



**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)

**Hydro-Stop Inc.
1465 Pipefitters Street
North Charleston, SC 29405**

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: Hydro-Stop Premium Coat Roof Maintenance Coating 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 NOA revises NOA # 03-1202.01 and consists of pages 1 through 8.
The submitted documentation was reviewed by Frank Zuloaga, RRC



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Expiration Date: 06/21/06
Approval Date: 02/24/05
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ROOFING SYSTEM APPROVAL

Category: Roofing
Type: Liquid Applied Membrane

Deck Type: Maintenance Coating
Fire Classification: See General Limitation #1

SCOPE:

This approves a roofing maintenance coating system using Hydro-Stop Premium Roof Coating system used on existing roof assemblies as, as described in this Notice of Acceptance.

TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT:

<u>Product</u>	<u>Dimensions</u>	<u>Test Specification</u>	<u>Product Description</u>
BarrierGuard	1, 5 gallon	PA 114	Priming and waterproofing compound for masonry surfaces.
BarrierGaurd Fabric	rolls	PA 114	Reinforcing fabric for BarrierGaurd waterproofing system.
Premium Coat Foundation	1, 5 gallon	PA 114	Acrylic elastomeric waterproofing compound used as a base layer in the Premium Coat waterproofing system.
Premium Coat Fabric	rolls	PA 114	Reinforcing fabric for the Premium Coat waterproofing system.
Premium Coat Finish	1, 5 gallon	PA 114	Acrylic elastomeric waterproofing compound used as a top layer in the Premium Coat waterproofing system.
CleanAct Primer	1, 5 gallon	PA 100	Rinseable water based primer used directly on rubber based membranes

EVIDENCE SUBMITTED:

<u>Test Agency</u>	<u>Test Identifier</u>	<u>Description</u>	<u>Date</u>
Applied Research Laboratories	29295	Physical Properties (ASTM D 638)	02/15/95
Applied Research Laboratories	29296	Fire Resistance (ASTM E 108)	02/16/95
Center For Applied Engineering, Inc.	257771	PA 129	04/16/97
Trinity Engineering, Inc.	4690.10.95-1 4691.03.96-1 4696.04.97-1	PA 114	Oct. 1995 March 1996 April 1997
Factory Mutual Research Corporation	J.I. 3000150	Standard 4470	Sep. 1999



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<u>Test Agency</u>	<u>Test Identifier</u>	<u>Description</u>	<u>Date</u>
Exterior Research & Design, LLC	4697.12.00-1	PA 114	12/07/2000
PRI Asphalt Technologies	SPC-001-02-01	PA 114	09/09/03

PHYSICAL PROPERTIES OF COMPONENTS:

Trade name: **BarrierGuard**

Thickness: See Systems Approvals Below.

Specification: ASTM D 6083

Description: Mixed with water and Portland cement, it forms a hard-wearing, flexible compound, and fully reinforced with BarrierGuard fabric, it produces an excellent heavy traffic system for decks. Details in accordance with the HydroStop's recommended application procedures.

Container Size: 1 and 5 gallons. Note all cautions on container label.

Trade name: **PremiumCoat Foundation**

Thickness: See Systems Approvals Below.

Specification: ASTM D 6083

Description: An acrylic, elastomeric waterproofing compound used as a base layer in the Premium Coat waterproofing system, applied with or without Premium Coat Fabric. Details in accordance with the HydroStop's recommended application procedures. Acrylic elastomeric waterproofing.

Container Size: 1 and 5 gallons. Note all cautions on container label.



Trade name: PremiumCoat Finish

Thickness: See Systems Approvals Below.

Specification: ASTM D 6083

Description: Acrylic elastomeric waterproofing compound used as a top layer in the Premium Coat waterproofing system. Details in accordance with the HydroStop's recommended application procedures.

Container Size: 1 and 5 gallons. Note all cautions on container label.

EXISTING SUBSTRATES:

Substrate: Existing Metal Roof Panel System

All General Limitations apply.

Preparation: The surface shall be clean, sound and dry prior to application Hydro-Stop coating. All surface preparation shall be in compliance with the coating manufacturer's published application instructions and current Miami-Dade County Product Control Notice of Acceptance.

Foundation Coat: PremiumCoat Foundation shall be applied to the entire substrate at a rate of 1.25 gal/sq (80ft²/gal).

At all seams, joints, or lap embed a single layer of Premium Coat Fabric to the wet Foundation Coat, overlapping fabric joints a minimum of 4". On all exposed fasteners embed a 6 by 6 inch piece of fabric into the foundation coat and fully saturate. Followed by Premium Coat Saturation applied at a rate of 1.25 gal/sq (80ft²/gal) to fully saturate the fabric. Flashing details shall be in accordance with Hydro-Stop published literature.

Finish Coat: PremiumCoat Finish Coat shall be applied in two equal coats at a combined rate 1.5gal/sq (70ft²/gal).

Maximum Design Pressure: N/A



Substrate: Existing Smooth Surface BUR or Modified Bitumen and/or Mineral Surface BUR or Modified Bitumen

All General Limitations apply.

Preparation: The surface shall be clean, sound and dry prior to application Hydro-Stop coating. All surface preparation shall be in compliance with the coating manufacturer's published application instructions and current Miami-Dade County Product Control Notice of Acceptance.

Foundation Coat: PremiumCoat Foundation shall be applied to the entire substrate at a rate of 1.25 gal/sq (80ft²/gal). Embed a single layer of Premium Coat Fabric to the wet Foundation Coat, overlapping fabric joints a minimum of 4". Followed by Premium Coat Saturation applied at a rate of 1.25 gal/sq (80ft²/gal) to fully saturate the fabric.

Finish Coat PremiumCoat Finish Coat shall be applied in two equal coats at a combined rate 1.5gal/sq (70ft²/gal).

Maximum Design Pressure: N/A

Substrate: New or Existing Spray Applied Polyurethane Foam

All General Limitations apply.

Preparation: The surface shall be clean, sound and dry prior to application Hydro-Stop coating. All surface preparation shall be in compliance with the coating manufacturer's published application instructions and current Miami-Dade County Product Control Notice of Acceptance.

Foundation Coat: PremiumCoat Foundation shall be applied to the entire substrate at a rate of 1.5 gal/sq (70ft²/gal).

(Optional) Embed a single layer of Premium Coat Fabric to the wet Foundation Coat, overlapping fabric joints a minimum of 4". Followed by Premium Coat Saturation applied at a rate of 1.25 gal/sq (80ft²/gal) to fully saturate the fabric.

Finish Coat (Required) PremiumCoat Finish Coat shall be applied in two equal coats at a combined rate 1.5gal/sq (70ft²/gal).

Maximum Design Pressure: N/A



Substrate: New or Existing Single-Ply membrane: PVC, Hypolan (CSPE), & TPO

All General Limitations apply.

Preparation: Clean and prepare existing surface to receive maintenance coating from all loose and flaking particles, grease and laitance with the use of a stiff brush and a minimum 3000 psi power wash. All surface preparation shall be in compliance with the coating manufacturer's published application instructions and current Miami-Dade County Product Control Notice of Acceptance.

Primer: Existing Roof membrane shall be primed with SureBond primer at a maximum rate of 200 ft² per gallon and allowed to dry.

Foundation Coat Apply FoundationCoat to fully saturate existing substrate at a maximum rate of 40 ft² per gallon providing a minimum of 25 mils thickness. Fully embed Hydro-Stop polyester fabric while coating is still wet keeping a minimum 4 inch fabric overlap. Fabric must be completely embedded in FoundationCoat and allowed to dry.

Finish Coat Apply two coats of Hydro-Stop PremiumCoat FinishCoat at a maximum rate of 70 ft² per gallon providing a minimum of 15 mils thickness.

Maximum Design Pressure: N/A



Substrate: New or Existing Single-Ply membrane: EPDM

All General Limitations apply.

Preparation: Clean and prepare existing surface to receive maintenance coating from all loose and flaking particles, grease and laitance with the use of a stiff brush and a minimum 3000 psi power wash. All surface preparation shall be in compliance with the coating manufacturer's published application instructions and current Miami-Dade County Product Control Notice of Acceptance.

Primer: Existing EPDM roofing membrane shall be primed with CleanAct Rinseable primer at a maximum rate of 200 ft² per gallon. Primer shall be allowed to remain on membrane surface for at least 10 minutes, before powerwashing two times. First powerwash shall be for a dirty water flushing. Second powerwash is mandatory for a clean surface rinse before the application of the FoundationCoat to the existing EPDM membrane.

Foundation Coat Apply FoundationCoat to fully saturate existing substrate at a maximum rate of 40 ft² per gallon providing a minimum of 25 mils thickness. Fully embed Hydro-Stop polyester fabric while coating is still wet keeping a minimum 4 inch fabric overlap. Fabric must be completely embedded in FoundationCoat and allowed to dry.

Finish Coat Apply two coats of Hydro-Stop PremiumCoat FinishCoat at a maximum rate of 70 ft² per gallon providing a minimum of 15 mils thickness.

Maximum Design Pressure: N/A



LIMITATIONS:

1. Fire classification is not part of this acceptance; refer to a current Approved Roofing Materials Directory for fire ratings of this product.
2. Hydro-Stop, Inc. products shall not be applied in inclement weather conditions.
3. All products listed herein shall have an unannounced follow-up quality control program from an approved listing agency. Follow up test results shall be made available to BCCO upon request. 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. All approved products listed herein shall be labeled in compliance with TAS 121.
5. Change in materials, use, or manufacture of any of the products listed herein shall be cause for termination of this Notice of Acceptance.
6. Premium Roof Coat shall be used as a roof maintenance coating system in accordance with applicable Building Code.
7. Premium Coat shall not be covered with stone chips, screeds, tiles or soil.
8. Approved primer is required on all unprotected iron and steel and previously painted surfaces.
9. The products listed herein are components of roof assemblies and are approved for use with roof assemblies that list any of the products listed herein as part of their roof assemblies Notice of Acceptance.
10. Premium Coat shall not be applied over existing gravel surfaces.
11. Contractor shall be a Hydro-Stop trained and approved applicator familiar with the details and specifications published by the manufacturer.

BUILDING PERMIT REQUIREMENTS

1. This Notice of Acceptance.
2. Any other documents required by the Building Official or applicable Building Code in order to properly evaluate the installation of this system.

END OF THIS ACCEPTANCE



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