



**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)**

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**Sealoflex Waterproofing Systems, Inc.  
2516 Oscar Johnson Dr.  
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: Sealoflex Waterproofing System for Wood Decks**

**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 # 05-0906.06 and consists of pages 1 through 10.  
The submitted documentation was reviewed by Jorge L Acebo



**NOA No 05-0901.04  
Expiration Date: 10/13/10  
Approval Date: 11/24/05  
Page 1 of 10**

**ROOFING ASSEMBLY APPROVAL**

**Category:** Roofing  
**Sub-Category:** Liquid Applied Roof Systems  
**Materials:** Liquid Applied Acrylic  
**Maximum Pressure** -82.5 psf  
**Fire Classification:** See General Limitation #1

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

<u>Product</u>	<u>Dimensions</u>	<u>Test Specification</u>	<u>Product Description</u>
Cemflex Concentrate	1 or 5 gal.	TAS 114	Additive used to produce Cemflex Slurry, a base liquid coat for use over concrete substrates.
Sealoflex Pink®	1 or 5 gal.	TAS 143	Base liquid coat.
Metal Etch Primer™	1 or 5 gal.	Proprietary	Primer for all unprotected metal surfaces.
Sealobond Primer WB™	1 or 5 gal	Proprietary	Primer for use over painted concrete, wood or steel, or unpainted masonry substrates.
Sealoflex Fabric™ or Sealoflex Deck Fabric™		Proprietary	Non-woven polyester reinforcing fabric for use in the Sealoflex roof system.
Sealoflex Finish Coat™	1 or 5 gal.	TAS 143	Top waterproofing coating.
Sealoment Plus™	50# bags	Proprietary	Primer for concrete or lightweight concrete.
Sealoflex Pink CT™	1 or 5 gal.	Proprietary	Solvent borne, foundation coat.
Sealoflex CT™	1 or 5 gal.	Proprietary	Solvent borne, single components roof coating.
Corabase Onepack™	50 lb. bags	Proprietary	Polymer modified portland cement powder used as a tile adhesive
Wearcoat™	1 or 5 gal.	Proprietary	Liquid applied emulsion coating (available in smooth or non-skid version containing aggregate) for pedestrian traffic surfaces.
Coraflex™	1 or 5 gal.	Proprietary	Liquid applied, water dispersed resin based coating for pedestrian traffic surfaces.
Dampseal 101™	1 gal. or 1 qt. kits	Proprietary	Two component epoxy primer for use over concrete.
Sealoflex Flashing Grade™	1 gal. or 1 qt. kits	Proprietary	Trowellable or brushable waterborne paste.
Sealoflex Buttergrade™	1 or 5 gal.	Proprietary	Trowellable waterborne paste for surfacing irregular substrates.
Sealopatch™	50 lb. bags	Proprietary	Portland cement based single component thixotropic patching and repair mortar.



**TRADE NAMES OF PRODUCTS MANUFACTURED BY OTHERS:**

<u>Product</u>	<u>Dimensions</u>	<u>Test Specification</u>	<u>Product Description</u>	<u>Manufacturer</u>
Concrete Pavers	Min. 24" x 24" x 1-1/2"	ASTM C902	4000 psi Min. Compressive strength, 5% water absorption max.	Generic
Ceramic Tiles	Min. 12" x 12" x 1/2"	ASTM C902	Ceramic plaza deck walking tiles, 5% water absorption max.	Generic
PermaBase	Min. 32" x 48" x 1/4"	ASTM C1325	A rigid substrate made of portland cement, aggregate and glass mesh.	Unifix, Inc.

**EVIDENCE SUBMITTED:**

<u>Test Agency</u>	<u>Test Identifier</u>	<u>Test Specification</u>	<u>Date</u>
Celotex Testing Center, Inc.	MTS Job No. 258211	Physical Properties TAS 143	05/20/98
Exterior Research & Design, LLC.	#4213.07.97-1	TAS 114	10/20/00
	#4213.09.00-1R		10/25/05
	#4234.05.05		05/04/05
	#4234.10.05		10/20/05



<b>Deck Type 1</b>	Wood Decks
<b>Deck Description:</b>	Min. 19/32" Plywood or Wood Plank
<b>System Type:</b>	Sealoflex or Sealoflex CT System with Hardwearing Finish (1.3.1.1)
<b>Substrate:</b>	In accordance with applicable Building Code.
<b>Fire Barrier:</b>	Minimum ¼" thick DensDeck mechanically fastened using #14 Roofgrip Fasteners and Flat Bottom Plates, Olympic HD Fasteners with Olympic Standard Plates or #14 Dekfast Fasteners and Hex Plates at a density of 1 per 1.33 ft <sup>2</sup> (24 fasteners per 4' x 8' board or 12 fasteners per 4' x 4' board).
<b>Membrane Flashing:</b>	All cracks, expansion joints, base flashings, penetrations and junctures at horizontal/vertical changes in plane shall be flashed with Sealoflex Fabric and Sealoflex Pink or Sealoflex Pink CT in accordance with Sealoflex published details. For vertical surfaces the Sealoflex Fabric shall extend at least 6" into the horizontal surface. At field and wall expansion joints, install Sealoflex Fabric 6" to both sides of the joint. All drains areas shall be pre-detailed with Sealoflex Pink or Sealoflex Pink CT and Sealoflex Fabric extending 6 inches beyond the drain flange on all sides and secured by the clamping ring to the drain. Drain must be maintained free to weep at membrane level.
<b>Base Coat:</b>	Apply a moderate base coat of Sealoflex Pink CT to the prepared area and embed Sealoflex Fabric directly into the wet base coat. Use a clean, dry brush to fully embed the fabric, removing any wrinkles or bubbles. Allow to dry until the fabric is firmly adhered (about 30 minutes). Apply a saturation coat of Sealoflex Pink CT to fully saturate the fabric from above. Fabric joints shall be overlapped a minimum of 3".
<b>Integrity Test:</b>	Required for enclosed waterproofing projects and optional at the digression of the Building Official for open balconies; and shall be performed in accordance with ASTM D 5957. Water maybe maintained for a period longer than 24 hours if required
<b>Top Coat:</b>	A. Apply two (2) coats of Sealoflex CT at a combined rate of 70 ft <sup>2</sup> /gal. <b>OR</b> B. Apply two (2) coats of Sealoflex Finish Coat at a combined rate of 70 ft <sup>2</sup> /gal.
<b>Inspection:</b>	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.
<b>Surfacing:</b>	Apply Wearcoat at a rate of 90 ft <sup>2</sup> /gal. or Coraflex at a rate of 20 ft <sup>2</sup> /gal.
<b>Maximum Design Pressure:</b>	-60 psf (See General Limitation #7)



<b>Deck Type 1</b>	Wood Decks
<b>Deck Description:</b>	Min. 19/32" Plywood or Wood Plank
<b>System Type:</b>	Sealoflex or Sealoflex CT System with Hardwearing Finish (1.3.1.1)
<b>Substrate:</b>	In accordance with applicable Building Code.
<b>Anchor Sheet:</b>	GAFGLAS # 75, PermaPly No. 28, Sopra-G or other Miami-Dade Accepted ASTM D4601, type II sheet mechanically attached with approved 1¼" annular ring shank nails and 1⅝" tin caps spaced 6" o.c. in the lap and 6" o.c. in three equally spaced rows in the field of the sheet.
<b>Fire Barrier:</b>	Minimum ¼" thick DensDeck adhered to the anchor sheet in a full mopping of approved asphalt within the EVT range at a rate of 20-40 lbs/100 ft <sup>2</sup> or 3" to 3½" wide ribbons of TITSEET Roofing Adhesive spaced 6" o.c. Insta-Stik beads or TITSEETribbons shall be placed atop anchor sheet fastener rows.
<b>Membrane Flashing:</b>	All cracks, expansion joints, base flashings, penetrations and junctures at horizontal/vertical changes in plane shall be flashed with Sealoflex Fabric and Sealoflex Pink or Sealoflex Pink CT in accordance with Sealoflex published details. For vertical surfaces the Sealoflex Fabric shall extend at least 6" into the horizontal surface. At field and wall expansion joints, install Sealoflex Fabric 6" to both sides of the joint. All drains areas shall be pre-detailed with Sealoflex Pink CT and Sealoflex Fabric extending 6 inches beyond the drain flange on all sides and secured by the clamping ring to the drain. Drain must be maintained free to weep at membrane level.
<b>Base Coat:</b>	Apply a moderate base coat of Sealoflex Pink CT to the prepared area and embed Sealoflex Fabric directly into the wet base coat. Use a clean, dry brush to fully embed the fabric, removing any wrinkles or bubbles. Allow to dry until the fabric is firmly adhered (about 30 minutes). Apply a saturation coat of Sealoflex Pink CT to fully saturate the fabric from above. Fabric joints shall be overlapped a minimum of 3".
<b>Integrity Test:</b>	Required for enclosed waterproofing projects and optional at the digression of the Building Official for open balconies; and shall be performed in accordance with ASTM D 5957. Water maybe maintained for a period longer than 24 hours if required
<b>Top Coat:</b>	A. Apply two (2) coats of Sealoflex CT at a combined rate of 70 ft <sup>2</sup> /gal. <b>OR</b> B. Apply two (2) coats of Sealoflex Finish Coat at a combined rate of 70 ft <sup>2</sup> /gal.
<b>Inspection:</b>	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.
<b>Surfacing:</b>	Apply Wearcoat at a rate of 90 ft <sup>2</sup> /gal. or Coraflex at a rate of 20 ft <sup>2</sup> /gal.
<b>Maximum Design Pressure:</b>	-60 psf (See General Limitation #7)



<b>Deck Type 1</b>	Wood Decks
<b>Deck Description:</b>	Min. 19/32" Plywood or Wood Plank
<b>System Type:</b>	Sealoflex CT System with Tile Finish (1.3.1.2)
<b>Substrate:</b>	In accordance with applicable Building Code.
<b>Fire Barrier:</b>	Minimum ¼" thick DensDeck mechanically fastened using #14 Roofgrip Fasteners and Flat Bottom Plates, Olympic HD Fasteners with Olympic Standard Plates or #14 Dekfast Fasteners and Hex Plates at a density of 1 per 1.33 ft <sup>2</sup> (24 fasteners per 4' x 8' board or 12 fasteners per 4' x 4' board).
<b>Membrane Flashing:</b>	All cracks, expansion joints, base flashings, penetrations and junctures at horizontal/vertical changes in plane shall be flashed with Sealoflex Fabric and Sealoflex Pink CT in accordance with Sealoflex published details. For vertical surfaces the Sealoflex Fabric shall extend at least 6" into the horizontal surface. At field and wall expansion joints, install Sealoflex Fabric 6" to both sides of the joint. All drains areas shall be pre-detailed with Sealoflex Pink CT and Sealoflex Fabric extending 6 inches beyond the drain flange on all sides and secured by the clamping ring to the drain. Drain must be maintained free to weep at membrane level.
<b>Base Coat:</b>	Apply a moderate base coat of Sealoflex Pink CT to the prepared area and embed Sealoflex Fabric directly into the wet base coat. Use a clean, dry brush to fully embed the fabric, removing any wrinkles or bubbles. Allow to dry until the fabric is firmly adhered (about 30 minutes). Apply a saturation coat of Sealoflex Pink CT to fully saturate the fabric from above. Fabric joints shall be overlapped a minimum of 3".
<b>Integrity Test:</b>	Required for enclosed waterproofing projects and optional at the digression of the Building Official for open balconies; and shall be performed in accordance with ASTM D 5957. Water maybe maintained for a period longer than 24 hours if required.
<b>Top Coat:</b>	Apply two (2) coats of Sealoflex CT at a combined rate of 70 ft <sup>2</sup> /gal.
<b>Inspection:</b>	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.
<b>Surfacing:</b>	Concrete pavers (24" x 24" x 1-½") 4000 psi minimum or ceramic plaza deck tiles embedded into Sealoflex Corabase Onepack applied to the top Sealoflex-CT coating with a ¼" trowel.
<b>Maximum Design Pressure:</b>	-60 psf (See General Limitation #7)



<b>Deck Type 1</b>	Wood Decks
<b>Deck Description:</b>	Min. 19/32" Plywood or Wood Plank
<b>System Type:</b>	Sealoflex CT System with Tile Finish (1.3.1.2)
<b>Substrate:</b>	In accordance with applicable Building Code.
<b>Anchor Sheet:</b>	GAFGLAS # 75, PermaPly No. 28, Sopra-G or other Miami-Dade Accepted ASTM D4601, type II sheet mechanically attached with approved 1/4" annular ring shank nails and 1 5/8" tin caps spaced 6" o.c. in the lap and 6" o.c. in three equally spaced rows in the field of the sheet.
<b>Fire Barrier:</b>	Minimum 1/4" thick DensDeck adhered to the anchor sheet in a full mopping of approved asphalt within the EVT range at a rate of 20-40 lbs/100 ft <sup>2</sup> or 3" to 3 1/2" wide ribbons of TITSEET Roofing Adhesive spaced 6" o.c. Insta-Stik beads or TITSEETribbons shall be placed atop anchor sheet fastener rows.
<b>Membrane Flashing:</b>	All cracks, expansion joints, base flashings, penetrations and junctures at horizontal/vertical changes in plane shall be flashed with Sealoflex Fabric and Sealoflex Pink or Sealoflex Pink CT in accordance with Sealoflex published details. For vertical surfaces the Sealoflex Fabric shall extend at least 6" into the horizontal surface. At field and wall expansion joints, install Sealoflex Fabric 6" to both sides of the joint. All drains areas shall be pre-detailed with Sealoflex Pink CT and Sealoflex Fabric extending 6 inches beyond the drain flange on all sides and secured by the clamping ring to the drain. Drain must be maintained free to weep at membrane level.
<b>Base Coat:</b>	Apply a moderate base coat of Sealoflex Pink CT to the prepared area and embed Sealoflex Fabric directly into the wet base coat. Use a clean, dry brush to fully embed the fabric, removing any wrinkles or bubbles. Allow to dry until the fabric is firmly adhered (about 30 minutes). Apply a saturation coat of Sealoflex Pink CT to fully saturate the fabric from above. Fabric joints shall be overlapped a minimum of 3".
<b>Integrity Test:</b>	Required for enclosed waterproofing projects and optional at the digression of the Building Official for open balconies; and shall be performed in accordance with ASTM D 5957. Water maybe maintained for a period longer than 24 hours if required
<b>Top Coat:</b>	Apply two (2) coats of Sealoflex CT at a total rate of 70 ft <sup>2</sup> /gal.
<b>Inspection:</b>	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.
<b>Surfacing:</b>	Concrete pavers (24" x 24" x 1-1/2") 4000 psi minimum or ceramic plaza deck tiles embedded into Sealoflex Corabase Onepack applied to the top Sealoflex-CT coating with a 1/4" trowel.
<b>Maximum Design Pressure:</b>	-60 psf (See General Limitation #7)



**Deck Type 1I:** Wood, Insulated  
**Deck Description:** 19/32" or greater plywood or wood plank attached per Code minimum  
**System Type A(1):** All layers of insulation are adhered to a mechanically attached anchor sheet. Sealoflex System applied.

**All General and System Limitations Apply**

One layer of the following insulation.

<u>Insulation Layer</u>	<u>Insulation Fasteners (Table 3)</u>	<u>Fastener Density/ft<sup>2</sup></u>
PermaBase Minimum 1/4" thick	N/A	N/A

**Note:** All insulation shall be adhered to the anchor sheet in a full mopping of approved asphalt within the EVT range at a rate of 20-40 lbs/100 ft<sup>2</sup> or 3/4" to 1" diameter beads of Insta-Stik Roofing Adhesive spaced 6" o.c. or 3" to 3 1/2" wide ribbons of TITSEET Roofing Adhesive spaced 6" o.c. Insta-Stik beads or TITSEET ribbons shall be placed atop anchor sheet fastener rows. Refer to Roofing Application Standard RAS 117 for insulation attachment.

**Anchor Sheet:** PermaPly 28, GAFGLAS #75, Sopra-G or other Miami-Dade Approved ASTM D4601, type II sheet mechanically fastened to the deck as described below:

**Fastening Options:** Anchor sheet attached to deck with approved annular ring shank nails and tin caps at a fastener spacing of 6" o.c. at the lap and 6" o.c. in three equally spaced rows in the field of the sheet.

**Membrane:** Apply Sealoflex Pink at an application rate of 40 ft<sup>2</sup>/gal.  
 Apply a single layer of non-woven polyester fabric to the wet Pink foundation coat. Fabric joints shall be overlapped a minimum of 3" followed by saturation coat of Sealoflex Pink.  
 Apply Sealoflex Finish Coat at a rate of 70 ft<sup>2</sup>/gal.

**Integrity Test:** Required for enclosed waterproofing projects and optional at the digression of the Building Official for open balconies; and shall be performed in accordance with ASTM D 5957. Water maybe 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.

**Surfacing:** (Optional) Apply Wearcoat at a rate of 90 ft<sup>2</sup>/gal or Coraflex at a rate of 20 ft<sup>2</sup>/gal.

**Maximum Design Pressure:** -60.0 psf (See General Limitation #7)



- Deck Type II:** Wood, Insulated
- Deck Description:** 19/32" or greater plywood attached to supports spaced maximum 24" o.c. with #8 wood screws spaced 6" o.c
- System Type A(2):** All layers of insulation are adhered to a mechanically attached anchor sheet. Sealoflex System applied.

**All General and System Limitations Apply**

One layer of the following insulation.

<u>Insulation Layer</u>	<u>Insulation Fasteners (Table 3)</u>	<u>Fastener Density/ft<sup>2</sup></u>
PermaBase Minimum 1/4" thick	N/A	N/A

**Note:** All insulation shall be adhered to the anchor sheet in a full mopping of approved asphalt within the EVT range at a rate of 20-40 lbs/100 ft<sup>2</sup> or 3/4" to 1" diameter beads of Insta-Stik Roofing Adhesive spaced 6" o.c. or 3" to 3 1/2" wide ribbons of TITASET Roofing Adhesive spaced 6" o.c. Insta-Stik beads or TITASET ribbons shall be placed atop anchor sheet fastener rows. Refer to Roofing Application Standard RAS 117 for insulation attachment.

- Anchor Sheet:** PermaPly 28, GAFGLAS #75, Sopra-G or other Miami-Dade Approved ASTM D4601, type II sheet mechanically fastened to the deck as described below:
- Fastening Options:** Anchor sheet attached to deck with approved annular ring shank nails and tin caps at a fastener spacing of 6" o.c. at the lap and 6" o.c. in three equally spaced rows in the field of the sheet.
- Membrane:** Apply Sealoflex Pink at an application rate of 40 ft<sup>2</sup>/gal.  
Apply a single layer of non-woven polyester fabric to the wet Pink foundation coat. Fabric joints shall be overlapped a minimum of 3" followed by saturation coat of Sealoflex Pink.  
Apply Sealoflex Finish Coat at a rate of 70 ft<sup>2</sup>/gal.
- Integrity Test:** Required for enclosed waterproofing projects and optional at the digression of the Building Official for open balconies; and shall be performed in accordance with ASTM D 5957. Water maybe 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.
- Surfacing:** (Optional) Apply Wearcoat at a rate of 90 ft<sup>2</sup>/gal or Coraflex at a rate of 20 ft<sup>2</sup>/gal.
- Maximum Design Pressure:** -82.5 psf (See General Limitation #7)



## 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. Required integrity flood testing shall be provided to the Building Official for review at time of final inspection.
3. All work shall be performed by a Contractor licensed to do roofing/waterproofing. Contractor shall be approved by Sealoflex Waterproofing Systems, Inc. Sealoflex Systems shall be installed solely by approved applicators and only with applicator's equipment approved by Sealoflex Waterproofing Systems, Inc.
4. Flashings shall be installed according to the manufacturers published standard details, specific details, approved by Sealoflex, shall be submitted to the Building Official for review.
5. Sealoflex Waterproofing Systems shall not be installed without consultation with Sealoflex, Inc. if ambient or surface temperature is below 50°F. Do not apply to wet or frozen concrete surface.
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. 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. Installation must be by a Factory Trained 'Qualified Applicator' approved and licensed by Sealoflex, Inc. Sealoflex, Inc. shall supply a list of approved applicators to the authority having jurisdiction
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.)**

**END OF THIS ACCEPTANCE**

