



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

### Siplast

1111 Highway 67 South  
Arkadelphia, AR 71923

### 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: Siplast 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 revises NOA#12-1220.09 and consists of pages 1 through 13.  
The submitted documentation was reviewed by Alex Tigera.

*Alex Tigera* 2/13/14



NOA No.: 13-0509.05  
Expiration Date: 04/14/18  
Approval Date: 12/19/13  
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## ROOFING SYSTEM APPROVAL

<b>Category:</b>	Roofing
<b>Sub-Category:</b>	Waterproofing Systems
<b>Material:</b>	SBS/SBS Foil
<b>Maximum Design Pressure</b>	-315 psf

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

TABLE 1

<u>Product</u>	<u>Dimensions</u>	<u>Test Specification</u>	<u>Product Description</u>
Parabase	3' x 108'	ASTM D4601	Asphalt coated fiberglass base sheet for mechanically fastened applications.
Parabase FS	3' x 108'	ASTM D4601	Asphalt coated fiberglass base sheet with a polyolefin back surfacing for mechanically fastened applications.
Parabase Plus	3.28' x 102.3'; 28 lbs./sq.	ASTM D4601	Elastomeric asphalt coated base sheet.
Paradiene 20 TG F	3.28' x 33.5'; 70 lbs./sq.	ASTM D6163	Asphalt elastomer sheet with random fiberglass reinforcement used as the base ply of a Paradiene 20/30 TG Series system.
Paradiene 20 HT TG	3.28' x 33.5'; 70 lbs./sq.	ASTM D6163	Asphalt elastomer sheet with fiberglass scrim reinforcement for use as a base ply of a Paradiene 20/30 system.
Paradiene 20 EG TG	3.28' x 33.5'; 100 lbs./sq.	ASTM D6163	Heavy duty asphalt elastomer sheet with fiberglass scrim reinforced for use as a base ply in Paradiene 20TG/30TG systems.
Paradiene 20 HV TG	3.28' x 33.5'; 100 lbs./sq.	ASTM D6163	Heavy duty asphalt elastomer sheet with random fiberglass mat reinforcement used as a base ply of a Paradiene 20TG/30TG system.
Paradiene 20 TG	3.28' x 33.5'; 70 lbs./sq.	ASTM D 6163	Asphalt elastomeric sheet with random fiberglass reinforcement used as the base ply for Teranap systems.
Paradiene 20 TS	3.28' x 33.5'; 76 lbs./sq.	ASTM D6163	High performance, semi adhered SBS modified bitumen with random fiberglass mat reinforcement used as a base ply of Paradiene 20/30 systems.
IREX 40	3.28' x 34'; 89 lbs./sq.	ASTM D6163	High-melt asphalt sheet with random fiberglass mat reinforcement.
Teranap 1M Film	3.28' x 26'; 97 lbs./sq.	ASTM D 6164	A non-woven polyester mat impregnated and coated with high quality SBS modified bitumen. The surface of the sheet is protected by a polyester film.



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

**TABLE 1**

<u>Product</u>	<u>Dimensions</u>	<u>Test Specification</u>	<u>Product Description</u>
Teranap 1M Sand	3.28' x 26'; 97 lbs./sq.	ASTM D 6164	A non-woven polyester mat impregnated and coated with high quality SBS modified bitumen. The surface of the sheet is protected by sand.
PA 1125 Asphalt Primer	5 or 55 gal.	ASTM D 41	Asphalt primer.
Siplast PS 304	5 or 55 gal.	Proprietary	Moisture curing, non-slump Elastomeric Adhesive.

**APPROVED FASTENERS:**

**TABLE 3**

<u>Fastener Number</u>	<u>Product Name</u>	<u>Product Description</u>	<u>Dimensions</u>	<u>Manufacturer (With Current NOA)</u>
1.	NVS 1.2 Base Sheet Fastener	Galvanized steel base ply fastener for lightweight concrete deck	N/A	Siplast, Inc.
2.	Zono-tite 1.75 Base Sheet Fastener	Galvanized steel base ply fastener for lightweight concrete deck	N/A	Siplast, Inc.
3.	Base Sheet Disc	Galvalume steel base ply stress plate for lightweight concrete deck	2-3/4" Round	Siplast, Inc.
4.	FM-75 Fastener	Base ply fastening systems for lightweight concrete decks.	N/A	ES Products, Inc.
5.	CR Base Sheet Fastener	Galvanized steel base ply fastener for lightweight concrete deck		OMG, Inc.



**EVIDENCE SUBMITTED:**

<u>Test Agency/Identifier</u>	<u>Report #</u>	<u>Test Name</u>	<u>Date</u>
Atlantic & Caribbean Roof Consulting, LLC	04-002	TAS 114-D	10/05/04
	04-003	TAS 114-D	10/05/04
	06-025-R1	TAS 114-D	07/08/13
	00-026	TAS 114-J	12/11/00
PRI Construction Materials Technologies LLC	SRI-042-02-01	ASTM D6163	11/20/12
	SRI-047-02-01	ASTM D6164	11/19/12
	SRI-025-02-04	TAS 114-J	06/10/10
	SRI-026-02-01	ASTM D 1876	09/16/11
	SRI-037-02-01	ASTM D 6163	11/15/12
	SRI-059-02-02	TAS 114-D	03/28/13
	SRI-059-02-01	TAS 114-D	03/28/13
	SRI-058-02-01	TAS 114-D	03/28/13
	EATC-005-02-01	ASTM D41	04/08/09
Factory Mutual Research Group	3005387	FM 4454	04/26/00



## APPROVED ASSEMBLIES

**Deck Type 3** Concrete Decks  
**Deck Description:** Min. 3000 psi, with 2" structural concrete surfacing  
**System Type F(1):** Membrane adhered by torch.

**All General and System limitations apply.**

**Note: Concrete deck shall be primed with Siplast PA-1125 primer and allowed to dry prior to application of anchor sheet.**

**Substrate Preparation:** All surfaces must be dry, smooth, free of depressions, voids, and protrusions, and clean and free of any non-compatible curing compounds, foam release agents and other surface contaminants.

Poured in place concrete must be monolithic, smooth, free of voids, spalled areas, laitance, honeycombs, and sharp protrusions. Precast concrete decks shall be mechanically secured to minimize differential movement and all joints between units shall be grouted.

Concrete around drain shall be depressed to promote positive water drainage.

**Membrane:** Paradiene 20 TG, Paradiene 20 TG F, Paradiene 20 HV TG, Paradiene 20 HT TG, or Paradiene 20 EG TG adhered by torch with a minimum 3 inch end and side lap. Followed by Teranap "1M" adhered by torch with a minimum 4 inch end and side lap.

**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.

**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:** Minimum 2 inch structural concrete surfacing.

**Maximum Design Pressure:** -315 psf (See General Limitation #9)



**Deck Type 3** Concrete Decks  
**Deck Description:** Min. 3000 psi, dual slab  
**System Type F(2):** Membrane adhered by torch.

**All General and System limitations apply.**

**Note: Concrete deck shall be primed with Siplast PA-1125 primer and allowed to dry prior to application of anchor sheet.**

**Substrate Preparation:** All surfaces must be dry, smooth, free of depressions, voids, and protrusions, and clean and free of any non-compatible curing compounds, foam release agents and other surface contaminants.

Poured in place concrete must be monolithic, smooth, free of voids, spalled areas, laitance, honeycombs, and sharp protrusions. Precast concrete decks shall be mechanically secured to minimize differential movement and all joints between units shall be grouted.

Concrete around drain shall be depressed to promote positive water drainage.

**Membrane:** Paradiene 20 TG, Paradiene 20 TG F, Paradiene 20 HV TG, Paradiene 20 HT TG, or Paradiene 20 EG TG adhered by torch with a minimum 3 inch end and side lap. Followed by Teranap "1M" adhered by torch with a minimum 4 inch end and side lap.

**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.

**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 3000 psi, in compliance with applicable Building Code. Minimum 2 inch thick for continuous pour.

**Maximum Design Pressure:** N/A (Topping concrete slab shall comply with applicable Building Code requirement.)



**Deck Type 3** Concrete Decks  
**Deck Description:** Min. 3000 psi, with pavers surfacing.  
**System Type F(3):** Membrane adhered by torch.

**All General and System limitations apply.**

**Note: Concrete deck shall be primed with Siplast PA-1125 primer and allowed to dry prior to application of anchor sheet.**

**Substrate Preparation:** All surfaces must be dry, smooth, free of depressions, voids, and protrusions, and clean and free of any non-compatible curing compounds, foam release agents and other surface contaminants.

Poured in place concrete must be monolithic, smooth, free of voids, spalled areas, laitance, honeycombs, and sharp protrusions. Precast concrete decks shall be mechanically secured to minimize differential movement and all joints between units shall be grouted.

Concrete around drain shall be depressed to promote positive water drainage.

**Membrane:** Paradiene 20 TG, Paradiene 20 TG F, Paradiene 20 HV TG, Paradiene 20 HT TG, or Paradiene 20 EG TG adhered by torch with a minimum 3 inch end and side lap. Followed by Teranap "1M" adhered by torch with a minimum 4 inch end and side lap.

**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.

**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:** 24" x24" x 2" thick Hanover Concrete Pavers installed in a 1-1/2" thick mortar mix.

**Maximum Design Pressure:** -115 psf (See General Limitation #9)



**Deck Type 3** Concrete Decks  
**Deck Description:** Min. 3000 psi, with pavers on pedestals surfacing.  
**System Type F(4):** Membrane adhered by torch.

**All General and System limitations apply.**

**Note: Concrete deck shall be primed with Siplast PA-1125 primer and allowed to dry prior to application of anchor sheet.**

**Substrate Preparation:** All surfaces must be dry, smooth, free of depressions, voids, and protrusions, and clean and free of any non-compatible curing compounds, foam release agents and other surface contaminants.

Poured in place concrete must be monolithic, smooth, free of voids, spalled areas, laitance, honeycombs, and sharp protrusions. Precast concrete decks shall be mechanically secured to minimize differential movement and all joints between units shall be grouted.

Concrete around drain shall be depressed to promote positive water drainage.

**Membrane:** Paradiene 20 TG, Paradiene 20 TG F, Paradiene 20 HV TG, Paradiene 20 HT TG, or Paradiene 20 EG TG adhered by torch with a minimum 3 inch end and side lap. Followed by Teranap "1M" adhered by torch with a minimum 4 inch end and side lap.

**Integrity Test:** Required, and shall be performed in accordance with ASTM D 5957. Water may be 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:** 24" x24" x 2" thick Hanover Concrete Pavers set over Hanover pedestals and clipped at 4 corners. Pedestals fully adhered to top ply with Siplast PS 304 elastomeric sealant.

**Maximum Design Pressure:** -170 psf (See General Limitation #9)



**Membrane Type:** SBS  
**Deck Type 4:** Lightweight Concrete, Non-insulated  
**Deck Description:** Cellular Lightweight Concrete (Insulcel)  
**System Type F(5):** Base sheet torch adhered to deck..  
**Deck Type:** Structural Concrete (min. 2500 psi) deck. Irex 40 torch adhered to primed concrete deck (optional) Insulperm insulation panels shall be placed in a minimum 1/8" slurry-coat of Insulcel Lightweight Insulating concrete and allowed to cure overnight. The following day the rigid insulation shall be covered with a minimum 2" topcoat cast of Insulcel Lightweight insulating concrete. Insulcel RT Surface Treatment pellets are applied a rate of 4 lbs./sq. to the freshly poured lightweight concrete. After three days of curing the lightweight concrete the pellets are melted by torch.

**All General and System limitations apply.**

**Base Sheet:** Paradiene 20 TS adhered by torch:  
**Membrane:** Teranap 1 M sand adhered by torch.  
**Note:** See manufacturer's specifications for specific application requirements.  
**Integrity Test:** Required, and shall be performed in accordance with ASTM D 5957. Water may be maintained for a period longer than 24 hours if required.  
**Surfacing:** 24" x24" x 2" thick Hanover Concrete Pavers set over Hanover pedestals and clipped at 4 corners. Pedestals fully adhered to top ply with Siplast PS 304 elastomeric sealant.  
**Maximum Design Pressure:** -170 psf (See General Limitation #9)



**Membrane Type:** SBS  
**Deck Type 4:** Lightweight Concrete, Non-insulated  
**Deck Description:** NVS Lightweight Concrete  
**System Type E(1):** Base sheet mechanically fastened.

**Deck Type:** Structural Concrete deck or existing BUR over structural concrete deck. Insulperm insulation panels shall be placed in a minimum 1/8" slurry-coat of NVS Lightweight insulating concrete and allowed to cure overnight. The following day the rigid insulation shall be covered with a minimum 1" topcoat cast of NVS Lightweight concrete. Allowed to cure for 3 days.

**All General and System limitations apply.**

**Base Sheet:** One ply of Parabase, Parabase FS or Parabase Plus mechanically fastened as detailed below:

**Fastening:** Fasten base sheet with FM-75, NVS 1.2 Base Sheet Fastener or Olympic CR 1.2" Fasteners on a 3" side lap fastened 7" o.c. and three equally spaced rows 10" o.c. in the field.

**Ply Sheet:** Paradiene 20 TG, 20 TG F, 20 HV TG, 20 HT TG, or 20 EG TG adhered by torch.

**Membrane:** Teranap 1 M Sand adhered by torch.

**Note:** See manufacturer's specifications for specific application requirements.

**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.

**Maximum Design Pressure:** -75 psf (See General Limitation #7)



**Membrane Type:** SBS  
**Deck Type 4:** Lightweight Concrete, Non-insulated  
**Deck Description:** Cellular Lightweight Concrete  
**System Type E(2):** Base sheet mechanically fastened.

**Deck Type:** Structural Concrete deck, existing BUR or Irex 40 torched over structural concrete deck. Insulperm insulation panels shall be placed in a minimum 1/8" slurry-coat of Insulcel Cellular Lightweight insulating concrete and allowed to cure overnight. The following day the rigid insulation shall be covered with a minimum 2" topcoat cast of Insulcel Cellular Lightweight concrete. Allowed to cure for 3 days.

**All General and System limitations apply.**

**Base Sheet:** One ply of Parabase, Parabase FS or Parabase Plus mechanically fastened as detailed below:  
**Fastening:** Fasten base sheet with Zono-tite 1.75 Base Sheet Fasteners on a 4" side lap fastened 7" o.c. on lap and three equally spaced rows 10" o.c. in the field.  
**Ply Sheet:** Paradiene 20 TG, 20 TG F, 20 HV TG, 20 HT TG or 20 EG TG adhered by torch  
**Membrane:** Teranap 1 M Sand adhered by torch.  
**Note:** See manufacturer's specifications for specific application requirements.  
**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.  
**Maximum Design Pressure:** -82.5 psf (See General Limitation #7)



**Membrane Type:** SBS  
**Deck Type 4:** Lightweight Concrete, Non-insulated  
**Deck Description:** NVS Lightweight Concrete  
**System Type E(3):** Base sheet mechanically fastened.  
**Deck Type:** Structural Concrete deck Irex 40 torch adhered to primed structural concrete deck (optional). Insulperm insulation panels shall be placed in a minimum 1/8" slurry-coat of NVS Lightweight insulating concrete and allowed to cure overnight. The following day the rigid insulation shall be covered with a minimum 1" topcoat cast of NVS Lightweight concrete. Allowed to cure for 3 days.

**All General and System limitations apply.**

**Base Sheet:** One ply of Parabase, Parabase FS or Parabase Plus mechanically fastened as detailed below:  
**Fastening:** Fasten base sheet with NVS 1.2 Base Sheet Fastener fastened 6" o.c. in the lap and five staggered equally spaced rows 6" o.c. in the field.  
**Ply Sheet:** Paradiene 20 TG, 20 TG F, 20 HV TG, 20 HT TG, or 20 EG TG adhered by torch.  
**Membrane:** Teranap 1 M Sand adhered by torch.  
**Note:** **See manufacturer's specifications for specific application requirements.**  
**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.  
**Maximum Design Pressure:** -135 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. 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 Siplast and shall be submitted to the Building Official for review.
5. All work shall be performed by a Contractor licensed to do roofing/waterproofing and be a Manufacturer Trained 'Qualified Applicator' approved and licensed by Siplast. Siplast shall supply a list of approved applicators to the authority having jurisdiction.
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. A non-skid surfacing is required for all pedestrian areas, plaza decks or balconies.
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 approved products listed herein shall be labeled and shall bear the imprint or identifiable marking of the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved" or the Miami-Dade County Product Control Seal as shown below  
The seal is a dark oval with a white border. Inside, the text "MIAMI-DADE COUNTY" is written in a bold, sans-serif font at the top, and "APPROVED" is written in a smaller, bold, sans-serif font at the bottom, separated by a thin horizontal line.
11. All products listed herein shall have a quality assurance audit in accordance with the Florida Building Code and Rule 9N-3 of the Florida Administrative Code.

**END OF THIS ACCEPTANCE**



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