

ROOFING AND WATERPROOFING SYSTEMS

**POLYGLASS** Q

**MAPEI**  
GROUP



Bituminous Roof Coatings,  
Cements, Primers and Adhesives

## Aluminum Coatings



## Protective Coatings



## Emulsions & Primers



## Modified Cements & Adhesives



## Icon Legend



Spray



Roof Brush



Notched Squeegee



Roller



Putty Knife



Pointed Trowel



Notched Trowel



# About Polyglass U.S.A., Inc.

With its origins as a roofing contracting business, Polyglass® became a leading manufacturer of modified bitumen roofing membranes in Europe in the 1960s and introduced its products and technology to the United States in 1992. Since then, Polyglass has grown to be a leading innovator in the roofing industry. Decades of practical experience in the application of roofing and waterproofing materials provide the strong foundation for understanding the importance of contractor satisfaction.

Launching innovative technologies such as Polyglass' patented self-adhered ADESO® Technology in the 1990s positioned Polyglass as a leader in self-adhered modified bitumen membranes. As the company continued its growth, it was acquired in 2008 by Mapei®, a global manufacturer of adhesives, sealants and chemical products for the building industry. After the acquisition, Polyglass U.S.A.'s headquarters moved to Deerfield Beach, Florida and currently has five ISO 9001:2015 certified manufacturing facilities servicing the Americas.

**1 DEERFIELD BEACH, FL**  
**POLYGLASS USA, INC.**  
North American Headquarters

**2 FERNLEY, NV**  
Manufacturing Facility

**3 PHOENIX, AZ**  
Manufacturing Facility

**4 HAZLETON, PA**  
Manufacturing Facility

**5 WINTER HAVEN, FL**  
Manufacturing Facility

**6 WACO, TX**  
Manufacturing Facility



# ALUMINUM COATINGS

When applied, Polyglass' aluminum coatings form a reflective, metallic shield over the base material and are specifically formulated to be compatible with Polyglass roofing membranes, yet designed to protect a variety of asphalt-based roofs.



## PG 600

### Non-Fibered Aluminum Roof Coating

- Meant to be applied over new or existing APP (plastomeric) or SBS (elastomeric) smooth or mineral surface cap sheets, asphalt built-up roofs and flashings and most metal roof substrates
- Prevents UV rays from penetrating the roof coating
- Offers excellent weathering characteristics and will not prematurely crack or dry out
- Non-destructive to asphalt-based roofing membranes
- Specifically formulated to be compatible with Polyglass roofing membranes
- Meets or exceeds the requirements of ASTM D2824 Asphalt Roof Coating Type I

### Packaging

4.75 Gallon (17.9 Liters) Pail  
50 Gallon (189 Liters) Drum



## PG 650

### Fibered Aluminum Roof Coating

- Designed to apply over new or existing APP (plastomeric) or SBS (elastomeric) smooth or mineral surface cap sheets, asphalt built-up roofs and flashings
- Prevents the UV rays from penetrating the roof coating
- Includes special reinforcing fibers that "push" the aluminum flakes to the surface for longer lasting reflectivity and greater durability
- Offers excellent weathering characteristics and will not prematurely crack or dry out
- Non-destructive to asphalt-based roofing membranes
- Asbestos free – 100% recycled cellulose fibers
- Meets or exceeds the requirements of ASTM D2824 Asphalt Roof Coating Type III

### Packaging

4.75 Gallon (17.9 Liters) Pail  
50 Gallon (189 Liters) Drum



## PolyPlus® 60

### Premium Non-Fibered Aluminum Roof Coating

- Meant to be applied over new or existing APP (plastomeric) or SBS (elastomeric) smooth or mineral surface cap sheets, asphalt built-up roofs and flashings and most metal roof substrates
- Prevents UV rays from penetrating the roof coating
- Offers excellent weathering characteristics and will not prematurely crack or dry out
- Non-destructive to asphalt-based roofing membranes
- Specifically formulated to be compatible with Polyglass roofing membranes
- Meets or exceeds the requirements of ASTM D2824 Asphalt Roof Coating Type I

### Packaging

4.75 Gallon (17.9 Liters) Pail





## PolyPlus® 65

### Premium Fibered Aluminum Roof Coating

- Designed to apply over new or existing APP (plastomeric) or SBS (elastomeric) smooth or mineral surface cap sheets, asphalt built-up roofs and flashings
- Prevents the UV rays from penetrating the roof coating
- Includes special reinforcing fibers that “push” the aluminum flakes to the surface for longer lasting reflectivity and greater durability
- Offers excellent weathering characteristics and will not prematurely crack or dry out
- Non-destructive to asphalt-based roofing membranes
- Asbestos free – 100% recycled cellulose fibers
- Meets or exceeds the requirements of ASTM D2824 Asphalt Roof Coating Type III

### Packaging

4.75 Gallon (17.9 Liters) Pail  
50 Gallon (189 Liters) Drum



	PG 600	PG 650	PolyPlus 60	PolyPlus 65
UL Classified			✓	
FM Approved			✓	
Texas Department of Insurance	✓	✓	✓	✓
Florida Building Code	✓	✓	✓	✓
Miami-Dade County Product Control Approved	✓	✓	✓	✓
Has Aluminum Content over the amount specified in ASTM D2824	Type I	Type III	Type I	Type III
Contains Reinforcing Fibers for greater durability		✓		✓
Reflectance Value (%) (CRRC - 1)	50 - 55	50 - 55	60 - 65	60 - 65



# PROTECTIVE COATINGS

Safer, more efficient alternatives to hot asphalt, Polyglass' protective coatings perform well as adhesives for mineral granules and organic roll roofing membranes.



## PG 200 Non-Fibered Roof Coating

- Contractor grade, non-polymer modified asphalt roof coating
- Protective coating for smooth surface BUR, polymer-modified bituminous membranes, and roll-roofing membranes
- Performs well as an adhesive for mineral granules
- Protective surface for metal roofing, masonry, stucco, parapet walls, curbs and base flashings
- Damp proofing compound for below grade walls
- Protective coating on the inside of planter boxes
- Suitable for use as an adhesive for organic roll roofing membranes
- Meets or exceeds the requirements of ASTM D4479 Type I

### Packaging

4.75 Gallon (17.9 Liters) Pail



## PG 300 Fibered Roof Coating

- Contractor grade, non-polymer modified asphalt roof coating
- Protective coating for smooth surface BUR, polymer-modified bituminous membranes, and roll-roofing membranes
- Performs well as an adhesive for mineral granules
- Suitable for use as an adhesive for organic roll roofing membranes
- Meets or exceeds the requirements of ASTM D4479 Type I

### Packaging

4.75 Gallon (17.9 Liters) Pail



# EMULSIONS & PRIMERS

Polyglass' emulsions and primers serve as a protective surface for metal roofing, masonry, stucco, parapet walls, curbs and base flashings and as a dampproofing compound for below grade walls.



## PG 100 Fast-Drying Asphalt Primer

- General purpose penetrating asphalt primer
- Used to promote adhesion prior to the application of hot-mopped, cold-applied, and self-adhesive membrane systems as well as roof cements, mastics, and asphalt-based adhesives
- A dampproofing compound for below grade walls
- Protective coating on the inside of planter boxes
- Meets or exceeds the requirements of ASTM D41 Asphalt Primer, Type I-Spray, Type II-Pail

### Packaging

14 Ounce Spray Can (396g)  
0.9 Gallon (3.4 Liters) Pail  
4.75 Gallon (17.9 Liters) Pail



## WB 3000 Fast-Drying Water-Based Primer

- Low-VOC, water-based acrylic primer
- Enhances the adhesion of self-adhered roof membranes to a variety of porous and non-porous substrates
- One-component, versatile primer for a wide variety of substrate conditions
- Surface primer for both horizontal and vertical surfaces

### Packaging

5 Gallon (18.9 Liters) Pail



## PG 800 Asphalt Emulsion Roof Coating

- Asphalt-based, clay emulsion product that can be used as a protective roof coating over smooth surfaced asphalt built-up and modified bitumen membranes
- Base coat for reflective coatings
- Protective surface for metal roofing, masonry, stucco, parapet walls, curbs and base flashings
- A dampproofing compound for below grade walls
- Protective coating on the inside of planter boxes
- Meets or exceeds the requirements of ASTM D1227 Type III Class I

### Packaging

5 Gallon (18.9 Liters) Pail  
55 Gallon (208.1 Liters) Drum  
275 Gallon (1039.5 Liters) Tote



# MODIFIED CEMENTS & ADHESIVES

Polyglass' Modified Cements & Adhesives are ideal for use with SBS modified bitumen roof membranes as a cold-applied adhesive and are specially formulated to be compatible with Polyglass roofing membranes.



## PG 350

### Modified Bitumen Adhesive

- Cold-applied bonding adhesive for SBS (elastomeric) modified bitumen base sheets and SBS (elastomeric) modified bitumen smooth or granulated cap sheets
- High gel formulation with SBS (elastomeric) rubber is specifically formulated to be compatible with Polyglass roofing membranes
- Bonds gravel or mineral granules to BUR roof systems and modified cap sheets
- Excellent for conventional built up roofing membranes
- Meets or exceeds the requirements of ASTM D3019 Type III
- Not for sale in the California South Coast Air Quality Management District (SCAQMD), Connecticut, New Jersey, District of Columbia or Maryland

### Packaging

4.75 Gallon (17.9 Liters) Pail  
50 Gallon (189 Liters) Drum



## PG 500

### Modified Cement

- High quality formulation suitable for use as a cold-applied bonding agent for SBS (elastomeric) roofing systems as well as various other membrane systems
- Trowel-grade consistency which makes it ideal for flashing details, attachment of membrane to steep slopes and parapet walls as well as a variety of waterproofing repairs
- Flexibility and elasticity make it superior to standard plastic cements
- Meets or exceeds the requirements of ASTM D4586 Asphalt Roof Cement Type I and ASTM D3409 Asphalt Roof Cement to damp, wet or underwater surfaces

### Packaging

10.1 oz (0.3 Liters) Cartridge  
2.8 Gallon (10.6 Liters) Pail  
4.75 Gallon (17.9 Liters) Pail



## PolyPlus® 35

### Premium Modified Bitumen Adhesive

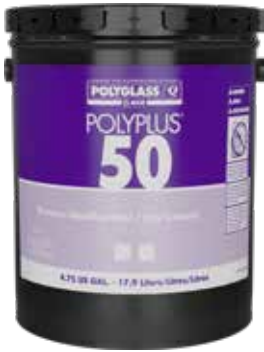
- Premium formulation designed for use as a cold-applied bonding adhesive for SBS (elastomeric) modified bitumen base sheets and SBS (elastomeric) modified bitumen smooth or granulated cap sheets
- Premium high gel formulation with SBS (elastomeric) rubber is specifically formulated to be compatible with Polyglass roofing membranes
- Bonds gravel or mineral granules to BUR roof systems and modified cap sheets
- Excellent for conventional built up roofing membranes
- Meets or exceeds the requirements of ASTM D 3019 Type III
- Not for sale in the California South Coast Air Quality Management District (SCAQMD), Connecticut, New Jersey, District of Columbia or Maryland

### Packaging

4.75 Gallon (17.9 Liters) Pail  
50 Gallon (189 Liters) Drum  
275 Gallon (1039.5 Liters) Tote







## PolyPlus® 50

### Premium Modified Wet/Dry Cement

- Premium quality formulation suitable for use as a cold-applied bonding agent for SBS (elastomeric) roofing systems as well as various other membrane systems
- Trowel-grade consistency which makes it ideal for flashing details, attachment of membrane to steep slopes and parapet walls as well as a variety of waterproofing repairs
- For applying SBS (elastomeric) modified bitumen membrane flashing to parapet walls, curbs and roof penetrations
- This product may be used as a topical application on smooth or granule APP (elastomeric) products for roofing repairs only
- For repairing splits, breaks and small holes in asphalt-based roofing and flashings in wet and dry conditions
- For installing metal edge flanges and other metal joints
- Meets or exceeds the requirements of ASTM D 4586 Asphalt Roof Cement Type I and ASTM D3409 Asphalt Roof Cement to Damp, Wet or Underwater Surfaces

### Packaging

2.8 Gallon (10.6 Liters) Pail  
4.75 Gallon (17.9 Liters) Pail



# MODIFIED CEMENTS & ADHESIVES

Polyglass' mastics offer repair solutions for a multitude of roofs. Easy to apply, these roof coatings offer excellent adhesion and provide excellent weathering characteristics.



## PG 400 Plastic Roof Cement

- General purpose formulation for use as a cold-applied sealing and repair material in many types of non-polymer modified roof membranes
- Trowel-grade consistency which makes this product ideal for flashing details and a variety of waterproofing repairs
- Repairs asphalt shingles, conventional built-up roofs, metal and masonry surfaces
- Seals leaks and openings at flashings (chimneys, vents, skylights, metal joints, gutters and similar objects used in constructing built-up flashings)
- Positive - side damp proofing of concrete, masonry walls and foundations
- Meets or exceeds the requirements of ASTM D4586 Asphalt Roof Cement Type I

### Packaging

2.8 Gallon (10.6 Liters) Pail  
4.75 Gallon (17.9 Liters) Pail



## PG 425 Wet and Dry Roof Cement

- General purpose formulation for wet weather repair of roof leaks
- Trowel-grade consistency which makes this product ideal for sealing and patching temporary emergency holes and cracks in roofs, even in standing water
- Formulation is non-destructive to asphalt-based roofing membranes
- Meets or exceeds the requirements of ASTM D4586 Type I and ASTM D3409 (adhesion to wet surfaces)

### Packaging

2.8 Gallon (10.6 Liters) Pail  
4.75 Gallon (17.9 Liters) Pail



## PG 450 Flashing Cement

- General purpose formulation for use as a cold-applied flashing cement in many types of non-polymer modified roof membranes
- Trowel-grade consistency which makes this product ideal for flashing details and a variety of waterproofing repairs
- Repairing flashings, asphalt shingles, conventional built-up roofs, metal and masonry surfaces
- Not recommended for use with polymer-modified bitumen, thermoplastic or thermoset membranes, over wood or on surfaces previously covered with coal tar based products
- Meets or exceeds the requirements of ASTM D4586 Asphalt Roof Cement Type I, ASTM D3409 Roof Cement to damp, wet or underwater surfaces

### Packaging

4.75 Gallon (17.9 Liters) Pail



	PG 500	PolyPlus 50	PG 350	PolyPlus 35	PG 400	PG 425	PG 450
Meets or exceeds ASTM D4586 Asphalt Roof Cement Type I	✓	✓			✓	✓	✓
Meets or exceeds ASTM D3409 Roof Cement to Damp, Wet or Underwater Surfaces	✓	✓				✓	✓
Meets or exceeds ASTM D3019 Standard Specification for Lap Cement Type III			✓	✓			
UL Classified			✓	✓			
FM Approved			✓				
Texas Department of Insurance			✓				
Florida Building Code	✓	✓	✓	✓	✓	✓	✓
Miami Dade-County Product Control Approved	✓	✓	✓	✓	✓	✓	✓







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