when exposed to an ignition source of sufficient heat and intensity, and may contribute to flames spreading. Installations utilizing Rmax R-Matte® Plus-3 must be fully protected on the interior side of walls and roofs by a minimum of 1/2 inch gypsum board or equivalent. Masonry or concrete that is a minimum of one-inch thick or plywood that is a minimum of 1/2 inch thick or wood that is a minimum of one-inch nominal thickness is recognized as a suitable thermal barrier. Consult the Local Building Official for specific governing codes and requirements.

LIMITATIONS
R-Matte® Plus-3 is not recommended, nor warranted, for use as a commercial roofing insulation for use directly under membrane systems. See Rmax for suitable commercial roofing insulation products.

R-Matte® Plus-3 is not a structural panel. Stud walls insulated with R-Matte® Plus-3 must be properly braced for lateral loads according to the requirements of the local building codes.

<table>
<thead>
<tr>
<th>Nominal Thickness</th>
<th>Thermal 1 R-Value</th>
<th>Bundle Data (48” x 96”)</th>
<th>Truckload Data (48” x 96”)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.5”</td>
<td>3.2</td>
<td>96</td>
<td>3,072</td>
</tr>
<tr>
<td>0.625”</td>
<td>4.0</td>
<td>76</td>
<td>2,432</td>
</tr>
<tr>
<td>0.75”</td>
<td>5.0</td>
<td>60</td>
<td>1,920</td>
</tr>
</tbody>
</table>

1Thermal values are determined by using ASTM C518 test method at 75°F mean temperature on material conditioned according to PIMA Technical Bulletin No. 101.
R-Matte® Plus-3 Wall Insulation

07212/RMRP-3

Application Over Stud Walls

Interior Use of Sheathing on Stud Wall and Roof Rafters

Rmax Sheathing in a Residing Application

Rmax Sheathing Applied Over Concrete Masonry and Brick Veneer Walls.

Rmax Sheathing Applied to Interior Side of Concrete Masonry Walls.

Corporate & Sales Office
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(972) 387-4500 • (800) 527-0890 • (800) 845-4455 (Eastern) • (800) 762-9462 (Western)
Fax: (972) 387-4673 • Email: Rmax@rmaxinc.com • Web Site: www.rmaxinc.com

Plant Locations
Dallas, Texas • Greer, South Carolina • Fernley, Nevada

RM4202A – 06/08
LIMITED WARRANTY

Waiver of Jury

For loss or damage in transit must be filed with the Carrier by the Buyer. Material is loaded in accordance with the Carrier’s loading instructions to insure delivery without damage. Rmax will give all reasonable assistance to the Buyer.

Rmax does not guarantee time deliveries. 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 demurrage assessed by the Carrier in accordance with provisions of the Carrier’s tariffs, will be the Buyer’s responsibility. All risks of loss or damage during transit pass to the Buyer with the transfer of title as noted above. All claims against Rmax under the provisions of this Limited Warranty shall 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.

EACH PARTY HEREBY IRREVOCABLY WAIVES ANY AND ALL RIGHTS TO TRIAL BY JURY WITH RESPECT TO ANY LEGAL PROCEEDING ARISING OUT OF OR RELATING TO THIS TRANSACTION.

GENERAL PROVISIONS

Customer Pickup – LTL shipments are permitted subject to the following conditions:

1. Minimum order is approximately 15,000 board feet.
2. All LTL shipments shall be invoiced at the price in effect on the date of shipment.
3. All products will be invoiced at the price in effect on the date of shipment. In the event of a price increase, all unshipped orders accepted by Rmax prior to the effective date of the price increase shall be invoiced at the increased prices in effect at the time of shipment.

Price Policy - All products will be invoiced at the price in effect on the date of shipment. In the event of a price increase, all unsold orders shipped by Rmax prior to the effective date of the price increase shall be invoiced at the increased prices in effect at the time of shipment.

TERMS OF PAYMENT

2% ten (10) days; net thirty (30) days after date of invoice, contingent upon the Buyer having made prior satisfactory credit arrangements. Interest at the maximum rate permitted by the law will be added to all invoices not paid within thirty (30) days from the date of invoice.

RETURN OF ORDERS

Without the written approval of Rmax, no return of orders will be accepted. Returns will be accepted only for defects 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; or

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. 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 this material is 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

Specifications, descriptions, 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 representative, 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 stated conditions herein shall take precedence over any other conditions, and no change, additional or different provisions or conditions shall be binding on Rmax unless accepted by Rmax in writing. An order has been accepted by Rmax upon receipt in writing or shipping. No order will be accepted or produced until the manufacturing plant has accumulated orders of at least 15,000 board feet of any one product in any one order. Orders of less than 15,000 board feet can only be accepted if the manufacturing plant can coordinate the order with another order of like thickness.

REVISION OF ORDERS

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

Requests to return 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 material was 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.

TITLE, SHIPMENT-RISE OF RISK

Title to all goods furnished under this contract of sale pass 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. Shipment risk 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 demurrage assessed by the Carrier in accordance with provisions of the Carrier’s tariffs, will be the Buyer’s responsibility. All risks of loss or damage in transit must be filed with the Carrier by the Buyer. Material is loaded in accordance with the Rmax’s loading instructions to insure delivery without damage. Rmax will give all reasonable assistance to the Buyer in collecting loss or damage claims from the Carrier by furnishing duplicate invoices, affidavits showing count when loaded, method of loading, etc. Buyer should in all cases immediately report loss and/or damage to Carrier and request inspection in case of damage.

FORCE MAJEURE

Rmax will not be liable for damages resulting from an interruption, delay, or failure to ship in accordance with the terms of the order where such failure is caused by any requirements of a government agency or authority, shortage of raw materials, strikes, acts of God or other labor trouble, transportation delay, breakdowns, accidents, fires, riots, wars, acts of terrorism, Acts of God, or other causes beyond the control of Rmax.

TERMS OF PAYMENT

2% ten (10) days; net thirty (30) days after date of invoice, contingent upon the Buyer having made prior satisfactory credit arrangements. Interest at the maximum rate permitted by the law will be added to all invoices not paid within thirty (30) days from the date of invoice.

TRUCKLOAD QUANTITIES

1. 4’ X 8’ panels - twenty-four (24) units per forty-eight (48) foot flatbed trailer;
2. 4’ X 8’ panels - forty-eight (48) units per forty-eight (48) foot flatbed trailer;
3. Custom length panels - Orders for lengths other than those standards noted above cannot be accommodated on standard flatbed trailers to permit loading of the full truckload quantity required. Buyers ordering other standard than Rmax’s order or request a variable item of standard length and size to fill out the load, or may, on any increase in freight due to any inability to load full truckload units will be charged for the weight (based on the standard item(s)).

SPECIAL ORDERS - No order will be accepted or produced until the manufacturing plant has accumulated orders of at least 15,000 board feet of any one product in any one thickness. Orders of less than 15,000 board feet can only be accepted if the manufacturing plant can coordinate the order with another order of like thickness.

LEASE TERMS

Lead Times - Lead time for the standard insulation products shall be five (5) to ten (10) working days from the receipt of the order at Rmax’s manufacturing plant. Lead time for non-standard length insulation products shall be ten (10) to twenty (20) working days from the receipt of the order at Rmax’s manufacturing plant. This is based upon minimum orders of 30,000 board feet. Lead time for stopover or pooled freight loads shall be as noted above except that the time shall apply only from the time that Rmax can arrange the required pool truck.

LTL SHIPMENTS

LTL shipments will be subject to the following conditions:

1. Minimum order is approximately 15,000 board feet.
2. All LTL shipments shall be invoiced at the applicable list price plus a carbon charge.
3. LTL orders are subject to the following minimum quantities:

GENERAL PROVISIONS

This document with its provisions constitutes the entire agreement between Rmax Operating, LLC, and the Buyer and is intended as a final, complete and exclusive expression of the agreement. This agreement supersedes all prior representations, understandings and agreements. Any failure on the part of Rmax Operating, LLC to insist upon the performance of any term herein shall not be construed as a waiver or relinquishment of Rmax Operating, LLC’s right to such performance and Buyer’s obligation shall continue in full force and effect.

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.

CHOICE OF LAW

THE AGREEMENT SHALL BE GOVERNED AND CONSTRUED IN ACCORDANCE WITH THE LAWS OF THE STATE OF TEXAS, WITHOUT REGARD TO ITS CONFLICTS OF LAW OR CHOICE OF LAW PRINCIPLES.

RECLUSION OF CLAIMS

Any dispute arising out of or relating to this Transaction shall be litigated in an appropriate federal or state court located in Dallas, County, Texas.

WAIVER OF JURY

EACH PARTY HEREBY IRREVOCABLY WAIVES ANY AND ALL RIGHTS TO TRIAL BY JURY WITH RESPECT TO ANY LEGAL PROCEEDING ARISING OUT OF OR RELATING TO THIS TRANSACTION.