MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING

BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908
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: Sonoguard: Pedestrian Traffic & Traffic Bearing Systems

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 6.
The submitted documentation was reviewed by Mark A. Zehnal, CPRC.

ROOFING ASSEMBLY APPROVAL

Category: Roofing
Sub-Category: Waterproofing

Materials: Polyurethane
Maximum Design Pressure - 592.5 psf
Fire Classification: N/A

TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT:

Product	Dimensions	Test Specification	Product Description
Sonoguard Base Coat	5 gal buckets, 55 gallon drums	ASTM C 957	Single component, moisture curing, polyurethane elastomeric waterproofing membrane for horizontal vehicular and pedestrian traffic areas as a waterproofing basecoat
Sonoguard Top Coat	5 gal buckets, 55 gallon drums	ASTM C 957	Single component, moisture curing, polyurethane elastomeric waterproofing membrane with integral aggregate for horizontal vehicular and pedestrian traffic areas as a traffic bearing (pedestrian or vehicular) wearing surface
Primer 733	Pint size containers	N/A	Single component, film forming primer used for flashing and termination surface preparation of galvanized steel, aluminum, anodized aluminum, copper and plastic for the adhesion of Sonneborn sealants and Sonoguard Basecoat or Sonoguard Topcoat waterproofing membranes
Primer 772 V.O.C.	5 gal buckets	N/A	One component solvent based, primer, sealer for concrete surfaces (where required)
Primer 770	5 gal buckets	N/A	Two component waterborne epoxy primer and sealer for concrete surfaces (where required)

EVIDENCE SUBMITTED:

Test Agency	Test Identifier	Test Specification	Product Date
Momentum Technologies, Inc.	EX15G4C	ASTM C 957	06/12/04
Exterior Research & Design, LLC	01351.05.05	TAS 114 (D)	05/27/05

APPROVED APPLICATIONS:

Deck Type 1	Concrete Decks
Deck Description:	Min. 3000 psi
System Type A:	Sonoguard Pedestrian Traffic System
Substrate Preparation:	Concrete must be fully cured (28 days) structurally sound, clean and dry (ASTM D 4263). All concrete surfaces (new and old) must be mechanically prepared to remove previous coatings, laitance, and all miscellaneous surface contamination and to provide profile for proper adhesion.
Primer:	Where required use either Primer 772 VOC, or Primer 770. These primers should be applied at a rate of 200-250 sq ft per gallon. Allow Primer to dry tack free. Base Coat must be applied in the same working day.
Base Coat:	Sonoguard Base Coat shall be applied at a minimum of 25wet mils or 60 sq ft per gallon. Base Coat shall be applied with a notched squeegee and back rolled to level out application. Allow to cure overnight.
Top-Coat	Apply 20 mils Sonoguard Top Coat or Sonoguard Tint Base (with the appropriate NP2 color paks) using a notched squeegee at 80 sq ft per gallon. Immediately backroll to level topcoat. While the coating is still wet, broadcast 10-251bs of 16-30 rounded silica sand into the coating. When using Sonoguard Tint Base with color paks an additional coat of Sonoguard Tint Base(colored) must be applied at 10-15 wet mils (100-150 sq ft per gallon) to achieve color uniformity.
Integrity Test:	Required, and shall be performed in accordance with ASTM D 5957. Water maybe maintained for a period longer than 24 hours if required.
Integrity:	Verify that the structure can support the deadload weight of a watertight test before proceeding. The integrity of the cured membrane on a horizontal surface may be verified by damming the entire area and flooding with water to a minimum depth of 2" and allowing the water to stand for 24-48 hours. Visually inspect the bottom surface to check for any water penetration
Maximum Design Pressure	- 592.5 psf

APPROVED APPLICATIONS:

Deck Type 1	Concrete Decks
Deck Description:	Min. 3000 psi
System Type A:	Sonoguard Traffic Bearing System
Substrate Preparation:	Concrete must be fully cured (28 days) structurally sound, clean and dry (ASTM D 4263). All concrete surfaces (new and old) must be mechanically prepared to remove previous coatings, laitance, and all miscellaneous surface contamination and to provide profile for proper adhesion.
Primer:	Where required use either Primer 772 VQC, or Primer 770. These primers should be applied at a rate of 200-250 sq ft per gallon. Allow Primer to dry tack free. Base Coat must be applied in the same working day.
Base Coat:	Sonoguard Base Coat shall be applied at a minimum of 25wet mils or 60 sq ft per gallon. Base Coat shall be applied with a notched squeegee and back rolled to level out application. Allow to cure overnight.
Intermediate Coat:	Apply 20 wet mils Sonoguard Top coat using a notched squeegee at 80 sq ft per gallon. Immediately backroll to level Top Coat. While coating still wet, broadcast 50-60 lbs 16-30 rounded silica sand to refusal. Allow to cure overnight.
Top-Coat	Remove all loose aggregate, then apply 20 mils Sonoguard Top Coat using a flat squeegee at 80 sq ft per gallon. Immediately backroll to level topcoat
Extra Heavy Duty:	The additional top coat should be utilized in turn lanes, pay booths, entrances and exits. The extra Heavy duty is as follows.
Priming:	Where required use either Primer 772 VOC, or Primer 770. These primers should be applied at a rate of200-250 sq ft per gallon. Allow Primer to dry tack free. Base Coat must be applied in the same working day.
Base Coat:	Sonoguard Base Coat shall be applied at a minimum of 25wet mils or 60 sq ft per gallon. Base Coat shall be applied with a notched squeegee and backrolled to level out application. Allow to cure overnight.
Intermediate Coat:	Apply 32 wet mils Sonoguard Top coat using a notched squeegee at 50 sq ft per gallon. Immediately backroll to level Top Coat. While coating still wet, broadcast 60-80 lbs of 16-30 rounded silica sand to refusal. Allow to cure overnight.
Top-Coat:	Remove all loose aggregate, then apply 20 mils Sonoguard Top Coat using a flat squeegee at 80 sq ft per gallon. Immediately backroll to level Top Coat.
Integrity Test:	Required, and shall be performed in accordance with ASTM D 5957. Water maybe maintained for a period longer than 24 hours if required.

Integrity:	Verify that the structure can support the deadload weight of a watertight test before proceeding. The integrity of the cured membrane on a horizontal surface may be verified by damming the entire area and flooding with water to a minimum depth of 2" and allowing the water to stand for 24-48 hours. Visually inspect the bottom surface to check for any water penetration
Maximum Design Pressure	-592.5 psf

GENERAL LIMITATIONS:

1. Required integrity flood testing shall be provided to the Building Official for review at time of final inspection.

2. Sonoguard 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. Sonoguard 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