



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

NOTICE OF ACCEPTANCE (NOA)

National Gypsum Company
5901 Carnegie Blvd.
Charlotte, NC. 28209

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER - Product Control Section 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 Section (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. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section 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 including the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: DEXcell FA Glass Mat Roof Board, DEXcell Glass Mat Roof Board, and DEXcell Cement Roof Board

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 4.
The submitted documentation was reviewed by Alex Tigera.



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ROOFING COMPONENT APPROVAL

Category: Roofing
Sub-Category: Insulation
Type: Insulation
Material: Gypsum and Cementitious

TYPICAL PHYSICAL PROPERTIES:

<u>Product</u>	<u>Property</u>	<u>Test Method</u>	<u>1/4" Thick</u>	<u>1/2" Thick</u>	<u>5/8" Thick</u>
DEXcell FA Glass Mat Roof Board <i>Manuf. Location: #1</i>	Weight, lbs./ft ² nom.		1.2	2.0	2.5
	Flexural Strength:	ASTM C 473			
	Parallel lbs.	ASTM C 473	102	157	164
	Flute Spanability	ASTM E 661	2 5/8"	5"	8"
	Permeance, perms	ASTM E 96	25	24	23
	Absorption, % max.	ASTM C 473	10	10	10
	Compression, psi, max. load		900	900	900
	UL Fire Resistance Classified		UL Classified	UL Classified	UL Classified

<u>Product</u>	<u>Property</u>	<u>Test Method</u>	<u>1/4" Thick</u>	<u>1/2" Thick</u>	<u>5/8" Thick</u>
DEXcell Glass Mat Roof Board <i>Manuf. Location: #1</i>	Weight, lbs./ft ² nom.		1.2	2.0	2.5
	Flexural Strength:	ASTM C 473			
	Parallel lbs.	ASTM C 473	90	129	144
	Flute Spanability	ASTM E 661	2 5/8"	5"	8"
	Permeance, perms	ASTM E 96	25	24	23
	Absorption, % max.	ASTM C 473	10	10	10
	Compression, psi, max. load		900	900	900
	UL Fire Resistance Classified		UL Classified	UL Classified	UL Classified

<u>Product</u>	<u>Property</u>	<u>Test Method</u>	<u>Clinton, IN</u>	<u>Green Grove Springs, FL.</u>
DEXcell Cement Roof Board <i>Manuf. Locations: #2, and #3</i>	Weight, lbs./ft ² nom.		2.1	2.1
	Flexural Strength: after 24-72h water immersion	ASTM C 947	1025 psi	976 psi
	Density	ASTM D 1622	59.3 lbs./ft ³	54.4 lbs./ft ³
	Compressive Strength	ASTM D 1621	1250 psi	1250 psi
	Water Absorption	ASTM C 209	< 10% max	< 10% max

Note: The physical properties listed above are presented at typical average values as determined by accepted ASTM test methods and are subject to normal manufacturing variation. Numerical ratings as determined by ASTM Test Method E-84 are not intended to reflect hazards presented by this or any other material under actual fire conditions.



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MANUFACTURING LOCATION(S):

1. Savannah, GA
2. Clinton, IN
3. Green Cove Springs, FL.

EVIDENCE SUBMITTED:

<u>Test Agency/Identifier</u>	<u>Name</u>	<u>Report</u>	<u>Date</u>
PRI Construction Materials Technologies	ASTM C 1177	NGC-012-02-01	11/03/14
	ASTM C 1177	NGC-012-02-02	11/03/14
	ASTM C 1177	NGC-015-02-01	11/03/14
	ASTM C 1177	NGC-013-02-01	11/03/14
	ASTM C 1177	NGC-013-02-02	11/03/14
	ASTM C 1177	NGC-014-02-01	12/19/14
	ASTM C 1325	NGC-008-02-01	11/03/14
	ASTM C 1325	NGC-010-02-01	11/03/14

TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT:

Tradename: ¼” DEXcell FA Glass Mat Roof Board
Thickness: ¼” (6.4 mm)
Board Size(s): 4' x 4' (1.2 x 1.2 m) and 4' x 8' (1.2 x 2.4 m)
Core: Gypsum
Facers: Heavy duty Coated Glass Mat
Decks: Concrete, Cementitious Wood Fiber, Steel, Wood, Lightweight Concrete, Gypsum
Special Application: Flat boards. See specific Roof Assembly NOA, and RAS 117 for specific system approvals.

Tradename: ½” DEXcell FA Glass Mat Roof Board
Thickness: ½” (12.7 mm)
Board Size(s): 4' x 4' (1.2 x 1.2 m) and 4' x 8' (1.2 x 2.4 m)
Core: Gypsum
Facers: Heavy duty Coated Glass Mat
Decks: Concrete, Cementitious Wood Fiber, Steel, Wood, Lightweight Concrete, Gypsum
Special Application: Flat boards. See specific Roof Assembly NOA, and RAS 117 for specific system approvals.

Tradename: 5/8” DEXcell FA Glass Mat Roof Board
Thickness: 5/8” (15.9 mm)
Board Size(s): 4' x 4' (1.2 x 1.2 m) and 4' x 8' (1.2 x 2.4 m)
Core: Gypsum
Facers: Heavy duty Coated Glass Mat
Decks: Concrete, Cementitious Wood Fiber, Steel, Wood, Lightweight Concrete, Gypsum
Special Application: Flat boards. See specific Roof Assembly NOA, and RAS 117 for specific system approvals.

Tradename: ¼” DEXcell Glass Mat Roof Board
Thickness: ¼” (6.4 mm)
Board Size(s): 4' x 4' (1.2 x 1.2 m) and 4' x 8' (1.2 x 2.4 m)
Core: Gypsum
Facers: Coated Glass Mat
Decks: Concrete, Cementitious Wood Fiber, Steel, Wood, Lightweight Concrete, Gypsum
Special Application: Flat boards. See specific Roof Assembly NOA, and RAS 117 for specific system approvals.



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Tradename: ½” DEXcell Glass Mat Roof Board
Thickness: ½” (12.7 mm)
Board Size(s) 4' x 4' (1.2 x 1.2 m) and 4' x 8' (1.2 x 2.4 m)
Core: Gypsum
Facers: Coated Glass Mat
Decks: Concrete, Cementitious Wood Fiber, Steel, Wood, Lightweight Concrete, Gypsum
Special Application: Flat boards. See specific Roof Assembly NOA, and RAS 117 for specific system approvals.

Tradename: 5/8” DEXcell Glass Mat Roof Board
Thickness: 5/8” (15.9 mm)
Board Size(s) 4' x 4' (1.2 x 1.2 m) and 4' x 8' (1.2 x 2.4 m)
Core: Gypsum
Facers: Coated Glass Mat
Decks: Concrete, Cementitious Wood Fiber, Steel, Wood, Lightweight Concrete, Gypsum
Special Application: Flat boards. See specific Roof Assembly NOA, and RAS 117 for specific system approvals.

Tradename: DEXcell Cement Roof Board
Thickness: 7/16” (11.1 mm)
Board Size(s) 4' x 4' (1.2 x 1.2 m) and 4' x 8' (1.2 x 2.4 m)
Core: Cementitious
Facers: Fiberglass mesh
Decks: Concrete, Cementitious Wood Fiber, Steel, Wood, Lightweight Concrete, Gypsum
Special Application: Flat boards. See specific Roof Assembly NOA, and RAS 117 for specific system approvals.

COMMENTS AND LIMITATIONS:

1. Roof assemblies are approved under specific roof cover’s Product Control Notice of Acceptance.
2. National Gypsum Company products may be used with any approved roof covering listing a specific National Gypsum Company product as a component part of a roof assembly Notice of Acceptance. If a National Gypsum Company product is not listed, a request may be made to the authority having jurisdiction or the Miami Dade Building Code Compliance Office for approval provided that appropriate documentation is provided.
3. Fire classification is not a part of this Notice of Acceptance
4. All products listed herein shall have a quality assurance audit in accordance with the Florida Building Code and Rule 61G20-3 of the Florida Administrative Code.
5. All approved products listed herein shall be labeled and shall bear the imprint or identifiable marking of the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved" or the Miami-Dade County Product Control Seal as shown below.



END OF THIS ACCEPTANCE



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