



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)  
BOARD AND CODE ADMINISTRATION DIVISION

**NOTICE OF ACCEPTANCE (NOA)**

MIAMI-DADE COUNTY  
PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208  
Miami, Florida 33175-2474  
T (786)315-2590 F (786) 31525-99

[www.miamidade.gov/economy](http://www.miamidade.gov/economy)

**Aquafin Inc.**  
**505 Blue Ball Rd., #160**  
**Elkton, MD 21921**

**SCOPE:**

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER - Product Control Section 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 Section (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. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section 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 of the Florida Building Code.

**DESCRIPTION: PRO-Tekt Pedestrian and Traffic Bearing Waterproofing 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 consists of pages 1 through 7.

The submitted documentation was reviewed by Jorge L. Acebo.



NOA No.: 19-0529.03  
Expiration Date: 12/26/24  
Approval Date: 12/26/19  
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## ROOFING SYSTEM APPROVAL

**Category:** Roofing  
**Sub-Category:** Waterproofing  
**Material:** Liquid Applied Polyurethane/Polyurea  
**Deck Type:** Concrete  
**Maximum Design Pressure:** -502.5 psf.

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

<u>Product</u>	<u>Dimensions</u>	<u>Test Specification</u>	<u>Product Description</u>
PRO-Tekt Flexcoat	5 gal kit	ASTM C 957	Two component, polyurea based membrane for waterproofing and anti-slip.
PRO-Tekt Trafficoat	5 gal kit	ASTM C 957	Two component, flexible, polyurethane coating for durability and anti-slip.
PRO-Tekt Topcoat PA	5 gal kit	ASTM C 957	Two component, solvent-free, aliphatic polyurea coating for use as a topcoat.
PRO-Tekt Topcoat 120EL	5 gal kit	ASTM C 957	Two component, solvent-free, aliphatic polyurea coating for use as a topcoat.
VAPORTIGHT COAT-SG2	2.2 gal kit	Proprietary	Two component, moisture tolerant, epoxy based primer for concrete surfaces.
VAPORTIGHT COAT-SG4	1.46 gal kit	Proprietary	Two component, rapid setting, moisture tolerant, epoxy based primer for concrete surfaces.

### TRADE NAMES OF PRODUCTS MANUFACTURED BY OTHERS:

<u>Product</u>	<u>Dimensions</u>	<u>Test Specification</u>	<u>Product Description</u>	<u>Manufacturer</u>
Silica Sand Aggregate	No. 18-35 sieve size	ASTM E11	#20-50 Grade quartz aggregate sand for use over the wearing surface coat.	Generic
Thin-Set Mortar	Various	ANSI A118.15	A thin-set one component polymer modified Portland based mortar formulated for ceramic tile installation.	Generic
Exterior Ceramic Tiles	6" x 6" x 1/4"	ANSI A137.1	Ceramic plaza deck walking tiles, 5% water absorption max.	Generic

### EVIDENCE SUBMITTED:

<u>Test Agency</u>	<u>Test Identifier</u>	<u>Test Specification</u>	<u>Date</u>
PRI Construction Materials Technologies LLC	DCC-514-02-01a	ASTM C 957	11/19/19
	DCC-513-02-01a.1	TAS 114 D	12/20/19
	273T0002a	ASTM E108	11/19/19



## APPROVED APPLICATIONS:

- Membrane Type:** Liquid Applied Membrane
- Deck Type 1:** Concrete Decks, Non-Insulated
- Deck Description:** Terrace/Plaza Deck, Planter, Vehicular/Pedestrian Traffic
- System Type F(1):** PRO-Tekt Coating System applied to deck without Overburden
- Substrate Preparation:** Concrete must be clean, sound and have an “open”/absorptive surface (“tooth and suction”). All slabs must be mechanically prepared (i.e. Shot blast) to a concrete surface profile (CSP) 3 – 5 per the International Concrete Repair Institute (ICRI) Guideline No. 301-2R-2013. Acid etching is not allowed, broom finish on new slabs is not acceptable. Burn off any reinforcing fibers and vacuum remains.
- After surface preparation, check slab surface with the water drop method. Pour a drop of water about the size of a dime in several places. If the water beads, the surface is not absorptive and requires additional preparation or core extraction and testing. If the water “wets out” or penetrates the concrete within 30 - 60 seconds the surface is ready to receive the VAPORTIGHT COAT SG treatment. Note: This method does not replace pre-testing of concrete cores. A test application is highly recommended on existing slabs to determine adhesion (i.e. Elcometer, etc.).
- Primer:** Prime entire deck surface and all vertical or sloping surfaces of curbs, cants, parapets, etc., which are to receive coatings with one coat of VAPORTIGHT COAT-SG2 at a rate of 75 ft<sup>2</sup>/gal. per manufacturers instructions. Immediately apply #20 – 50 ASTM E11 silica sand (No. 18-35 sieve size) at a rate up to 30-50 lbs/100 ft<sup>2</sup> to the wet primer. Primer shall be allowed to cure in accordance with manufacturer’s instructions. Once cured remove excess sand and apply the Base Coat.
- Or
- Prime entire deck surface and all vertical or sloping surfaces of curbs, cants, parapets, etc., which are to receive coatings with one coat of VAPORTIGHT COAT-SG4 at a rate of 100ft<sup>2</sup>/gal. per manufactuers instructions. Allow primer to cure in accordance with manufacturer’s instructions before applying the Base Coat.
- Base Coat:** Apply one coat of PRO-Tekt Flexcoat at a rate of 1.25 gallons per 100 ft<sup>2</sup> to all areas to receive fluid applied waterproofing, including areas previously caulked, flashed or fabric reinforced. Allow the base coat to cure in accordance with manufacturer’s instructions.
- Intermediate Coat:** Apply PRO-Tekt Trafficoat at a rate of 1.25 gallons per 100 ft<sup>2</sup>. Immediately broadcast aggregate at a rate up to 30-50 lbs/100 ft<sup>2</sup> to the wet resin. Once cured remove excess sand.
- Top Coat:** Apply PRO-Tekt Topcoat PA at a rate of 1.25 gallons per 100 ft<sup>2</sup>.
- Or
- Apply PRO-Tekt Topcoat 120EL at a rate of 1.25 gallons per 100 ft<sup>2</sup>.



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

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

**Surfacing:** N/A

**Maximum Design Pressure:** -502.5 psf. (See General Limitation #9)



<b>Membrane Type:</b>	Liquid Applied Membrane
<b>Deck Type 1:</b>	Concrete Decks, Non-Insulated
<b>Deck Description:</b>	Terrace/Plaza Deck, Pedestrian Traffic
<b>System Type F(2):</b>	PRO-Tekt Coating System applied to deck with Ceramic Tile Overburden
<b>Substrate Preparation:</b>	<p>Concrete must be clean, sound and have an “open”/absorptive surface (“tooth and suction”). All slabs must be mechanically prepared (i.e. Shot blast) to a concrete surface profile (CSP) 3 – 5 per the International Concrete Repair Institute (ICRI) Guideline No. 301-2R-2013. Acid etching is not allowed, broom finish on new slabs is not acceptable. Burn off any reinforcing fibers and vacuum remains.</p> <p>After surface preparation, check slab surface with the water drop method. Pour a drop of water about the size of a dime in several places. If the water beads, the surface is not absorptive and requires additional preparation or core extraction and testing. If the water “wets out” or penetrates the concrete within 30 - 60 seconds the surface is ready to receive the VAPORTIGHT COAT SG treatment. Note: This method does not replace pre-testing of concrete cores. A test application is highly recommended on existing slabs to determine adhesion (i.e. Elcometer, etc.).</p>
<b>Primer:</b>	<p>Prime entire deck surface and all vertical or sloping surfaces of curbs, cants, parapets, etc., which are to receive coatings with one coat of VAPORTIGHT COAT-SG2 at a rate of 75 ft<sup>2</sup>/gal. per manufacturers instructions. Immediately apply #20 – 50 ASTM E11 silica sand (No. 18-35 sieve size) at a rate up to 30-50 lbs/100 ft<sup>2</sup> to the wet primer. Primer shall be allowed to cure in accordance with manufacturer’s instructions. Once cured remove excess sand and apply the Base Coat.</p> <p>Or</p> <p>Prime entire deck surface and all vertical or sloping surfaces of curbs, cants, parapets, etc., which are to receive coatings with one coat of VAPORTIGHT COAT-SG4 at a rate of 100ft<sup>2</sup>/gal. per manufactuers instructions. Allow primer to cure in accordance with manufacturer’s instructions before applying the Base Coat.</p>
<b>Base Coat:</b>	Apply one coat of PRO-Tekt Flexcoat at a rate of 1.25 gallons per 100 ft <sup>2</sup> to all areas to receive fluid applied waterproofing, including areas previously caulked, flashed or fabric reinforced. Allow the base coat to cure in accordance with manufacturer’s instructions.
<b>Intermediate Coat:</b>	Apply PRO-Tekt Trafficoat at a rate of 1.25 gallons per 100 ft <sup>2</sup> . Immediately broadcast aggregate at a rate up to 30-50 lbs/100 ft <sup>2</sup> to the wet resin. Once cured remove excess sand.
<b>Top Coat: (Optional)</b>	<p>Apply PRO-Tekt Topcoat PA at a rate of 1.25 gallons per 100 ft<sup>2</sup>.</p> <p>Or</p> <p>Apply PRO-Tekt Topcoat 120EL at a rate of 1.25 gallons per 100 ft<sup>2</sup>.</p>



- Integrity Test:** Required, and shall be performed in accordance with ASTM D 5957 by an approved lab. Water may be maintained for a period longer than 24 hours if required.
- Inspection:** 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. Contractor and a representative of the membrane manufacturer shall inspect the waterproofing assembly and notify the contractor of any defects or any water penetration. All defects observed shall be corrected.
- Surfacing:** Exterior grade ceramic plaza deck walking tiles (Minimum size of 6" x 6" and minimum 1/4" thickness) tiles shall be embedded into mud-set Portland Cement applied with a 1/4" by 1/4" square notched trowel. Tiles should then be carefully embedded in the mortar bed and tapped in place to insure full solid bearing. Tile shall be installed in accordance with applicable Building Code.
- Maximum Design Pressure:** -502.5 psf. (See General Limitation #9)



## 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. All work shall be performed by a Contractor licensed to do roofing/waterproofing and be an applicator trained by Aquafin, Inc. Aquafin, Inc. shall supply a list of approved applicators to the authority having jurisdiction.
5. 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.
6. A non-skid surfacing is required for all pedestrian areas, plaza decks or balconies.
7. Perimeter and corner areas shall comply with the enhanced uplift pressure requirements of these areas. Fastener densities shall be increased for both insulation and base sheet as calculated in compliance with Roofing Application Standard RAS 117. Calculations prepared, signed and sealed by a Florida registered Professional Engineer, Registered Architect, or Registered Roof Consultant **(When this limitation is specifically referred within this NOA, General Limitation #9 will not be applicable.)**
8. All attachment and sizing of perimeter nailers, metal profile, and/or flashing termination designs shall conform to Roofing Application Standard RAS 111 and applicable wind load requirements.
9. The maximum designed pressure limitation listed shall be applicable to all roof pressure zones (i.e. field, perimeters, and corners). Neither rational analysis, nor extrapolation shall be permitted for enhanced fastening at enhanced pressure zones (i.e. perimeters, extended corners and corners). **(When this limitation is specifically referred within this NOA, General Limitation #7 will not be applicable.)**
10. All products listed herein shall have a quality assurance audit in accordance with the Florida Building Code and Rule 61G20-3 of the Florida Administrative Code.

**END OF THIS ACCEPTANCE**

