



**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)

**Polyglass USA, Inc.
150 Lyon Drive
Fernley, NV 89408**

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: Polyglass Coatings and Mastics

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 #07-0919.04 and consists of pages 1 through 13.
The submitted documentation was reviewed by Alex Tigera.



**NOA No.: 08-0130.01
Expiration Date: 11/15/12
Approval Date: 04/24/08
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ROOFING SYSTEM APPROVAL

Category: Roofing
Sub-Category: Cements and Coatings
Fire Classification: See General Limitation #1

SCOPE:

This approves Polyglass Coatings and Mastics, as manufactured by Polyglass USA, Inc. and as described in this Notice of Acceptance. This product has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone of the Florida Building Code.

EVIDENCE SUBMITTED:

<u>Test Agency</u>	<u>Test Identifier</u>	<u>Test Name/Report</u>	<u>Date</u>
PRI Construction Materials Technologies Inc.	PUSA-039-02-01	ASTM D 41	09/11/07
	PUSA-040-02-01	TAS 140	09/11/07
	PUSA-041-02-01	ASTM D 4479	09/11/07
	PUSA-042-02-01	ASTM D 3019	09/11/07
	PUSA-043-02-01	ASTM D 3019	09/11/07
	PUSA-044-02-01	ASTM D 4586	09/11/07
	PUSA-045-02-01	ASTM D 4586	09/11/07
	PUSA-046-02-01	ASTM D 4586	09/11/07
	PUSA-047-02-01	ASTM D 4586/ ASTM D 3409	09/11/07
	PUSA-048-02-01	ASTM D 2824	09/11/07
	PUSA-049-02-01	ASTM D 2824	09/11/07
	PUSA-051-02-01	ASTM D 2824	09/11/07
	PUSA-054-02-01	ASTM D 3019	09/11/07
	PUSA-053-02-01	ASTM D 6083/ TT-C-555B	10/22/07
	PUSA-072-02-01	ASTM D 1227	02/11/08
	PUSA-073-02-01	ASTM D 1227	02/11/08
	PUSA-079-02-01REV	ASTM D 4586	03/14/08

PHYSICAL PROPERTIES OF COMPONENTS:

Trade name: **POLYGLASS PG 100 ASPHALT PRIMER**

Application Rate: ½ to 1 gallon per 100 sq/ft

Specifications: ASTM D 41

Description: A penetrating solution of solvent and a blend of selected asphalts used to promote adhesion.

Container Size: 1, 3, 5, 50, 55 gallons, 11oz. tube and 17 oz. Spray Can; Note all precautions on container.

Systems Approvals: For systems approvals, refer to specific Roof Assembly, Product Control Approval.



NOA No.: 08-0130.01
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Trade Name: **POLYGLASS PG 200 NON FIBERED ROOF COATING**
Application Rate: 1 to 2 gallon per 100 sq/ft
Specifications: TAS 140
Description: A non fibered asphaltic coating used to add life and rejuvenate existing BUR roofing substrates
Container Size: 1, 3, 5, 50, 55 gallons, 11oz. tube. Note all precautions on container.
Systems Approvals: For systems approvals, refer to specific Roof Assembly, Product Control Approval.

Trade Name: **POLYGLASS PG 300 FIBERED ROOF COATING**
Application Rate: 2 to 3 gallon per 100 sq/ft
Specifications: ASTM D 4479
Description: An asphalt cutback fibered roof coating. May be applied by brush or spray equipment. It is used to rejuvenate aged BUR.
Container Size: 1, 3, 5, 50, 55 gallons, 11oz. tube. Note all precautions on container.
Systems Approvals: For systems approvals, refer to specific Roof Assembly, Product Control Approval.

Trade Name: **PG350 MOD BIT ADHESIVE**
Application Rate: 1.5 to 2 gallon per 100 sq/ft
Specifications: ASTM D 3019 type III
Description: A fibered rubberized adhesive designed for use with modified bitumen membranes. Apply with notched squeegee, brush or spray equipment.
Container Size: 1, 3, 5, 50, 55 gallons, 11oz. tube. Note all precautions on container.
Systems Approvals: For systems approvals, refer to specific Roof Assembly, Product Control Approval.



Trade Name: **POLYPLUS 35 PREMIUM MOD BIT ADHESIVE**
Application Rate: 1.5 to 2 gallon per 100 sq/ft
Specifications: ASTM D 3019 type III
Description: A fibered rubberized adhesive designed for use with modified bitumen membranes. Apply with notched squeegee, brush or spray equipment.
Container Size: 1, 3, 5, 50, 55 gallons, 11oz. tube. Note all precautions on container.
Systems Approvals: For systems approvals, refer to specific Roof Assembly, Product Control Approval.

Trade Name: **POLYGLASS PG 500 MB FLASHING CEMENT**
Application Rate: 8 gallons per 100 sq/ft
Specifications: ASTM D 4586
Description: A thick, fibered, rubberizes flashing cement developed for used with modified bitumen membranes. Apply with knife or trowel at a minimum of 1/8" thick.
Container Size: 1, 3, 5, 50, 55 gallons, 11oz. tube. Note all precautions on container.
Systems Approvals: For systems approvals, refer to specific Roof Assembly, Product Control Approval.

Trade Name: **POLYPLUS 50 PREMIUM MB FLASHING CEMENT**
Application Rate: 8 gallons per 100 sq/ft
Specifications: ASTM D 4586
Description: A thick, fibered, rubberizes flashing cement developed for used with modified bitumen membranes. Apply with knife or trowel at a minimum of 1/8" thick.
Container Size: 1, 3, 5, 50, 55 gallons, 11oz. tube. Note all precautions on container.
Systems Approvals: For systems approvals, refer to specific Roof Assembly, Product Control Approval.



Trade Name: **POLYPLUS 45 PREMIUM FLASHING CEMENT
POLYGLASS PG 450 FLASHING CEMENT**

Application Rate: 8 gallons per 100 sq/ft

Specifications: ASTM D 4586

Description: A thick, fibered, rubberizes flashing cement. Apply with knife or trowel at a minimum of 1/8" thick.

Container Size: 1, 3, 5, 50, 55 gallons, 11oz. tube. Note all precautions on container.

Systems Approvals: For systems approvals, refer to specific Roof Assembly, Product Control Approval.

Trade Name: **POLYGLASS PG400 PLASTIC ROOF CEMENT
POLYGLASS PG 425 WET/DRY PLASTIC ROOF CEMENT**

Application Rate: 8 gallons per 100 sq/ft

Specifications: ASTM D 4586, ASTM D 3409

Description: A thick, fibered, rubberizes flashing cement. Apply with knife or trowel at a minimum of 1/8" thick. Specially formulated to be used in dry or damp conditions.

Container Size: 1, 3, 5, 50, 55 gallons, 11oz. tube. Note all precautions on container.

Systems Approvals: For systems approvals, refer to specific Roof Assembly, Product Control Approval.

Trade Name: **POLYGLASS PG 650 FIBERED ALUMINUM ROOF COATING
POLYPLUS 65 PREMIUM FIBERED ALUMINUM ROOF COATING**

Application Rate: 1 to 2 gallon per 100 sq/ft

Specifications: ASTM D 2824 type III

Description: Fibered aluminum roof coating. Apply by spray or brush.

Container Size: 1, 3, 5, 50, 55 gallons, 11oz. tube. Note all precautions on container.

Systems Approvals: For systems approvals, refer to specific Roof Assembly, Product Control Approval.



Trade Name: **POLYGLASS PG600 NON-FIBERED ALUMINUM ROOF COATING
POLYPLUS 60 PREMIUM NON-FIBERED ALUMINUM ROOF
COATING**

Application Rate: .5 to 1 gallons per 100 sq/ft

Specifications: ASTM D 2824 type I

Description: Non-Fibered aluminum roof coating. Apply by spray or brush or roller. When using a brush maintain the same direction during application.

Container Size: 1, 3, 5, 50, 55 gallons, 11oz. tube. Note all precautions on container.

Systems Approvals: For systems approvals, refer to specific Roof Assembly, Product Control Approval.

Trade Name: **POLYGLASS COLD PROCESS ADHESIVE**

Application Rate: 2 to 4 gallons per 100 sq/ft

Specifications: ASTM D 3019 type III

Description: A fibered cold process adhesive for use with roll or BUR roofing.

Container Size: 1, 3, 5, 50, 55 gallons, 11oz. tube. Note all precautions on container.

Systems Approvals: For systems approvals, refer to specific Roof Assembly, Product Control Approval.

Trade Name: **POLYGLASS PG700 WHITE REFLECTIVE ROOF COATING
POLYPLUS 70 WHITE REFLECTIVE ROOF COATING**

Application Rate: 2 to 3 gallons per 100 sq/ft; in 2 applications of 1 to 1.5 gallons per 100 sq/ft. Allow coating to dry between applications of each coat.

Specifications: ASTM D 6083

Description: A premium white elastomeric acrylic based roof coating (water-based). May be applied by brush, roller or spray. Polyester fabric may be used for reinforcement with this coating. The coating may be applied to galvanized metal; spray polyurethane foam; EPDM and PVC single ply; SBS granular surface modified bituminous membrane; plywood and GP DensDeck only.*
*For application requirements refer to Approved Existing Substrates systems descriptions contained herein.

Container Size: 1, 3, 5, 50, 55 gallons, 11oz. tube. Note all precautions on container.

Systems Approvals: For systems approvals, refer to specific Roof Assembly, Product Control Approval.



Trade Name: **POLYGLASS PG 800 NON FIBERED ASPHALT EMULSION ROOF COATING**

Application Rate: 3 gallons per 100 sq/ft in two coats

Specifications: ASTM D 1266 type III

Description: Asphalt base, unfibered clay emulsion

Container Size: 11 oz., 1, 3, 5, 50 gallons, tube. Note all precautions on container.

Systems Approvals: For systems approvals, refer to specific Roof Assembly, Product Control Approval.

Trade Name: **POLYPLUS PG850 FIBERED ASPHALT EMULSION ROOF COATING**

Application Rate: 3 gallons per 100 sq/ft in two coats

Specifications: ASTM D 1266 type III

Description: Asphalt base, unfibered clay emulsion

Container Size: 1, 3, 5, 50, 55 gallons, 11oz. tube. Note all precautions on container.

Systems Approvals: For systems approvals, refer to specific Roof Assembly, Product Control Approval.

Trade Name: **POLYPLUS 55 PREMIUM MODIFIED FLASHING CEMENT**

Application Rate: 8 gallons per 100 sq/ft

Specifications: ASTM D 4586 type I

Description: A mastic compound for use as a roof flashing adhesive. Apply with knife or trowel at a minimum of 1/8" thick.

Container Size: 1, 3, 5, 50, 55 gallons, 11oz. tube. Note all precautions on container.

Systems Approvals: For systems approvals, refer to specific Roof Assembly, Product Control Approval.



APPROVED EXISTING SUBSTRATES:

Substrate: Existing Galvanized Metal Roof Panel System

Preparation:

The existing surface should be smooth, clean, sound and dry prior to the application of the Polyglass PG700 White Reflective Roof Coating. All surface preparation shall be in compliance with Polyglass current published application instructions.

Foundation Coat:

On all exposed fasteners encapsulate with Polyglass elastomeric flashing grade or alternately embed a 6 inch by 6 inch piece of Polyester fabric into the Polyglass PG700 White Reflective Roof Coating. All seams, joints, or laps should be sealed with Polyglass flashing grade or alternately embed strips of Polyester fabric overlapping fabric joints 4 inches in the Polyglass PG700 White Reflective Roof Coating. Follow with one coat of Polyglass PG700 White Reflective Roof Coating at a rate of 1 gal/sq by brush or spray. Allow to thoroughly dry before application of the final coat.

Finish coat:

Apply Polyglass PG700 White Reflective Roof Coating finish coat at right angles to the foundation coat at a rate of 1 gal/sq by brush or spray.



Substrate: New or Existing Spray Applied Polyurethane Foam System

System 1

Preparation:

The existing surface should be smooth, clean, sound and dry prior to the application of the Polyglass PG700 White Reflective Roof Coating. All surface preparation shall be in compliance with Polyglass current published application instructions.

Foundation Coat:

Apply one layer of Polyglass PG700 White Reflective Roof Coating at a rate of 1 gal/sq by brush or spray. Allow to thoroughly dry before application of the final coats. Apply Polyglass PG700 White Reflective Roof Coating by brush or spray and fully saturate existing substrate at a maximum rate of 2 gal/sq providing a minimum of 18 mils dry film thickness. Fully embed Polyester fabric while coating is still wet, keeping a minimum of 4 inch fabric overlap. Fabric must be completely embedded in Polyglass PG700 White Reflective Roof Coating and allowed to dry.

Finish coat:

Apply 2 coats of Polyglass PG700 White Reflective Roof Coating in 2 equal coats at right angles to the foundation coat at a rate of 1 gal/sq by brush or spray.

System 2

Preparation:

The existing surface should be smooth, clean, sound and dry prior to the application of the Polyglass PG700 White Reflective Roof Coating. All surface preparation shall be in compliance with Polyglass current published application instructions.

Foundation Coat:

Apply one coat of Polyglass Asphalt emulsion roof coating PG-800 at a rate of 4 gal/sq by brush or spray. Allow to thoroughly dry before application of the final coats. Fully embed Polyester fabric while coating is still wet, keeping a minimum of 4 inch fabric overlap. Fabric must be completely embedded in Polyglass Asphalt emulsion roof coating PG-800 and allowed to dry.

Finish coat:

Apply 2 coats of Polyglass PG700 White Reflective Roof Coating in 2 equal coats at right angles to the foundation coat at a rate of 1 gal/sq by brush or spray.

System 3

Preparation:

The existing surface should be smooth, clean, sound and dry prior to the application of the Polyglass PG700 White Reflective Roof Coating. All surface preparation shall be in compliance with Polyglass current published application instructions.

Foundation Coat:

Apply one layer of Polyglass PG700 White Reflective Roof Coating at a rate of 1 gal/sq by brush or spray. Allow to thoroughly dry before application of the final coats

Finish coat:

Apply Polyglass PG700 White Reflective Roof Coating finish coat at right angles to the foundation coat at a rate of 1 gal/sq by brush or spray.

Substrate: Existing SBS Granulated Cap sheet Mod Bit Roof System

System 1

Preparation:

The existing surface should be smooth, clean, sound and dry prior to the application of the Polyglass PG700 White Reflective Roof Coating. All surface preparation shall be in compliance with Polyglass current published application instructions.

Foundation Coat:

Apply Polyglass PG700 White Reflective Roof Coating at a rate of 2 gal/sq by brush or spray providing a minimum of 18 dry mils. Fully embed Polyester fabric while coating is still wet, keeping a minimum of 4 inch fabric overlap. Fabric must be completely embedded in Polyglass PG700 White Reflective Roof Coating and allowed to dry.

Finish coat:

Apply 2 coats of Polyglass PG700 White Reflective Roof Coating in 2 equal coats at right angles to the foundation coat at a rate of 2 gal/sq by brush or spray.

System 2

Preparation:

The existing surface should be smooth, clean, sound and dry prior to the application of the Polyglass PG700 White Reflective Roof Coating. All surface preparation shall be in compliance with Polyglass current published application instructions.

Foundation Coat:

Apply one coat of Polyglass Asphalt emulsion roof coating PG-800 at a rate of 4 gal/sq by brush or spray. Allow to thoroughly dry before application of the final coats. Fully embed Polyester fabric while coating is still wet, keeping a minimum of 4 inch fabric overlap. Fabric must be completely embedded in Polyglass Asphalt emulsion roof coating PG-800 and allowed to dry.

Finish coat:

Apply 2 coats of Polyglass PG700 White Reflective Roof Coating in 2 equal coats at a combined rate of 2 gal/sq by brush or spray.



Substrate: Existing SBS Granulated Cap sheet Mod Bit Roof System (Continued)

System 3

Preparation:

The existing surface should be smooth, clean, sound and dry prior to the application of the Polyglass PG700 White Reflective Roof Coating. All surface preparation shall be in compliance with Polyglass current published application instructions.

Foundation Coat:

Apply one coat of Polyglass Asphalt emulsion roof coating PG-800 at a rate of 4 gal/sq by brush or spray. Allow to thoroughly dry before application of the final coats. Fully embed Polyester fabric while coating is still wet, keeping a minimum of 4 inch fabric overlap. Fabric must be completely embedded in Polyglass Asphalt emulsion roof coating PG-800 and allowed to dry.

Intermediate coat:

Apply second coat of Polyglass Asphalt emulsion roof coating PG-800 at a rate of 3 gal/sq by brush or spray. Allow to thoroughly dry before application of the final coats. Fully embed Polyester fabric while coating is still wet, keeping a minimum of 4 inch fabric overlap. Fabric must be completely embedded in Polyglass Asphalt emulsion roof coating PG-800 and allowed to dry.

Finish coat:

Apply 2 coats of Polyglass PG700 White Reflective Roof Coating in 2 equal coats at a combined rate of 2 gal/sq by brush or spray.

System 4

Preparation:

The existing surface should be smooth, clean, sound and dry prior to the application of the Polyglass PG700 White Reflective Roof Coating. All surface preparation shall be in compliance with Polyglass current published application instructions.

Foundation Coat:

Apply one coat of Polyglass PG700 White Reflective Roof Coating at a rate of 1 gal/sq by brush or spray. Allow to thoroughly dry before application of the final coats

Finish coat:

Apply Polyglass PG700 White Reflective Roof Coating finish coat at right angles to the foundation coat at a rate of 1 gal/sq by brush or spray.



Substrate: Existing PVC Membrane Roof Systems

Preparation:

The existing surface should be smooth, clean, sound and dry prior to the application of the Polyglass PG700 White Reflective Roof Coating. All surface preparation shall be in compliance with Polyglass current published application instructions.

Foundation Coat:

Option 1:

Apply one layer of Polyglass PG700 White Reflective Roof Coating at a rate of 1 gal/sq by brush or spray. Allow to thoroughly dry before application of the final coats. Apply Polyglass PG700 White Reflective Roof Coating by brush or spray and fully saturate existing substrate at a maximum rate of 2 gal/sq providing a minimum of 18 mils dry film thickness. Fully embed Polyester fabric while coating is still wet, keeping a minimum of 4 inch fabric overlap. Fabric must be completely embedded in Polyglass PG700 White Reflective Roof Coating and allowed to dry.

Option 2:

Apply 4 gallons of Polyglass Emulsion PG800 and embed Polyester fabric. Be sure fabric is completely embedded and allow drying prior to application of finished coat.

Finish coat:

Apply 1 coat of Polyglass PG700 White Reflective Roof Coating at right angles to the foundation coat at a rate of 1 gal/sq by brush or spray.

Substrate: Existing EPDM Membrane Roof Systems

Preparation:

The existing surface should be smooth, clean, sound and dry prior to the application of the Polyglass PG700 White Reflective Roof Coating. All surface preparation shall be in compliance with Polyglass current published application instructions. Primer is optional.

Foundation Coat:

Apply one layer of Polyglass PG700 White Reflective Roof Coating at a rate of 1 gal/sq by brush or spray. Allow to thoroughly dry before application of the final coats. Apply Polyglass PG700 White Reflective Roof Coating by brush or spray and fully saturate existing substrate at a maximum rate of 2 gal/sq providing a minimum of 18 mils dry film thickness. Fully embed Polyester fabric while coating is still wet, keeping a minimum of 4 inch fabric overlap. Fabric must be completely embedded in Polyglass PG700 White Reflective Roof Coating and allowed to dry.

Finish coat:

Apply 1 coat of Polyglass PG700 White Reflective Roof Coating at right angles to the foundation coat at a rate of 1 gal/sq by brush or spray.



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. Product shall be applied in strict compliance with Manufacturer's published application instructions when not in conflict with the information contained herein.
3. Polyglass products shall not be applied in inclement weather conditions.
4. Polyglass products are components of roof assemblies and are approved for use only with roof assemblies accepted by the Miami-Dade Office of Building Code Compliance.
5. All roofing adhesives, mastics, and coatings shall have a quality control testing program by an approved independent listing agency having unannounced follow up visit. Follow up test results shall be made available to BCCO upon request.
6. All approved products listed herein shall be labeled in compliance with TAS 121 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.



7. 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.

END OF THIS ACCEPTANCE

