



# Product Guide

Superior Insulation Choices



**Continuous Insulation Solutions - Walls - Roofs - Exposed - Specialty - Accessories**



## MAXIMUM CONTROL IN EFFICIENT DESIGN FOR OVER 35 YEARS

Since 1978, Rmax has been manufacturing commercial, industrial and residential polyiso insulation products and providing engineered solutions for enhanced energy efficiency.

The newest Rmax building solution products, featuring ECOMAXci and Thermasheath-SI, are just two more examples of our industry leadership in action.

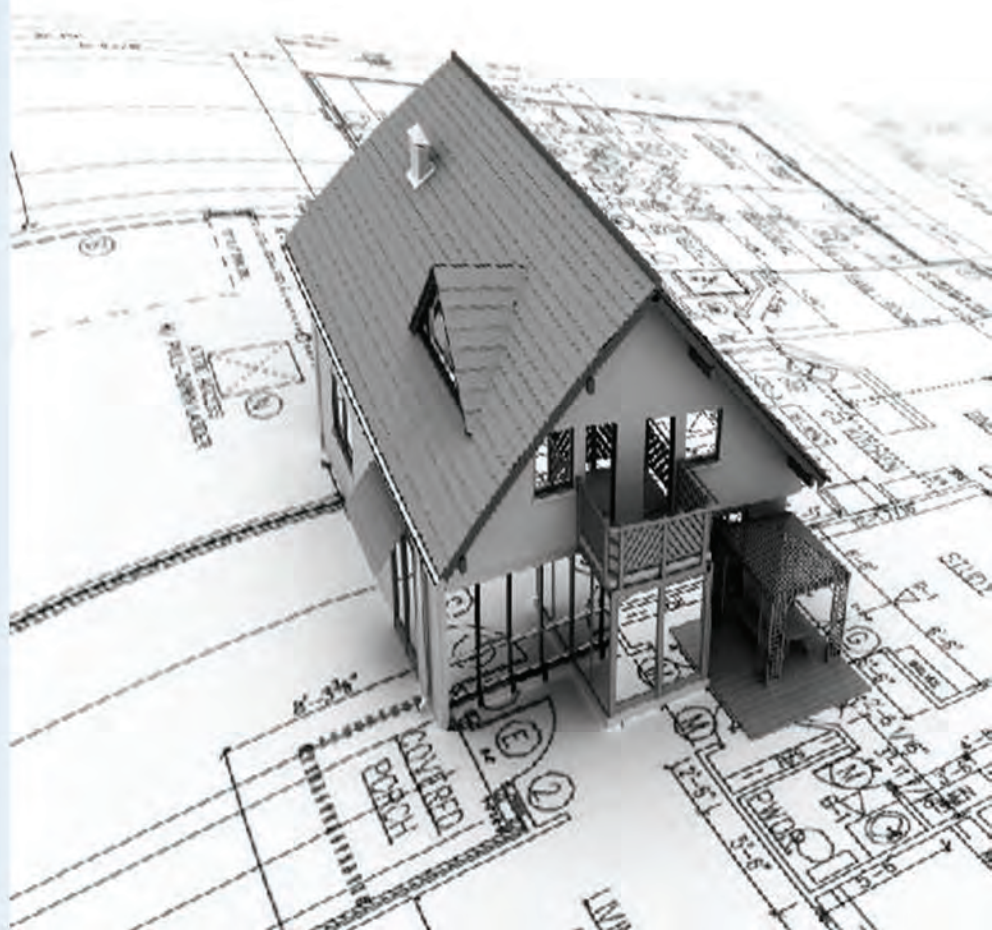
Our full line of high-quality, polyiso-based roof, wall and specialty insulation delivers maximum R-value with minimal environmental impact and efficiency in installation, cost and design. As new developments in building science emerge, Rmax will lead in the manufacturing of tested engineered solutions that serve architects, builders, owners and occupants alike.

We understand the diverse markets in which our products are used. Experience, integrity and responsiveness work to your advantage. Our manufacturing plants in Dallas, Texas; Greer, South Carolina and Fernley, Nevada, with sales offices coast-to-coast, stand ready to serve you.

As a founding member of the Polyisocyanurate Insulation Manufacturers Association (PIMA), Rmax has led the way in introducing energy efficient polyiso products and solutions for all manner of building applications.

### All The Reasons Why Polyiso Is The Only Choice For Continuous Insulation

- Low environmental impact
- CFC, HCFC and HFC-free blowing agent
  - Negligible global warming potential
  - Zero ozone depletion potential
- Cost effective, optimized energy performance
- Long service life
- Recyclable through reuse
- Recycled content (amount varies by product)
- Regional materials (nationwide production network)
- Meets new continuous insulation (ci) standards
- High R-value per inch of thickness
- Thinner walls and roofs with shorter fasteners
- Excellent fire test performance
- Extensive building code approvals
- Preferred insurance ratings
- Compatible with most roof and wall systems
- Moisture resistance
- Dimensional stability
- Compressive strength



Proudly Made and Engineered in the U.S.A.

# Rmax Wall Products

## R-Matte Plus-3 Sheathing Insulation



### PRODUCT DESCRIPTION

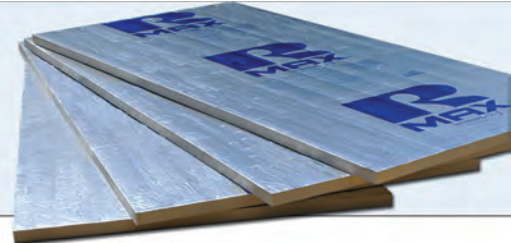
R-Matte Plus-3 is a versatile multi-application product, with a durable white-matte (non-glare) reinforced aluminum facer and a reflective reinforced aluminum facer. This thermal insulation is designed for use in cavity walls, masonry walls, vaulted ceilings and many other building envelope continuous insulation applications.

R-Matte Plus-3 is an excellent choice for many do-it-yourself applications to add insulation value to any project.

### COMPLIANCES

- ASTM C1289 Type I, Class 1
- Miami Dade County
- Air Barrier Material

## Thermasheath-3 Building Envelope Insulation



### PRODUCT DESCRIPTION

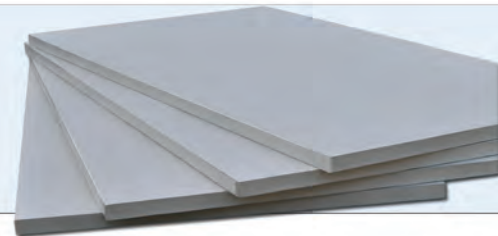
This lightweight thermal insulation board has reinforced aluminum foil facers. Thermasheath-3 is suitable for use in cavity walls, masonry walls, vaulted ceilings, some limited roofing applications, as well as, many other building envelope continuous insulation applications.

It is also an integral piece to maintaining the continuous insulation solution, when Thermasheath-SI is used as intermittent bracing.

### COMPLIANCES

- ASTM C1289 Type I, Class 1
- ICC-ES ESR-1864
- Miami Dade County
- City of Los Angeles
- Canadian Construction Materials Centre
- Air Barrier Material
- Underwriters Laboratories (UL)

## Durasheath-3 Building Envelope Insulation



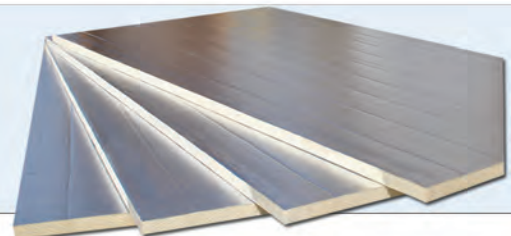
### PRODUCT DESCRIPTION

Offers energy performance and superior durability with its non-metallic, inorganic polymer coated glass fiber matte facers. It is intended for use in exterior walls with stucco veneer, concrete sandwich panels and many other building envelope applications, including those where an impermeable foil faced product is not desired.

### COMPLIANCES

- ASTM C1289 Type II, Class 2
- Underwriters Laboratories (UL)

## TSP-3 Specialty Insulation



### PRODUCT DESCRIPTION

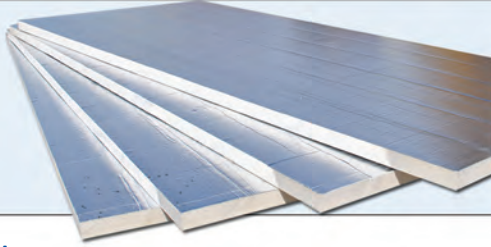
TSP-3 has glass fiber reinforced aluminum foil facers providing energy-efficiency and extra durability. It is designed for use in many building envelope applications, as well as, specialty applications for the OEM and industrial markets.

### COMPLIANCES

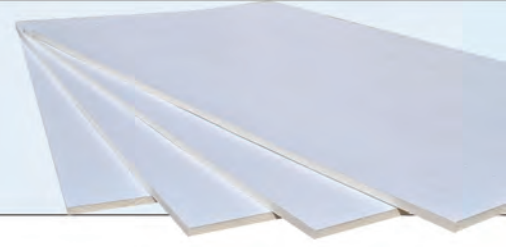
- ASTM C1289 Type I, Class 1
- Miami Dade County

# Rmax Exposed Products

## TSX-8500 Interior Finish



## TSX-8510 Interior Finish



### PRODUCT DESCRIPTION

This superior insulation product has glass fiber reinforced aluminum foil facers. The exposed side has a heavy 1.5mil aluminum reflective surface and is designed to provide an attractive interior finish without the need for a thermal barrier.

TSX-8500 is an exceptional choice for pre-engineered metal buildings, pole barns, parking structures and other light commercial applications. It is also suitable for use in basements, attics, crawl spaces, agricultural, post frame and cold storage applications.

### COMPLIANCES

- ASTM C1289 Type I, Class 1
- ICC-ES ESR-1864
- Miami Dade County
- City of Los Angeles
- Pressure Washable
- Tested per UL 1715
- Tested per NFPA 285
- Tested WRB
- Air Barrier Material
- Underwriters Laboratories (UL)

### PRODUCT DESCRIPTION

Just like TSX-8500, this product is designed for use without a thermal barrier to provide an attractive interior finish. The difference is that the exposed side of TSX-8510 has a heavy 1.5mil white aluminum surface.

Ideal for masonry walls, stud walls, pre-engineered metal buildings and agriculture applications, as well as, parking structures, storage buildings and other light commercial applications.

### COMPLIANCES

- ASTM C1289 Type I, Class 1
- Miami Dade County
- Tested per UL 1715
- Air Barrier Material
- Pressure Washable
- Underwriters Laboratories (UL)

## R-VALUE CHART FOR ALL PRODUCTS

Product	Nominal Thickness												
	0.5"	0.75"	1.00"	1.50"	1.55"	2.00"	2.50"	3.00"	3.50"	4.00"	4.50"	5.00"	5.50"
R-Matte Plus-3	3.2	5.0	6.0	9.6	10.0	13.1	16.7	20.3	23.9	27.4	31.0	---	---
Thermasheath-3	3.2	5.0	6.0	9.6	10.0	13.1	16.7	20.3	23.9	27.4	31.0	---	---
Durasheath-3	3.0	4.5	6.0	9.0	---	12.1	15.3	18.5	21.7	25.0	28.3	---	---
TSP-3	---	5.0	6.0	9.6	10.0	13.1	16.7	20.3	23.9	27.4	31.0	---	---
TSX-8500	---	5.0	6.0	9.6	10.0	13.1	16.7	20.3	23.9	27.4	31.0	---	---
TSX-8510	---	5.0	6.0	9.6	10.0	13.1	16.7	20.3	23.9	27.4	31.0	---	---
ECOMAXci	---	---	6.5	10.0	---	13.1	16.7	20.3	---	---	---	---	---
Thermasheath-SI	3.2	5.0	6.0	---	---	---	---	---	---	---	---	---	---
Nailable Base-3	---	---	---	6.3	---	9.2	12.0	15.0	18.0	21.1	24.2	---	---
Multi-Vent Nailable Base-3	---	---	---	---	---	---	5.7	8.6	11.4	14.4	17.4	20.5	23.6
Vented Nailable Base-3	---	---	---	---	---	---	5.7	8.6	11.4	14.4	17.4	20.5	23.6
Advantage Nailable Base-3	---	---	---	---	---	---	5.7	8.6	11.4	14.4	17.4	20.5	23.6
Multi-Max FA-3	---	---	---	8.6	---	11.4	14.4	17.4	20.5	23.6	---	---	---
Re-Cover Board-3	---	---	5.7	---	---	---	---	---	---	---	---	---	---
Ultra-Max	---	---	---	8.6	---	11.4	14.4	17.4	20.5	23.6	---	---	---
Thermarroof Plus-3	---	---	6.0	9.6	10.0	13.1	16.7	20.3	23.9	27.4	31.0	---	---

\*For a complete list of thicknesses and R-values, visit [www.rmax.com](http://www.rmax.com).

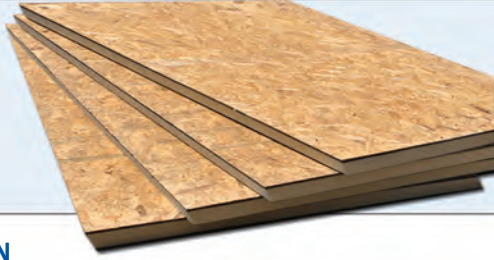
\*All products meet the continuous insulation requirements of ASHRAE 90.1 and the International Energy Conservation Code, as well as, the foam plastic requirements of the International Building Code and International Residential Code. They also meet California Code of Regulations, Title 24.



# Rmax Nailable Base Products

## Nailable Base-3

Above the Deck



### PRODUCT DESCRIPTION

Nailable Base-3, an all-in-one roof insulation and nailing surface, has a 7/16" thick OSB nailing panel bonded to a polyiso foam core with a glass fiber/organic matte facer on the bottom.

Designed for use with concrete, slate or clay roofing tiles, as well as, wood shakes, asphalt shingles and metal panel roofing systems.

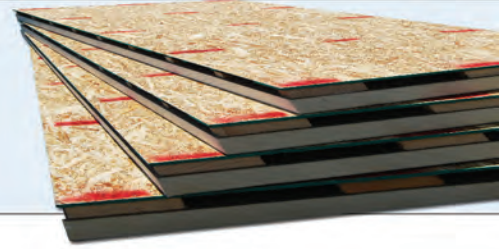
### COMPLIANCES

- ASTM C1289 Type V
- City of Los Angeles
- Factory Mutual (FM)

## Multi-Vent

## Nailable Base-3

Above the Deck



### PRODUCT DESCRIPTION

This energy-efficient thermal insulation utilizes solid OSB vent blocks to separate the rigid insulation layer from the OSB nailing surface. The insulation has glass fiber/organic matte facers on both sides. The solid wood vent blocks come standard at a true 1" allowing for maximum air flow in both directions.

Superior for use in residential or commercial steep slope roofing applications.

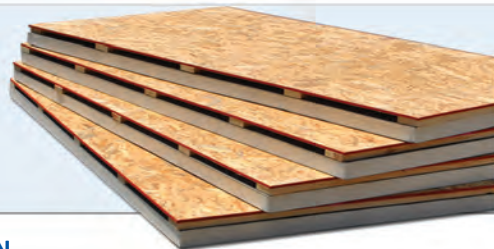
### COMPLIANCES

- ASTM C1289 Type V

## Vented

## Nailable Base-3

Above the Deck



### PRODUCT DESCRIPTION

Vented Nailable Base-3 is an insulation panel with glass fiber/organic matte facers bonded to furring strips and an OSB nailing surface. The solid wood furring strips come standard at a true 1" for increased air flow up the slope of the roof.

Great for preventing heat build-up and helps remove moisture as airflow is provided under the OSB and shingles.

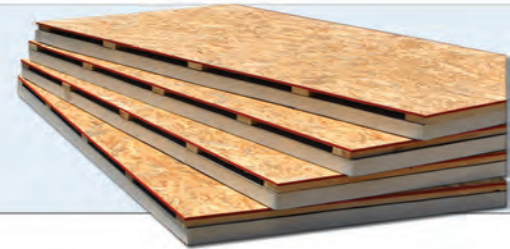
### COMPLIANCES

- ASTM C1289 Type V

## Advantage Vented

## Nailable Base-3

Above the Deck



### PRODUCT DESCRIPTION

A two-step system where the insulation with glass fiber/organic matte facers is installed first, followed by a separate OSB nailing surface with attached furring strips. Advantage Nailable Base-3 is used in steep slope roofing applications and is applied to the roof structure in order to provide a layer of continuous thermal insulation and increased moisture protection.

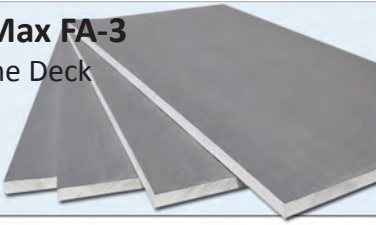
### COMPLIANCES

- ASTM C1289 Type V

# Rmax Roofing Products

## Multi-Max FA-3

Above the Deck



### PRODUCT DESCRIPTION

The glass fiber/organic matte facers make it compatible with virtually any roofing system. Specify it for use with single ply, built-up and modified bitumen membranes or metal panel roofing applications.

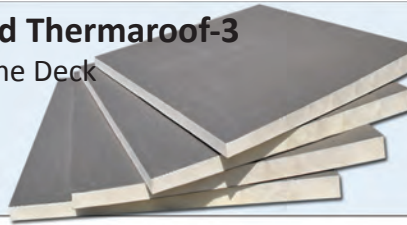
Multi-Max FA-3 is approved for use in new roofing constructions over steel, wood, non-combustible and certain types of nailable roof decks.

### COMPLIANCES

- ASTM C1289 Type II, Class 1
- Miami Dade County
- City of Los Angeles
- Canadian Construction Materials Centre
- Factory Mutual (FM)
- Underwriters Laboratories (UL)

## Tapered Thermarroof-3

Above the Deck



### PRODUCT DESCRIPTION

Improves roof drainage as designed with standard slopes of 1/8", 1/4" or 1/2" per foot. The rigid core is bonded to glass fiber/organic matte facers.

Installs easily with single-ply, built-up or modified bitumen membranes in new and retrofit applications.

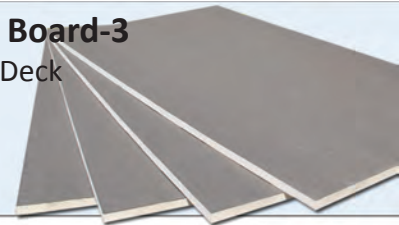
Utilize Multi-Max FA-3 to build up thickness for roof design.

### COMPLIANCES

- ASTM C1289 Type II, Class 1
- Miami Dade County
- City of Los Angeles
- Factory Mutual (FM)
- Underwriters Laboratories (UL)

## Re-Cover Board-3

Above the Deck



### PRODUCT DESCRIPTION

Re-Cover Board-3 provides improved energy efficiency to many retrofit applications and comes with glass fiber/organic matte facers.

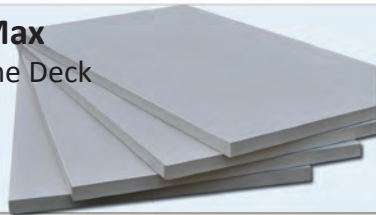
May be used in recover type applications where the existing roof system, including the deck below, is still sound and firmly attached.

### COMPLIANCES

- ASTM C1289 Type II, Class 1
- Miami Dade County
- City of Los Angeles

## Ultra-Max

Above the Deck



### PRODUCT DESCRIPTION

This energy reducing thermal insulation has inorganic polymer coated glass fiber matte facers.

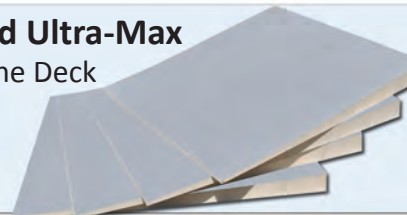
Suitable for use in constructions utilizing built-up, modified bitumen, mechanically attached single ply, as well as, many other roofing systems.

### COMPLIANCES

- ASTM C1289 Type II, Class 2
- Factory Mutual (FM)
- Underwriters Laboratories (UL)

## Tapered Ultra-Max

Above the Deck



### PRODUCT DESCRIPTION

Improves roof drainage as designed, with standard slopes of 1/8", 1/4" or 1/2" per foot. The rigid core is bonded to inorganic polymer coated glass fiber matte facers.

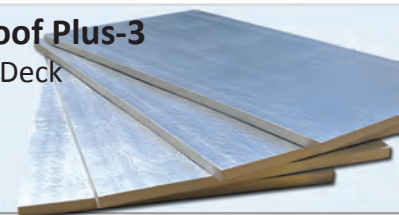
Appropriate for use in construction utilizing built-up, modified bitumen, mechanically attached single ply, as well as, many other roofing systems. Utilize Ultra-Max to build up thickness for roof design.

### COMPLIANCES

- ASTM C1289 Type II, Class 2
- Factory Mutual (FM)
- Underwriters Laboratories (UL)

## Thermarroof Plus-3

Above the Deck



### PRODUCT DESCRIPTION

This energy-efficient, aluminum foil faced roofing insulation is ideal for use in constructions utilizing metal panel roofing systems.

It is a heavy-duty insulation providing maximum efficiency along with moisture resistant facers.

### COMPLIANCES

- ASTM C1289 Type I, Class 1
- City of Los Angeles
- Factory Mutual (FM)





# Rmax: Superior Insulation Solutions

## ECOMAXci WALL SOLUTION

ECOMAXci has a closed-cell polyiso foam core, which is bonded to highly durable glass fiber reinforced aluminum foil facers on each side. This product is designed for use in exterior walls of buildings of Type I-IV construction.

ECOMAXci is installed continuously to reduce thermal bridging and meet R-value requirements with a thinner profile. This lightweight material is easy to install and blocks air and moisture - creating additional energy savings.

Combined with Rmax tape and flashing, this solution has been tested to meet fire performance, air infiltration and moisture resistance standards for a more effective, efficient building envelope design.

### COMPLIANCES

- ASTM C1289 Type I, Class 1
- DRJ TER 1212-03
- Tested per NFPA 285 Criteria
- Class A Flame Spread and Smoke Developed Indices
- Tested Air Barrier Assembly
- Tested WRB
- High Wind Solution Available
- Underwriters Laboratories (UL)



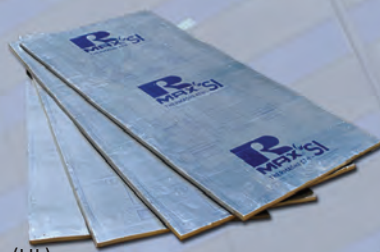
## THERMASHEATH-SI RESIDENTIAL SOLUTION

Thermasheath-SI is a composite product made up of insulation and structural components. The insulation component is a closed-cell polyiso foam bonded to reflective, reinforced aluminum facers. The structural component is a board comprised of fibered and specially treated plies which are pressure-treated with a water resistant adhesive.

Thermasheath-SI alone or with Thermasheath-3 is designed for exterior use over wood stud construction. Combined with Rmax tape and standard residential flashing, this 4 in 1 solution provides stability for lateral bracing and transverse loads, continuous insulation, an air barrier and a water resistive barrier eliminating the need for OSB, house wraps and other WRBs.

### COMPLIANCES

- ASTM C1289 Type I, Class 1
- DRJ TER 1207-01
- Tested Structural Panel
- Tested WRB
- Air Barrier Material
- Underwriters Laboratories (UL)



## SOLUTION COMPONENTS

### R-SEAL 3000

Tape for Insulation Solution Joints

- 2mil aluminum foil
- 4" width
- Acrylic adhesive
- Specifically designed for cold weather conditions
- 150 linear feet per roll

### R-SEAL 6000

Flashing for Windows, Doors & Penetrations

- 35mil polyethylene membrane
- 50 linear feet per roll
- Butyl rubber adhesive
- 9" and 12" widths
- Self-sealing

### R-SEAL Construction Tape\*

Tape for Exterior Insulation & Building Materials

- 3mil OPP film
- 3" width
- Acrylic adhesive
- Strong bond for weather-tight seals
- 165 linear feet per roll

\*Residential Solution Use Only



**SOLUTIONS**  
MAXimum Control in Efficient Design

## SURROUND YOUR BUILDING. SUPPORT YOUR DESIGN.



# Improving Your Design.

This product guide is intended to be used as general information. For specific product information, refer to product data sheets located on the website. For warranty information, refer to the Rmax *Sales Policy*. For pricing information, please contact the plant location nearest you. For technical and sales support, email [rmax@rmax.com](mailto:rmax@rmax.com) or call (800) 527-0890.

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