



MIAMI-DADE COUNTY, FLORIDA  
METRO-DADE FLAGLER BUILDING

BUILDING CODE COMPLIANCE OFFICE (BCCO)  
PRODUCT CONTROL DIVISION

140 WEST FLAGLER STREET, SUITE 1603  
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(305) 375-2901 FAX (305) 375-2908

[www.buildingcodeonline.com](http://www.buildingcodeonline.com)

NOTICE OF ACCEPTANCE (NOA)

**Degussa Building Systems**  
**10601 Fulton Street**  
**Brighton CO 80601**

**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 Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) 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, including the High Velocity Hurricane Zone.

**DESCRIPTION: HLM 5000**

**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 new NOA consists of pages 1 through 4.

The submitted documentation was reviewed by Frank Zuloaga, RRC.



NOA No.: 04-1103.03  
Expiration Date: 06/09/10  
Approval Date: 06/09/05  
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**ROOFING ASSEMBLY APPROVAL**

**Category:** Roofing  
**Sub-Category:** Waterproofing

**Materials:** Polyurethane  
**Maximum Design Pressure** N/A  
**Fire Classification:** N/A

**TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT:**

<u>Product</u>	<u>Dimensions</u>	<u>Test Specification</u>	<u>Product Description</u>
HLM 5000 T HLM 5000 S HLM 5000 R HLM 5000 SL	5 gal buckets, 55 gallon drums	ASTM C 836, CGSB 37.58-M86	Single component, moisture curing, bitumen modified polyurethane elastomeric waterproofing membrane for exterior below-grade or between slab applications. In horizontal, vertical, and rollable grades
Primer 733	Pint size containers	N/A	Single component, film forming primer to be used that prepares the surface of galvanized steel, aluminum, anodized aluminum, copper and plastics for the adhesion of Sonneborn sealants and HLM 5000 waterproofing membranes
Sonoshield DBS Drain Board	200 & 300 ft <sup>2</sup> rolls.		A polypropylene drain board systems that significantly reduce the amount of water coming into contact with the waterproofing membranes, relieve hydrostatic pressure, and extend the life of the waterproofing system

**EVIDENCE SUBMITTED:**

<u>Test Agency</u>	<u>Test Identifier</u>	<u>Test Specification</u>	<u>Product Date</u>
Momentum Technologies, Inc.	EX23H4A	ASTM C 836	06/12/04



**APPROVED APPLICATIONS:**

**Deck Type 1**            Concrete Decks

**Deck Description:**    Min. 2500 psi, dual slab construction

**Substrate Preparation:**    All surfaces must be dry, smooth, free of depressions, voids, and protrusions, and clean and free of any non-compatible curing compounds, foam release agents and other surface contaminants. Membrane curing compounds must be mechanically removed. Substrate shall be smooth, free of voids, spalled areas, laitance, honeycombs, and sharp protrusions. Remove dust, dirt, and other contaminants just before or during application. Surfaces must be dry at the time of application.

**Primer:**                    35-40 ft<sup>2</sup> per pint on metal surfaces.

**Coating:**                 Select the grade of HLM 5000 that best meets the individual job requirements applied at a minimum rate of 25 ft<sup>2</sup> gal.

**Integrity Test:**         Required, and shall be performed in accordance with ASTM D 5957. Water may be maintained for a period longer than 24 hours if required.

**Inspection:**             Contractor and a representative of the membrane manufacturer shall inspect the waterproofing assembly and notify the contractor of any defects. All defects shall be corrected.

**Protection Board:**     For protection during backfill install protection board as soon as possible following cure of HLM 5000. Use the Sonoshield Drain Board System.

**Surfacing:**              Structural Concrete Slab, minimum 2500 psi, in compliance with applicable Building Code.

**Maximum Design Pressure**    N/A



**GENERAL LIMITATIONS:**

1. Required integrity flood testing shall be provided to the Building Official for review at time of final inspection.
2. HLM 500 system shall be installed solely by approved applicators familiar with the details and approved by Degussa Building System, Inc., and only with approved equipment.
3. Flashings shall be installed according to the manufacturers published standard details, specific details, approved by Degussa Building System, Inc., shall be submitted to the Building Official for review.
5. HLM 500 shall not be installed over lightweight insulating concrete.
6. All attachment and sizing of perimeter nailers, metal profile, and/or flashing termination designs shall conform with Roofing Application Standard RAS 111 and the wind load requirements of applicable Building Code.
7. 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.

**END OF THIS ACCEPTANCE**



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