



**BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION**

**MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908**

NOTICE OF ACCEPTANCE (NOA)

**Roxul, Inc.
420 Bronte St. S. Suite 105
Milton, Ontario CANADA L9T 0H9**

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by the BCCO and accepted by the Building Code and Product Review Committee to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code and the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Roxul Roof Insulation

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA consists of pages 1 through 6.

The submitted documentation was reviewed by Alex Tigera.



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Expiration Date: 06/26/15
Approval Date: 06/23/10
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PRODUCT CONTROL NOTICE OF ACCEPTANCE

Category: Roofing
Sub-Category: Insulation
Material: Mineral Fiber

TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT:

<u>Product Name</u>	<u>Dimensions</u>	<u>Test Specifications</u>	<u>Product Description</u>
MonoBoard	4' x 4' x 1"	TAS 110	A rigid mineral wool based insulation board.
MonoBoard Plus	4' x 4' x 1"	TAS 110	A rigid mineral wool based insulation board with a bitumen coated top layer.
TopRock DD	4' x 4' x 2"	TAS 110	A dual density mineral wool insulation board with a rigid top surface.
TopRock DD Plus	4' x 4' x 2"	TAS 110	A dual density mineral wool insulation board with a rigid top surface and a bitumen layer impregnated into the top surface

MANUFACTURING LOCATION:

1. Ontario, Canada

EVIDENCE SUBMITTED:

<u>Test Agency/Identifier</u>	<u>Name</u>	<u>Report</u>	<u>Date</u>
Trinity ERD	Physical Properties	R32010.05.10-1	05/12/2010
		R32010.05.10-2	05/12/2010



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TYPICAL PHYSICAL PROPERTIES:

ROXUL INSULATION BOARDS					
Property	Test	Properties			
		MonoBoard	MonoBoard Plus	TopRock DD	TopRock DD Plus
Density (pcf)	ASTM C726	11.29	11.29	12.12	12.12
Compressive Strength (psi)	ASTM C165				
@ 25% consolidation		21.6	21.6	15.9	15.9
@ 10% consolidation		12.2	12.2	8.3	8.3
Tensile Strength (psf)	ASTM C209	603	603	565	565
Breaking Strength (lbf)	ASTM C203	31.7	31.7	153.5	153.5
Water Absorption (%)	ASTM C209	1.31	1.31	3.62	3.62
Thermal Resistance (°F-ft ² -hr /Btu)	ASTM C518	4.09	4.09	7.42	7.42
Thermal Conductivity (Btu-in / ft ² -hr-°F)	ASTM C518	.262	.262	.278	.278
Thermal Aging (%)	ASTM D2126				
Length		-0.056	-0.056	0.0	0.0
Width		-0.056	-0.056	-0.028	-0.028
Thickness		-0.281	-0.281	0.402	0.402
Linear Expansion (%)	ASTM D1037				
MD		0.08	0.08	0.08	0.08
XMD		0.0	0.0	0.0	0.0
Flame Spread	ASTM E84	0.0	0.0	0.0	0.0

COMPONENT APPLICATION:

Roxul Rockwool Insulation Boards

1. Refer to specific roof assembly NOA for minimum dimensions and for type and pattern of mechanical attachment, and/or adhesive
2. May be secured with ASTM D312 type III or IV asphalt at an application rate of 25 lbs/sq, mechanical attachment or urethane adhesive, unless otherwise specified in Roof Assembly NOA



PHYSICAL PROPERTIES OF COMPONENTS:

Tradename: MonoBoard
Thickness: 1” thick
Board Size(s): 4’ x 4’ (1.2 x 1.2m)
Core: Mineral Wool
Facers: None
Decks: Concrete, Cementitious Wood Fiber, Steel, Wood, Gypsum, Recover
Special Application: May be secured with ASTM D312 type III or IV asphalt at an application rate of 25 lbs/sq, mechanical attachment or urethane adhesive.

Tradename: MonoBoard Plus
Thickness: 1” thick
Board Size(s): 4’ x 4’ (1.2 x 1.2m)
Core: Mineral Wool
Facers: Asphalt Impregnated
Decks: Concrete, Cementitious Wood Fiber, Steel, Wood, Gypsum, Recover
Special Application: May be secured with ASTM D312 type III or IV asphalt at an application rate of 25 lbs/sq, mechanical attachment or urethane adhesive.

Tradename: TopRock DD
Thickness: 2” thick
Board Size(s): 4’ x 4’ (1.2 x 1.2m)
Core: Mineral Wool
Facers: High Density top surface
Decks: Concrete, Cementitious Wood Fiber, Steel, Wood, Gypsum, Recover
Special Application: May be secured with ASTM D312 type III or IV asphalt at an application rate of 25 lbs/sq, mechanical attachment or urethane adhesive.



Tradename: TopRock DD Plus
Thickness: 2" thick
Board Size(s): 4' x 4' (1.2 x 1.2m)
Core: Mineral Wool
Facers: High Density, asphalt impregnated top surface
Decks: Concrete, Cementitious Wood Fiber, Steel, Wood, Gypsum, Recover
Special Application: May be secured with ASTM D312 type III or IV asphalt at an application rate of 25 lbs/sq, mechanical attachment or urethane adhesive.

GENERAL LIMITATIONS:

- 1 Roof assemblies are approved under specific roof cover's Product Control Notice of Acceptance.
- 2 All approved products listed herein shall be labeled and shall bear the imprint or identifiable marking of the manufacturer's name or logo and following statement: "Miami-Dade County Product Control Approved" or the Miami-Dade County Product Control Seal as shown below.



- 3 All products listed herein shall have a quality assurance audit in accordance with the Florida Building Code and Rule 9B-72 of the Florida Administrative Code.
- 4 Fire classification is not a part of this Notice of Acceptance.
- 5 Roxul Inc. products may be used with any approved roof covering listing a specific Roxul, Inc. product as a component part of a roof assembly Notice of Acceptance. If a Roxul Inc. product is not listed, a request may be made to the local building inspector or the Miami Dade Building Code Compliance Office for approval provided that appropriate documentation is provided.
- 6 Failure to comply with any section of this Acceptance shall be cause for termination and removal of Acceptance.

END OF THIS ACCEPTANCE



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