



**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)**

**Henry Company  
3802 Miller Park Drive  
Garland Texas 75042**

**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 and the High Velocity Hurricane Zone of the Florida Building Code.

**DESCRIPTION: Henry CM100 Elastomeric Fluid Waterproofing/Roofing Membrane**

**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 5.  
The submitted documentation was reviewed by Alex Tigera.



**NOA No.: 09-0812.18  
Expiration Date: 12/09/14  
Approval Date: 12/09/09  
Page 1 of 5**

## WATERPROOFING SYSTEM APPROVAL

**Category:** Roofing  
**Sub-Category:** Waterproofing  
**Materials:** Modified Asphalt Polyther  
**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>
Henry CM 100	5 gallon pails	ASTM C-836	Modified polyther waterproofing membrane.
Henry Polyester Fabric Reinforcement Sheet	12" x 600' Roll 36"x 600' Roll	Proprietary	Polyester spunbound reinforcement fabric.
Henry Filter Fabric GR08	4' x 300'	ASTM D 3776 ASTM D 4833	Lightweight, vapor permeable waterproofing membrane protection course.
Henry DB Prefabricated Drainage Composites	50' x 104 ft.		Polystyrene or PVC core combined with polypropylene fabric.

### MANUFACTURING LOCATIONS:

1. East 18

### EVIDENCE SUBMITTED:

<u>Test Agency</u>	<u>Test Identifier</u>	<u>Test Specification</u>	<u>Date</u>
PRI Construction Materials Technologies	HGC-099-02-01	ASTM C 836	07/31/09



NOA No.: 09-0812.18  
Expiration Date: 12/09/14  
Approval Date: 12/09/09  
Page 2 of 5

## APPROVED ASSEMBLIES

<b>Deck Type 1</b>	Concrete Decks
<b>Deck Description:</b>	Min. 2500 psi, dual Slab Construction
<b>System Type A:</b>	HENRY CM 100 Elastomeric Fluid Waterproofing/Roofing Membrane
<b>Surface Condition</b>	<p>Acceptable substrates are cast-in-place and precast concrete. Metal pan decks to which concrete is poured must be venting type. Lightweight concrete is not an acceptable substrate. Verify that surfaces and conditions are ready to accept the work of this section. Commencement of the work or any parts thereof shall mean acceptance of the substrate. Always consult Henry's latest Technical Data Sheet and Specifications before commencement of a project.</p> <p>All surfaces must be sound, dry, clean and free of oil, grease, dirt, excess mortar, frost or other contaminants. Fill spalled areas in substrate to provide an even plane and remove scaling or latent concrete. Remove curing compounds or any foreign matter detrimental to the adhesion of the primary waterproofing membrane or membrane flashings. New concrete should be cured for a minimum of fourteen days and must be dry before waterproofing membranes are applied. Concrete in vented metal pan decks must be cured a minimum of sixty days. Concrete shall have a wood float finish. Steel float finishes are too smooth and compromise the adhesion of the waterproofing system. Decks with a steel float finish must be sandblasted or equivalent prior to the application of the waterproofing system.</p> <p>Prefabricated expansion joint assemblies should be in place prior to the application of the primary waterproofing assembly.</p> <p>If concrete precast panels are used, reinforce joints along length of units with a strip of 12 inches wide Henry Polyester Fabric set in an 18 inches wide, 1/8 inch thick coat of membrane. At joints occurring along the width of the precast units, reinforce with a minimum 12 inches wide crack treatment sheet embedded into an 18 inches wide, 1/8 inch thick coat of membrane.</p> <p>Crack joint treatment: Seal cracks and joints 1/16 inch to 1/8 inch in width with 12 inches wide, 1/8 inch thick coat of hot rubberized asphalt membrane and a 6 inch wide strip of Henry Polyester Fabric reinforcement, centered over joint. Seal cracks and joints 1/8 inch to 1/4 inch in width with a 12 inches wide strip of Henry Polyester Fabric, 1/8 inch thick coat of hot rubberized asphalt membrane and a 6 inches wide strip of crack treatment or expansion joint membrane, centered over joint.</p> <p>Expansion joints using or other prefabricated expansion joints shall be installed in accordance with manufacturers published literature.</p>



**Application:** Henry CM100 can be applied in a High Build Reinforced Systems or a Single Coat Systems.

High Build Reinforced System:

High Build Fabric reinforced systems consist of two applications of Henry® CM100 reinforced with Polyfab polyester fabric.

Horizontal application: Apply base layer of Henry® CM100 at an application rate of 30ft<sup>2</sup>/gallon (minimum thickness of 55 mils); embed polyester fabric immediately overlapping a maximum of 1/4" ensuring full contact. After base layer is set, apply top layer coat of Henry® CM100 at an application rate of 15ft<sup>2</sup>/gallon (minimum thickness of 110 mils)

Single Coat System:

Single coat systems consist of one application of Henry® CM100.

Horizontal application: Apply Henry® CM100 at an application rate of 30ft<sup>2</sup>/gallon (minimum thickness of 110 mils ) on surface to be covered and spread to an even thickness using rubber squeegees or rollers.

**Protection:** Both horizontal and vertical areas should be adequately protected from puncture where there is any danger of damage to the membrane during construction or backfilling. The form of protection will vary with job. Henry Filter Fabric GR08 protection course should be used as protection or other approved protection such as Henry DB Drain Board. Contact Henry Technical Services if used under hot mix paving.

**Integrity Test:** Upon the completion of the primary waterproofing membrane, protection course and all associated terminations. Flood test shall be required, and shall be performed in accordance with ASTM D 5957. Water maybe maintained for a period longer than 24 hours if required.

Verify that the structure can support the dead load weight of a watertight test before proceeding. Plug drains and provide necessary barriers to contain flood water. Flood deck with 2" head of water and check for leaks after 24 hours. Any leaks found shall be repaired immediately and the area shall be retested. Remove temporary stops and plugs. If deficiencies are noted, no other work is to proceed with out prior direction from the Design Professional.

**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.

**Surfacing:** Structural concrete slab, minimum 2500 psi shall be designed to comply with applicable Florida Building Code requirements

**Maximum Design Pressure:** N/A



## **GENERAL 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. A copy of the integrity test report described herein in accordance with ASTM D5957 shall be provided to the Building Official for review at time of final inspection.
3. Contractor shall submit to the Building Official for review the system specifications and details. Submission of these documents, as well as the proper application and installation of all materials shall be the sole responsibility of the contractor.
4. Flashings shall be installed according to the manufacturers published standard details, specific details, approved by Henry Company and shall be submitted to the Building Official for review.
5. All work shall be performed by a Contractor licensed to do roofing/waterproofing in Miami-Dade County and be a Factory Trained 'Qualified Applicator' approved and licensed by Henry Company.
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. A non-skid surfacing is required for all pedestrian areas, plaza decks or balconies.
8. Henry Company CM100 elastomeric membrane systems shall not be installed over lightweight insulating concrete.
9. Henry Company CM100 elastomeric membrane shall not be exposed to the weather and shall be protected by a protection sheet or other approved protection method from traffic.
10. Henry Company CM100 elastomeric membrane systems shall not be installed on wet or damp decks without consultation with Henry Company.
11. All approved products listed herein shall be labeled and shall bear the imprint or identifiable marking of the manufacturer's name or logo and following statement: "Miami-Dade County Product Control Approved" or the Miami-Dade County Product Control Seal as shown below



**END OF THIS ACCEPTANCE**



NOA No.: 09-0812.18  
Expiration Date: 12/09/14  
Approval Date: 12/09/09  
Page 5 of 5