



**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)

**Georgia-Pacific Corporation
2861 Miller Road
Decatur, GA 30035-4036**

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 BCCO (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. BCCO reserves the right to revoke this acceptance, if it is determined by BCCO 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 South Florida Building Code, 1994 Edition for Miami-Dade County or Florida Building Code.

DESCRIPTION: Georgia-Pacific Gypsum Board, Dens Deck®

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 Frank Zuloaga, RRC



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Expiration Date: 02/02/02
Approval Date: 10/25/01
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ROOFING COMPONENT APPROVAL

Category: Roofing
Sub-Category: Insulation and Sheathing Panels

Materials: Gypsum
Maximum Design Pressure N/A

TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT:

<u>Product</u>	<u>Dimensions</u>	<u>Test Specifications</u>	<u>Product Description</u>
Dens-Deck® & Dens-Deck® Prime Overlayment Board	4' x 8' x 1/4"	PA 110	A non-structural, glass mat faced gypsum product with a silicone-treated, water resistant gypsum core and glass surface mats front, back and long edges, the primed board has one side coated with an acrylic limestone filled binder; for use as an overlayment, underlayment, bonding surface or fire barrier.
Dens-Deck® & Dens-Deck® Prime Roof Board	4' x 8' x 1/2"	PA 110	A non-structural, glass mat faced gypsum product with a silicone-treated, water resistant gypsum core and glass surface mats front, back and long edges, the primed board has one side coated with an acrylic limestone filled binder; for use as an overlayment, underlayment, bonding surface or fire barrier.
Dens-Deck® & Dens-Deck® Prime Fireguard® Type X Gypsum Board	4' x 8' x 5/8"	PA 110	A non-structural, glass mat faced gypsum product with a silicone-treated, water resistant gypsum core and glass surface mats front, back and long edges, the primed board has one side coated with an acrylic limestone filled binder; for use as an overlayment, underlayment, bonding surface or fire barrier.

TRADE NAMES OF PRODUCTS MANUFACTURED BY OTHERS

<u>Product</u>	<u>Dimensions</u>	<u>Test Specifications</u>	<u>Product Description</u>	<u>Manufacturer</u>
Anchorbond		PA 114	Steel/concrete/wood fastening assembly	Construction Fasteners, Inc.
Dekfast Fastening Systems		PA 114	Steel/concrete fastening assembly	Construction Fasteners, Inc.



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<u>Product</u>	<u>Dimensions</u>	<u>Test Specifications</u>	<u>Product Description</u>	<u>Manufacturer</u>
Perma-Fasteners		PA 114	Steel fastening assembly	International Permalite
Buildex Roofgrip		PA 114	Steel/concrete/wood fastening assembly	ITW Buildex Corp.
Polymer Gyptec		PA 114	Lightweight concrete fastening assembly	ITW Buildex Corp.
Hextra		PA 114	Steel/wood fastening assembly	ITW Buildex Corp.
UltraFast/Glasfast		PA 114	Steel/wood fastening assembly	Johns Manville
Insulfixx Fastening Systems		PA 114	Steel/concrete/wood fastening assembly	SFS/Fabco
Trufast Fastening Systems		PA 114	Steel/concrete/wood fastening assembly	Trufast
Asphalt		ASTM D 312, type III	Mopping asphalt	Generic

EVIDENCE SUBMITTED

<u>Test Agency/Identifier</u>	<u>Name</u>	<u>Report</u>	<u>Date</u>
Factory Mutual Research Corporation	Fire and Wind Uplift Classification	J.I.# 1N2A6.AM	07/21/87
	Wind Uplift Classification	J.I.# 0Y8A9.AM	08/30/94
Underwriters Laboratories, Inc.	Fire Classification	R2717	08/29/89
	Fire Classification	R15206	01/10/94
	Fire Classification	00NK50350	04/02/01
	Fire Classification	01NK3902	04/12/01



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TYPICAL PHYSICAL PROPERTIES:

<u>Property</u>	<u>Test</u>	<u>¼" Dens-Deck & Prime</u>	<u>½" Dens-Deck & Prime</u>	<u>⅝" Dens-Deck & Prime</u>
Weight, lbs./M ft. ²		1100	1975	2500
Flexural Strength:	ASTM C 473			
Parallel, lbs.min.			80	100
Perpendicular , lbs. min.			100	140
Flute Spanability	ASTM E 661	2 ⅝"	5"	8"
Permeance, perms	ASTM E 96	48	23	28(est)
"R" Value	ASTM C 518	0.4	0.56	0.67
Coefficient of Expansion, inches/inch/°F		10 x 10 ⁻⁶	10 x 10 ⁻⁶	10 x 10 ⁻⁶
Nail Pull Resistance, lbs. force, min.	ASTM C 473		80	90
Core Hardness, lbs.			41	42
Edge Hardness, lbs.			51	52
Absorption, % max.	ASTM C 473		10	10
Compression, psi, max. load		660	660	660
Humidified Deflection, inches	ASTM C 473		¼"	⅛"
Surface Water Resistance, grams	ASTM C 473		2.5	2.5
UL Fire Resistance Classified		UL Class A UL 1256		Type DGG ¹
Surface Burning Characteristics- Flamespread	ASTM E 84	0	0	0
Smoke Developed	ASTM E 84	0	0	0

1 For use in UL "P" designs where either ½" or ⅝" thick gypsum wallboard is specified.

Note: The physical properties listed above are presented at typical average values. 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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PHYSICAL PROPERTIES OF COMPONENTS:

Tradename: Dens-Deck & Prime Overlayment

Thickness: Minimum ¼” thick

Board Size(s): 4’ x 8’ (1.2 x 2.4m)

Core: Gypsum

Facers: Fiberglass mat

Decks: Concrete, Cementitious Wood Fiber, Steel, Wood, Lightweight Concrete, Gypsum

Special Application: Dens-Deck & Prime may be secured with ASTM D 312 type III asphalt at an application Rate of 25 lbs./sq. \pm 15%, or by mechanical attachment. Maximum board size for asphalt securement is 4’ x 4’.

Tradename: Dens-Deck & Prime Roof Board

Thickness: Minimum ½” thick

Board Size(s): 4’ x 8’ (1.2 x 2.4m)

Core: Gypsum

Facers: Fiberglass mat

Decks: Concrete, Cementitious Wood Fiber, Steel, Wood, Lightweight Concrete, Gypsum

Special Application: Dens-Deck & Prime may be secured with ASTM D 312 type III asphalt at an application Rate of 25 lbs./sq. \pm 15%, or by mechanical attachment. Maximum board size for asphalt securement is 4’ x 4’.

Tradename: Dens-Deck Fireguard & Prime Roof Board

Thickness: Minimum $\frac{5}{8}$ ” thick

Board Size(s): 4’ x 8’ (1.2 x 2.4m)

Core: Gypsum

Facers: Fiberglass mat

Decks: Concrete, Cementitious Wood Fiber, Steel, Wood, Lightweight Concrete, Gypsum

Special Application: Dens-Deck & Prime may be secured with ASTM D 312 type III asphalt at an application Rate of 25 lbs./sq. \pm 15%, or by mechanical attachment. Maximum board size for asphalt securement is 4’ x 4’.



COMPONENT APPLICATION:

1/4", 1/2" Dens Deck & Prime Roof Board, 5/8" Fireguard & Prime

1. Refer to specific roof assembly NOA for minimum dimensions and for type and pattern of mechanical attachment, and/or adhesive.
2. Fastening Patterns shall be a minimum of 16 insulation fasteners and plates per 4' x 8' panel (1:2 ft²), unless otherwise specified in Roof Assembly NOA.

COMMENTS AND LIMITATIONS:

1. Georgia-Pacific products are components used in approved roof assemblies.
2. Georgia-Pacific products may be used with any approved roof assembly NOA listing a specific Georgia-Pacific product as a component part of an assembly. If a Georgia-Pacific product is not listed, a request may be made to the Building Official or the Miami-Dade Office of Building Code Compliance Product Control Division for approval provided that appropriate documentation is provided.

END OF THIS ACCEPTANCE



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