

POLYGLASS®



MAPEI
GROUP



Bituminous Roof Coatings,
Cements, Primers and Adhesives

Primers & Emulsions



Cements, Mastics & Adhesives



Protective Coatings



Aluminum Coatings



Icon Legend



Spray



Roof Brush



Notched Squeegee



Roller



Putty Knife



Pointed Trowel



Notched Trowel

About Polyglass U.S.A., Inc.

Polyglass is an ISO 9001:2015 Certified leading manufacturer of high-quality modified bitumen roofing and waterproofing solutions, with over 30 years of experience in the United States.

Committed to adding value through innovation, Polyglass utilizes the most technologically advanced manufacturing process in the industry with six state-of-the-art manufacturing facilities- five in North America and one in Italy which services all of Europe.

Since 2008, Polyglass has been a part of the Mapei® Group, a multi-billion-dollar manufacturer in the building industry. Together we represent over 130 years of combined experience in the production and support of building envelope products and solutions, with 90 manufacturing facilities spanning 35 countries on 5 continents.

Polyglass prides itself in providing innovative and quality waterproofing products which exceed the needs and expectations of its customers all around the world. This commitment is demonstrated daily by the people that work for Polyglass where the customers' needs always come first.

We are more than a manufacturer - Our company's family-based culture puts our customers, their projects and success, first. Polyglass and Mapei are committed to those founding core values in addition to the Research & Development, and Innovation required to ensure the performance expected from our world class organization.

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

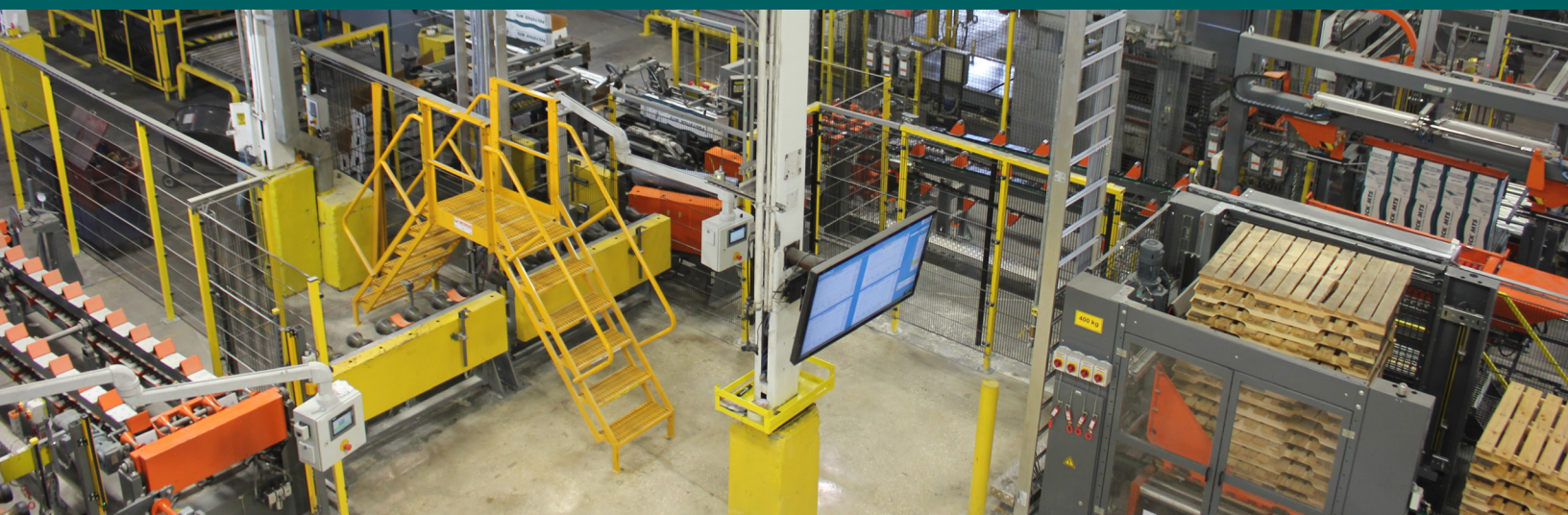
2 FERNLEY, NV
Manufacturing Facility

3 PHOENIX, AZ
Manufacturing Facility

4 HAZLETON, PA
Manufacturing Facility

5 WINTER HAVEN, FL
Manufacturing Facility

6 WACO, TX
Manufacturing Facility



PRIMERS & EMULSIONS

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



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 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



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 damp proofing 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





PG 800W

Non-Fibered Asphalt Emulsion

- Provides exceptional weathering characteristics over a wide range of challenging temperatures and weather conditions
- Can be applied to both dry and damp surfaces
- Non-destructive to conventional asphalt-based roofing membranes
- Asbestos free
- Non-flammable
- VOC compliant

Packaging

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



CEMENTS, MASTICS & ADHESIVES

Polyglass' Cements, Mastics and 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 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 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® 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
10.1 Fl. Oz. (300 ml) Cartridge





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 350 LV

Low VOC Modified Bitumen Adhesive

- Cold-applied bonding adhesive for SBS (elastomeric) modified bitumen base sheets and SBS (elastomeric) modified bitumen smooth or granulated cap sheets
- Adheres to substrate and superior lap shear adhesion
- Flexible with cohesive properties
- Eliminates the need for kettles and torches
- Excellent 24 hour strength; fully cured after 30 days
- Non-destructive to asphalt based roofing membranes
- Low odor and asbestos free
- Meets or exceeds the requirements of ASTM D3019 Type III

Packaging

2.75 Gallon (10.4 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



| | PG 400 | PG 425 | PG 450 | PG 500 | PolyPlus 50 | PG 350 | PG 350 LV | PolyPlus 35 |
|---|--------|--------|--------|--------|-------------|--------|-----------|-------------|
| 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 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ |



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



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.



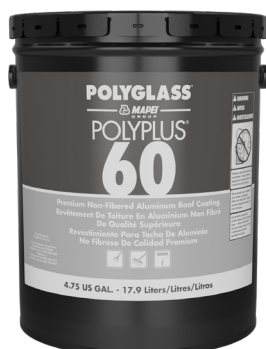
PG 600

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



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



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® 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 | PolyPlus 60 | PG 650 | 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 I | Type III | Type III |
| Contains Reinforcing Fibers for greater durability | | | ✓ | ✓ |
| Reflectance Value (%) (CRRC - 1) | 50 - 55 | 60 - 65 | 50 - 55 | 60 - 65 |



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