COMMERCIAL INSULATION PRODUCTS

DELIVERING SUPERIOR PERFORMANCE FOR THE BUILDING ENVELOPE

For more than 35 years, Rmax has been creating insulation solutions based on the latest building science. Our full line of high-quality, polyiso-based roof, wall and specialty insulation products for commercial, industrial and residential applications deliver maximum R-values and minimum environmental impact, with efficiency in installation, cost and design.

As new developments in building science emerge, rest assured that Rmax will remain on the forefront, manufacturing tested, engineered solutions that serve Architects, builders, owners and occupants alike. Our people understand the diverse markets our products are used in. Their integrity and responsiveness work to your advantage. Our manufacturing plants in Dallas, TX, Greer, SC and Fernley, NV, with sales offices coast-to-coast, stand ready to serve you.

Rmax insulation has been designed and tested to provide building envelopes with superior insulating protection, while meeting the newest codes and requirements.

Rmax's engineered products and solutions allow for ultimate efficiency through multiple design options, creating ease of construction and reduced energy usage. This leads to a better building envelope all while adding to the bottom-line through both material and labor savings - making Rmax an excellent choice for commercial buildings.

WHY SPECIFY RMAX POLYISO?

- Backed by over 35 years of expertise
- Satisfies ASHRAE 90.1 and IECC continuous insulation (c.i.) requirements
- Easy, efficient installation
- Lightweight, easy-to-handle materials
- Meets R-value requirements with a thinner profile than XPS, EPS or mineral wool
- Thinner profile leads to shorter fasteners
- Durable compressive strength
- Closed-cell foam

- Air Barrier
- Water-Resistive Barrier options
- Various facers
  - Mold resistant
  - Radiant barrier
  - Gastight
- Low environmental impact
- Helps qualify for LEED credits
- Utilizes a CFC, HCFC and HFC free blowing agent:
  - Zero Ozone Depletion Potential (ODP)
  - Negligible Global Warming Potential (GWP)
- North American distribution and beyond

Nebraska Furniture Mart - The Colony, Texas: Rmax Thermasheath®

WALL AND CEILING PRODUCTS

ECOMAXci® FR Air Barrier

Exterior Walls

Bonded to glass fiber reinforced aluminum facers on both sides - offering enhanced durability, dimensional stability and fire performance. The exposed board side is a 12mil facer with clear coating for limited protection against oxidation providing enhanced radiant heat protection.

PRODUCT BENEFITS

- ABAA evaluated air barrier
- Passes NFPA 285 without exterior gypsum
- Approved water-resistive barrier (WRB)
- Protects against moisture
- Mold resistant
- Reduces construction schedules
- Material and labor savings
- Eliminates thermal bridging

COMMERCIAL APPLICATIONS

- Exterior walls (Type I-IV)
  - Masonry
  - Steel stud
  - Fire retardant treated wood stud

KEY COMPLIANCES

- ASTM C1289 Type I, Class 1 and 2
- ASHRAE 90.1 and IECC
- DrJ TER 1212-03
- NFPA 285
- Class A Flame Spread
- UL 263, Time Rated Assemblies

APPROVED SOLUTION COMPONENT FOR USE WITHIN:

- ECOMAXci® Wall Solution
- R-Trac HVHZ System
  A Pressure Equalized Rainscreen (PER) wall assembly system, helping defend against damage caused by heavy winds, such as hurricanes, tornadoes, and high wind storms. It is ideal for the progressive architect and owner who are mindful of the energy footprint they develop.

ECOMAXci® FR

Exterior Walls & Interior

This superior insulation product has glass fiber reinforced aluminum foil facers. The exposed side has a heavy 12mil aluminum reflective surface and is designed to provide an attractive interior finish without the need for a thermal barrier - up to 4.5" on walls or 12" on ceilings.

PRODUCT BENEFITS

- Air barrier material
- Reduces heat loss
- Durable interior finish
- Facer acts as a radiant barrier
- Mold resistant

COMMERCIAL APPLICATIONS

- Exterior walls (Type I-IV)
  - Masonry
  - Steel stud
  - Fire retardant treated wood stud
- Farm or storage buildings
- Pre-engineered metal buildings
- Parking structures
- Laminate panels

KEY COMPLIANCES

- ASTM C1289 Type I, Class 1 and 2
- ASHRAE 90.1 and IECC
- DrJ TER 1309-03
- NFPA 285
- Exposure Rated (UL1715/NFPA 286)
- UL 263, Time Rated Assemblies

ECOMAXci® FR Ply

Cladding Attachment on Exterior Walls

A composite product of polyiso insulation with glass fiber reinforced aluminum facers on both sides. The polyiso board is bonded to 5/8" or 3/4" fire retardant treated plywood (FRTP).

PRODUCT BENEFITS

- Passes NFPA 285 without exterior gypsum
- Air barrier material
- Eliminates air infiltration
- Provides a suitable substrate for cladding attachments
- Eliminates heat loss through studs

COMMERCIAL APPLICATIONS

- Exterior walls (Type I-IV)
  - Masonry
  - Steel stud
  - Fire retardant treated wood stud

KEY COMPLIANCES

- ASTM C1289 Type V
- ASHRAE 90.1 and IECC
- DrJ TER 1811-02
- NFPA 285
- Class A Flame Spread

CLADDING ATTACHMENT SOLUTION:

This thermal continuous insulation is applied to fire retardant treated wood studs or metal framing with the fire retardant treated plywood to the exterior in order to provide a suitable substrate for cladding attachments. This energy-efficient insulation board has been tested within multiple NFPA 285 assemblies and is approved for use in exterior walls of buildings of any height.

ECOMAXci® Ply

Cladding Attachment on Exterior Walls

A composite product of polyiso insulation with glass fiber reinforced aluminum facers on both sides. The polyiso board is

PRODUCT BENEFITS

- Air barrier material
- Eliminates air infiltration
- Provides a suitable substrate for cladding attachments
- Eliminates heat loss through studs

COMMERCIAL APPLICATIONS

- Exterior walls (Type I-IV)
  - Masonry
  - Steel stud
  - Fire retardant treated wood stud

KEY COMPLIANCES

- ASTM C1289 Type V
- ASHRAE 90.1 and IECC
- DrJ TER 1504-04
- NFPA 285
- Class A Flame Spread
- UL 263, Time Rated Assemblies

TSX-8510
Exterior Walls and Exposed Use

Designed for use without a thermal barrier (up to 4.5" on walls or 12" on ceilings). The exposed side of the board has a heavy, embossed 12mil facer with a white modified acrylic coating.

PRODUCT BENEFITS

- Air barrier material
- Reduces heat loss
- Durable interior finish
- Facer acts as a radiant barrier
- Mold resistant

COMMERCIAL APPLICATIONS

- Exterior walls (Type I-IV)
  - Masonry
  - Steel stud
  - Fire retardant treated wood stud Stud
- Wood stud (Type V)
- Farm or storage buildings
- Pre-engineered metal buildings
- Parking structure
- Laminate panels

KEY COMPLIANCES

- ASTM C1289 Type I, Class 1 and 2
- ASHRAE 90.1 and IECC
- DrJ TER 1309-03
- NFPA 285
- Exposure Rated (UL1715/NFPA 286)
- UL 263, Time Rated Assemblies

Durasheath®
Building Envelope Insulation

Offers energy performance and superior durability with its non-metallic, inorganic polymer coated glass fiber mat facers.
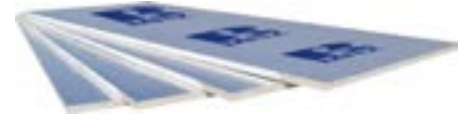
PRODUCT BENEFITS

- Air barrier material
- Reduces heat loss
- Blocks air and moisture
- Strong facer withstands additional wear and tear
- Mold resistant

COMMERCIAL APPLICATIONS

- Exterior walls (Type I-IV)
  - Masonry
  - Steel stud
  - Fire retardant treated wood stud Stud
- Wood stud (Type V)

KEY COMPLIANCES

- ASTM C1289 Type II, Class 2
- ASHRAE 90.1 and IECC
- Exposure Rated (ICC-ES AC12 Appendix B)
- UL 263, Time Rated Assemblies

Thermasheath®
Building Envelope Insulation

The lightweight thermal insulation board has reinforced aluminum facers with clear coating for limited protection against oxidation on each side.

PRODUCT BENEFITS

- Air barrier material
- Easy and efficient installation
- Reduces energy costs
- Reduces labor / material costs
- Mold resistant

COMMERCIAL APPLICATIONS

- Exterior walls (Type I-IV)
  - Masonry
  - Steel stud
  - Fire retardant treated wood stud Stud
- Wood stud (Type V)
- Concrete foundation
- Exterior ducting

KEY COMPLIANCES

- ASHRAE 90.1 and IECC
- DrJ TER 1309-03
- Water-Resistive Barrier (WRB)
- Exposure Rated (ICC-ES AC12 Appendix B)
- UL 263, Time Rated Assemblies

ECOMAXCI® WALL SOLUTION PROJECT PROFILE
UCSF Benioff Children's Hospital, Outpatient Center

The six-story, 88,000 sq. ft. addition to UCSF Benioff Children's Hospital's Oakland campus includes five floors of clinic space, exam & treatment rooms & labs.

BAF Specialty, Inc. used ECOMAXci® Wall Solution to help achieve goals set by the design team to have an energy efficient building while achieving a LEED Silver rating. It is a full building envelope solution that not only gives the hospital one of the highest R-value of any rigid foam, but also qualifies as an air and water-resistive barrier (WRB).

ROOF AND NAILABLE PRODUCTS

Multi-Max® FA-3
Insulation for Above the Deck

Durable glass fiber/organic mat facers on both sides - making it compatible with virtually any roofing system.

PRODUCT BENEFITS

- High R-value per inch
- Saves on energy dollars
- Approved for direct to deck
- 25 psi compressive strength available

COMMERCIAL APPLICATIONS

- Built-up roof (BUR)
- Modified bitumen
- Single ply membranes
- Metal panel roof

KEY COMPLIANCES

- ASTM C1289 Type II, Class 1
- Factory Mutual (Class 1)
- UL 263, Time Rated Assemblies
- UL 790 Class A, 1256 Class A
- Miami Dade County
- Florida Product Approval
- IBC, IRC, IECC, ASHRAE 90.1
- City of LA
- CA Insulation Directory

Ultra-Max®
Insulation for Above the Deck

Mold resistant inorganic polymer coated glass mat facers providing enhanced dimensional stability.
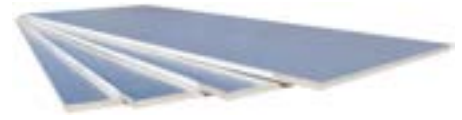
PRODUCT BENEFITS

- Mold resistant per ASTM D3273 (no defacement)
- High R-values per inch
- Saves on energy dollars
- No thermal barrier required
- 25 psi compressive strength available

COMMERCIAL APPLICATIONS

- Built-up roof (BUR)
- Modified bitumen
- Single ply membranes
- Metal panel roof

KEY COMPLIANCES

- ASTM C1289 Type II, Class 2
- Factory Mutual (Class 1)
- UL 263, Time Rated Assemblies
- UL 790 Class A, 1256 Class A
- Miami Dade County
- Florida Product Approval
- IBC, IRC, IECC, ASHRAE 90.1
- City of LA
- CA Insulation Directory

Thermaroof® Plus-3
Insulation for Above the Deck

Energy efficient thermal insulation bonded to reinforced aluminum facers on both sides.

PRODUCT BENEFITS

- High R-value per inch
- Saves on energy dollars
- No thermal barrier required
- 25 psi compressive strength available
- Reduces material/labor costs

COMMERCIAL APPLICATIONS

- Single ply membranes
- Metal panel roof

KEY COMPLIANCES

- ASTM C1289 Type I, Class 1 and Class 2
- Factory Mutual (Class 1)
- IBC, IRC, IECC, ASHRAE 90.1
- City of LA
- CA Insulation Directory

Rmax flat polyiso insulation offers versatile solutions for new and retrofit applications. They deliver high R-values per inch, are available in 25 psi compressive strength and can be installed direct to deck.

Rmax insulation products will save on energy dollars.

Ultra-Max® HD
1/2" High Density CoverBoard

Polyiso foam core bonded to inorganic polymer coated glass fiber mat facers on both sides.

PRODUCT BENEFITS

- Delivers an industry leading 2.5 R-value
- Mold resistant material per ASTM D3273
- Lightweight for installation efficiencies
- Excellent impact resistance from foot traffic, storms and hail (Approved FM Hail Rating)

COMMERCIAL APPLICATIONS

- Single ply membranes

KEY COMPLIANCES

- ASTM C1289 Type II, Class 4
- Factory Mutual (Class 1)
  - FM Standard 4450/4470
  - FM Severe Hail
- UL 263, Time Rated Assemblies
- UL 790 Class A, 1256 Class A
- IBC, IRC, IECC, ASHRAE 90.1

Tapered Thermaroof®
Insulation for Above the Deck

Tough glass fiber/organic mat facers on both sides. Improves roof drainage as designed with standard slopes of 1/8", 1/4" or 1/2" per foot. Tapered systems utilize flat Multi-Max® FA-3 to build up thickness for roof design.

PRODUCT BENEFITS

- Provides positive roof drainage
- Free factory engineered takeoffs
- 25 psi compressive strength available

COMMERCIAL APPLICATIONS

- Built-up roof (BUR)
- Modified bitumen
- Single ply membranes

KEY COMPLIANCES

- ASTM C1289 Type II, Class 1
- Factory Mutual (Class 1)
- UL 263, Time Rated Assemblies
- UL 790 Class A, 1256 Class A
- Miami Dade County
- Florida Product Approval
- IBC, IRC, IECC, ASHRAE 90.1
- City of LA

Tapered Ultra-Max®
Insulation for Above the Deck

Mold resistant inorganic polymer coated glass mat facers designed with standard slopes of 1/8", 1/4" or 1/2" per foot. Tapered systems utilize flat Ultra-Max® to build up thickness for system design.
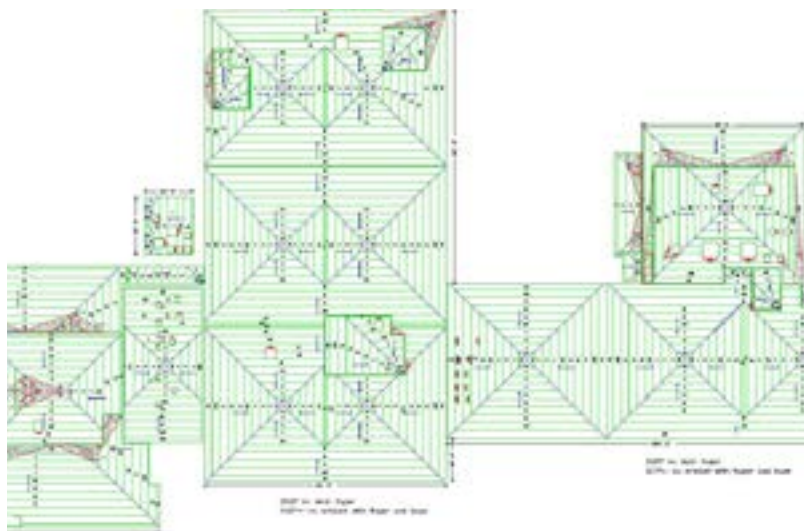
PRODUCT BENEFITS

- Provides positive roof drainage
- Free factory engineered takeoffs
- 25 psi compressive strength available

COMMERCIAL APPLICATIONS

- Built-up roof (BUR)
- Modified bitumen
- Single ply membranes

KEY COMPLIANCES

- ASTM C1289 Type II, Class 2
- Factory Mutual (Class 1)
- UL 263, Time Rated Assemblies
- UL 790 Class A, 1256 Class A
- Miami Dade County
- Florida Product Approval
- IBC, IRC, IECC, ASHRAE 90.1
- City of LA

Rmax Tapered polyiso insulation is manufactured with a standard slope of 1/8", 1/4" or 1/2" per foot slope to provide positive roof drainage. Rmax Tapered products are available with factory engineered roof layouts for simplified installation.

Re-Cover Board-3
Recovering Existing Roofs

Provides improved energy efficiency to many retrofit applications and comes with either glass fiber/organic mat (GRF) or coated glass fiber (CGF) facers.

PRODUCT BENEFITS

- Durable glass fiber/organic mat or coated glass fiber facers
- Easy to install
- Saves on energy dollars
- Reduces material and labor costs

COMMERCIAL APPLICATIONS

- Built-up roof (BUR)
- Modified bitumen
- Single ply membranes

KEY COMPLIANCES

- ASTM C1289 Type II
  - Class 1 (GRF)
  - Class 2 (CGF)
- Miami Dade County
- Florida Product Approval
- IBC, IRC, IECC, ASHRAE 90.1
- City of LA
- CA Insulation Directory

Nailable Base-3
Insulation for Above the Deck

An all-in-one roof insulation and nailing surface, has a 7/16" thick OSB nailing panel bonded to a polyiso foam board with glass fiber/organic mat or coated glass facers.

PRODUCT BENEFITS

- Durable glass fiber/organic or coated glass fiber facers
- Available with alternate nailing surfaces
- Allows for normal expansion of wood
- Reduces thermal loss
- Saves on energy dollars
- Reduces material and labor costs

COMMERCIAL APPLICATIONS

- Concrete, slate or clay roofing tiles
- Wood shakes
- Metal panel roofing
- Asphalt shingles (limited)

KEY COMPLIANCES

- ASTM C1289 Type V
- Factory Mutual (2" min)
- IBC, IRC, IECC, ASHRAE 90.1
- City of LA
- CA Insulation Directory

Multi-Vent Nailable
Insulation for Above the Deck

This energy-efficient composite insulation utilizes solid wood vent blocks to separate the rigid insulation layer from the standard 7/16" OSB nailing surface. The insulation has glass fiber/organic mat coated glass facers on both sides. The solid wood vent blocks come in 3/4" to 2" thicknesses to meet enhanced multi-directional venting requirements.

PRODUCT BENEFITS

- Durable glass fiber/organic or coated glass fiber facers
- Available with alternate nailing surfaces
- Allows for normal expansion of wood
- Reduces thermal loss
- Reduces moisture migration
- Saves on energy dollars
- Reduces material and labor costs

COMMERCIAL APPLICATIONS

- Concrete, slate or clay roofing tiles
- Wood shakes
- Metal panel roofing
- Asphalt shingles

KEY COMPLIANCES

- ASTM C1289 Type V
- IBC, IRC, IECC, ASHRAE 90.1
- CA Insulation Directory

"Rmax is the easiest manufacturer I work with. They are quick with prices and customer service is wonderful"

Victor Rodriguez, ABC distribution

RMAX ACCESSORIES

TAPES AND FLASHING

R-SEAL 3000 / 3000W
Tape for Insulation Solution Joints

- 2mil aluminum foil (reflective or white)
- Acrylic adhesive
- 4" width
- ABAA evaluated and listed
- Specifically designed for cold weather conditions

R-SEAL 6000
Flashing for Windows, Doors & Penetrations

- 35mil polyethylene membrane
- Butyl rubber adhesive
- 9" and 12" widths
- ABAA evaluated and listed
- Self-sealing

R-SEAL 2000 LF
Liquid Flashing

- ABAA evaluated and listed
- Primerless adhesion
- UV and weather resistant
- Effortless to spread/trowel

FASTENERS

2" THERMAL-GRIP CI WASHER AND GRIP-DECK SCREWS
- Steel stud construction
- Exterior applications
- Solid washer for preventing air and water leakage, pronged for pre-spotting
- Ceramic coated screws for corrosion resistance

1 ¾" PLASTI-GRIP CI WASHER AND GRIP-DECK SCREWS
- Wood or steel stud construction
- Interior applications
- Key-holed washer, pronged for pre-spotting
- Ceramic coated screws for corrosion resistance

PLASTI-GRIP PMF
- Concrete, block/CMU, tilt-wall construction
- Interior and exterior applications
- Flat head sits flush with insulation

NAILBOARD FASTENERS

SIPLD #2 DRILL POINT
Attaching Panels to Corrugated Steel (22-18GA)

SIPHD #4 DRILL POINT
Attaching Panels to Thick Steel (16GA-3/16") without Pre-Drilling

SIPTP GIMLET THREAD POINT
Attaching Panels to Wood and Timber

SIPLD   SIPHD   SIPTP

PVC INSULATION CLIPS

QUICK CLIP
Retaining system

FLEX-TITE
Two-part interlocking retaining system

FLEX-TITE J-CHANNEL
Retaining system to finish all terminations

A BETTER INSULATION SOLUTION.

Rmax solutions and our technical support team can help Architects, Designers and Specifiers meet the requirements of today's codes and plan for tomorrow. Ideal solutions, provide maximum efficiency, durability and protection at the lowest cost.

WHY ECOMAXCI® WALL SOLUTION?

Optimal commercial designs should achieve fire, air and water performance in addition to thermal protection. This requires separate assembly tests where components must be compatible and tested together to pass. The ECOMAXci® Wall Solution is a fully tested solution engineered to optimize continuous insulation, while satisfying fire, air and water code requirements.

ECOMAXCI® WALL SOLUTION MEETS
- NFPA 285 criteria without exterior gypsum board
- NFPA 285 criteria without mineral wool fire-stops around openings
- ABAA criteria for an air barrier assembly
- ICC-ES Acceptance Criteria for water-resistive barrier

CONTRIBUTES TO OVERALL SAVINGS
- Eliminates exterior gypsum
- Eliminates building wraps
- Eliminates membranes and other WRB's
- Fewer and lighter materials
- Faster dry-in time

MULTIPLE DESIGN OPTIONS
The approval of NFPA 285 assemblies with ECOMAXci® Wall Solution allows for ultimate efficiency through multiple design options, ease of construction, a better building envelope and reduced energy usage. With a direct impact on the savings throughout the life of the building, ECOMAXci® Wall Solution is the superior choice for commercial buildings.

BRICK TIES
GYPSUM WALLBOARD
RMAX R-SEAL 3000
ECOMAXci FR Air Barrier
STEEL FRAMING
BRICK VENEER

NEED A HIGH WIND SOLUTION?

### R-TRAC HVHZ SYSTEM FOR USE IN HIGH VELOCITY HURRICANE ZONES
R-Trac HVHZ System helps defend against damage caused by heavy winds, such as hurricanes, tornadoes and high wind storms. It has been tested to withstand wind speeds of up to 200 mph, which can help combat a category 3 hurricane or an F3 tornado.

HOW DOES THE SYSTEM WORK?
The ACM Pressure Equalized Rainscreen cladding is attached directly to Rmax ECOMAXci® FR Air Barrier providing continuous insulation with no additional sheathing, water or air barrier materials.

R-TRAC HVHZ WALL SYSTEM INCLUDES:
- Rmax ECOMAXci® FR Air Barrier thermal insulation board
- Rmax R-SEAL 3000 tape and R-SEAL 6000 flashing
- Altech Panel System's patented Accu-Trac® aluminum composite wall panel system
- Alpolic Composite Material, ACM and MCM, panels

R-SEAL 6000
R-SEAL 3000
ECOMAXci FR Air Barrier
ALTECH ACCU-TRAC
PER (PRESSURE EQUALIZED RAINSCREEN)
ALPOLIC COMPOSITE MATERIALS
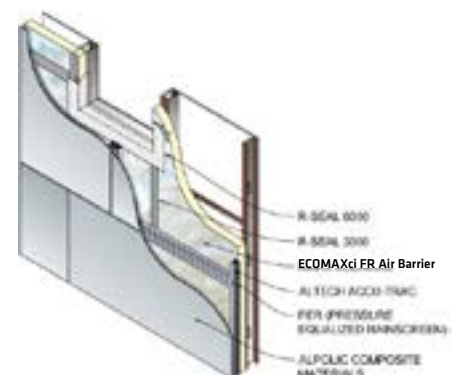
Manufactured by Altech Panel Systems, featuring Rmax ECOMAXci® FR Air Barrier and Alpolic composite material by Mitsubishi Plastics Composites America Inc.

For warranties, limitations and conditions refer to Rmax Sales Policy and applicable warranties. All documents are located at www.rmax.com. For technical support, email technical@rmax.com. For sales support, pricing and availability, email rmax@rmax.com or call (800) 527-0890.

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

Revision.04-23-2020

THERMAL R-VALUE AND LONG-TERM THERMAL RESISTANCE (LTTR) VALUE

Values for ECOMAXci® FR Ply and tapered roof products, refer to product data sheets.

Nominal Thickness (Inches)	THERMAL R-VALUE[1]		
	Thermasheath®	ECOMAXci® FR TSX-8510	ECOMAXci® FR Air Barrier
0.5	3.2	3.2	3.2
0.625	4.0	4.0	4.0
0.75	5.0	5.0	5.0
1.00	6.0	6.0	6.5
1.10	6.7	6.7	7.2
1.20	7.4	7.4	7.9
1.25	7.8	7.8	8.3
1.30	8.1	8.1	8.6
1.40	8.9	8.9	9.3
1.50	9.6	9.6	10.0
1.55	10.0	10.0	---
1.60	10.3	10.3	10.6
1.70	11.0	11.0	11.2
1.75	11.4	11.4	11.6
1.80	11.7	11.7	11.9
1.90	12.4	12.4	12.5
2.00	13.1	13.1	13.1
2.10	13.9	13.9	13.9
2.20	14.6	14.6	14.6
2.25	14.9	14.9	14.9
2.30	15.3	15.3	15.3
2.40	16.0	16.0	16.0
2.50	16.7	16.7	16.7
2.60	17.4	17.4	17.4
2.70	18.1	18.1	18.1
2.80	18.5	18.5	18.5
2.90	18.9	18.9	18.9
3.00	19.6	19.6	19.6
3.10	20.3	20.3	20.3
3.20	21.0	21.0	21.0
3.25	21.7	21.7	21.7
3.30	22.1	22.1	22.1
3.40	22.4	22.4	22.4
3.50	23.1	23.1	23.1
3.60	23.9	23.9	23.9
3.70	24.6	24.6	24.6
3.75	25.3	25.3	25.3
3.80	25.6	25.6	25.6
3.90	26.0	26.0	26.0
4.00	26.7	26.7	26.7
4.10	27.4	27.4	27.4
4.20	28.1	28.1	28.1
4.25	28.9	28.9	28.9
4.30	29.2	29.2	29.2
4.40	29.6	29.6	29.6
4.50	30.3	30.3	30.3

Nominal Thickness (Inches)	LTTR[1]	
	Ultra-Max® Multi-Max®FA-3 Re-Cover Board-3	Nailable Base-3[2]
1.0	5.7	----
1.1	6.3	----
1.2	6.8	----
1.3	7.4	----
1.4	8.0	----
1.5	8.6	6.3
1.6	9.1	6.9
1.7	9.7	7.4
1.75	10.0	7.7
1.8	10.3	8.0
1.9	10.8	8.6
2.0	11.4	9.2
2.1	12.0	9.7
2.2	12.6	10.3
2.3	13.2	10.9
2.4	13.8	11.4
2.5	14.4	12.0
2.6	15.0	12.6
2.7	15.6	13.2
2.8	16.2	13.8
2.9	16.8	14.4
3.0	17.4	15.0
3.1	18.0	15.6
3.2	18.6	16.2
3.3	19.2	16.8
3.4	19.9	17.4
3.5	20.5	18.0
3.6	21.1	18.6
3.7	21.7	19.2
3.8	22.3	19.8
3.9	23.0	20.5
4.0	23.6	21.1
4.1	24.2	21.7
4.2	24.9	22.3
4.3	25.5	22.9
4.4	26.1	23.6
4.5	26.8	24.2
4.6	----	24.8
4.7	----	25.5
4.8	----	26.1
4.9	----	26.7
5.0	----	27.4

[1]LTTR values are determined in accordance with CAN/ULC-S770. LTTR predicts a 15-year, time-weighted average.

[2]Nominal thicknesses and LTTR values include 7/16" OSB.

NOTE: LTTR value for Multi-Vent Nailable Base-3 is equivalent to corresponding foam thickness of Multi-Max® FA-3 or Ultra-Max®.

[1]Determined by ASTM C518 at 75F mean temperature on material conditioned according to PIMA TB101.