BITUMINOUS ROOF COATINGS, CEMENTS, PRIMERS AND ADHESIVES
Polyglass manufactures ready-to-use adhesives, cements, and coatings to accommodate a wide range of roof application needs for the professional contractor. These heavy-duty, superior grade products meet or exceed ASTM requirements, are code compliant, and are formulated to be highly flexible, resilient and durable through all seasons.

In turn, these products work hard every day for the building owner – extending the roof’s life by preventing water, chemical, or physical damage, helping shed water and keeping building interiors dry.

Protecting the building while prolonging the roof system life cycle. Which enables building owners to save money while also reducing the environmental effects of tear-offs and waste.

Polyglass’ line of adhesives, cements, and coatings are specifically formulated to be compatible with Polyglass roofing membranes and will provide the finished roof with exceptional weathering characteristics over a wide range of challenging temperatures and weather conditions.

ABOUT POLYGLASS U.S.A., INC.

Polyglass manufactures ready-to-use adhesives, cements, and coatings to accommodate a wide range of roof application needs for the professional contractor. These heavy-duty, superior grade products meet or exceed ASTM requirements, are code compliant, and are formulated to be highly flexible, resilient and durable through all seasons.

In turn, these products work hard every day for the building owner – extending the roof’s life by preventing water, chemical, or physical damage, helping shed water and keeping building interiors dry.

Protecting the building while prolonging the roof system life cycle. Which enables building owners to save money while also reducing the environmental effects of tear-offs and waste.

Polyglass’ line of adhesives, cements, and coatings are specifically formulated to be compatible with Polyglass roofing membranes and will provide the finished roof with exceptional weathering characteristics over a wide range of challenging temperatures and weather conditions.

ABOUT POLYGLASS U.S.A., INC.

Polyglass manufactures ready-to-use adhesives, cements, and coatings to accommodate a wide range of roof application needs for the professional contractor. These heavy-duty, superior grade products meet or exceed ASTM requirements, are code compliant, and are formulated to be highly flexible, resilient and durable through all seasons.

In turn, these products work hard every day for the building owner – extending the roof’s life by preventing water, chemical, or physical damage, helping shed water and keeping building interiors dry.

Protecting the building while prolonging the roof system life cycle. Which enables building owners to save money while also reducing the environmental effects of tear-offs and waste.

Polyglass’ line of adhesives, cements, and coatings are specifically formulated to be compatible with Polyglass roofing membranes and will provide the finished roof with exceptional weathering characteristics over a wide range of challenging temperatures and weather conditions.
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 modified bitumen base sheets and SBS modified bitumen smooth or granulated cap sheets
- High gel formulation with SBS 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

**PG 500 – Modified Cement**
- High quality formulation suitable for use as a cold-applied bonding agent for SBS 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 D 4586 Asphalt Roof Cement Type I

**PolyPlus 35 – Premium Modified Bitumen Adhesive**
- Premium formulation designed for use as a cold-applied bonding adhesive for SBS modified bitumen base sheets and SBS modified bitumen smooth or granulated cap sheets
- Premium high gel formulation with SBS 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

**PolyPlus 50 – Premium Modified Wet/Dry Cement**
- Premium quality formulation suitable for use as a cold-applied bonding agent for SBS 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 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 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 D 3409 Asphalt Roof Cement to Damp, Wet or Underwater Surfaces

### Comparison Table

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Meets or exceeds ASTM D 4586 Asphalt Roof Cement Type I</td>
<td>X</td>
<td>X</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Meets or exceeds ASTM D 3409 Asphalt Roof Cement to Damp, Wet or Underwater Surfaces</td>
<td>X</td>
<td>X</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Meets or exceeds ASTM D 3019 Standard Specification for Lap Cement Type III</td>
<td>X</td>
<td>X</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>UL Classified</td>
<td>X</td>
<td>X</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Dade County Approved</td>
<td>X</td>
<td>X</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Specifically designed for SBS Membranes, but may be used with other materials such as concrete, BUR, etc.</td>
<td>X</td>
<td>X</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Ideal for emergency repairs in wet conditions</td>
<td>X</td>
<td>X</td>
<td></td>
<td>X</td>
</tr>
</tbody>
</table>
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 D 4586 Asphalt Roof Cement Type I

**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
- Meets or exceeds the requirements of ASTM D 4586 Asphalt Roof Cement Type I

**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 D 4586 Type I and ASTM D 3409 (adhesion to wet surfaces)

<table>
<thead>
<tr>
<th></th>
<th>PG400 Polyglass Plastic Roof Cement</th>
<th>PG425 Polyglass Wet and Dry Cement</th>
<th>PG450 Polyglass Flashing Cement</th>
<th>PolyPlus 45 Premium Flashing Cement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Meets or exceeds ASTM D 4586 Asphalt Roof Cement Type I</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Meets or exceeds ASTM D 3409 Asphalt Roof Cement to Damp, Wet or Underwater Surfaces</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Dade County Approved</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Designed for standard flashing details for shingles and BUR roofs</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Ideal for emergency repairs in wet conditions</td>
<td>X</td>
<td>X</td>
<td></td>
<td>X</td>
</tr>
</tbody>
</table>
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 or SBS 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 D 2824 Asphalt Roof Cement Type I

PG 650 – Fibered Aluminum Roof Coating
• Designed to apply over new or existing APP or SBS 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

PolyPlus 60 – Premium Non-Fibered Aluminum Roof Coating
• Meant to be applied over new or existing APP or SBS 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 D 2824 Asphalt Roof Cement Type I

PolyPlus 65 – Premium Fibered Aluminum Roof Coating
• Designed to apply over new or existing APP or SBS 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

<table>
<thead>
<tr>
<th>PG600 Polyglass Non-Fib Alum Roof Ctg</th>
<th>PG650 Polyglass Fib Alum Roof Ctg</th>
<th>PolyPlus 60 Non-Fib Alum Roof Ctg</th>
<th>PolyPlus 65 Fibered Alum Roof Ctg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Meets or exceeds ASTM D 4586 Asphalt Roof Cement Type I</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>UL Classified</td>
<td></td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Dade County Approved</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Has Aluminum Content over the amount specified in ASTM D 2824</td>
<td></td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Contains Reinforcing Fibers for greater durability</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Reflectance Value [%]</td>
<td>50 - 55</td>
<td>50 - 55</td>
<td>60 - 65</td>
</tr>
</tbody>
</table>
Safer, more efficient alternatives to hot asphalt, Polyglass’ protective coatings perform well as adhesives for mineral granules and organic roll roofing membranes.

**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 D 41 Asphalt Primer Type I

**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 D 1227 Type III

**PG 801 – 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
- High flexibility to accommodate temperature-related expansion and contraction of the roof system
- Provides exceptional weathering characteristics over a wide range of challenging temperatures and weather conditions
- Non-destructive to conventional asphalt based roofing membranes
- Asbestos-free
- Meets or exceeds the requirements of ASTM D 1227 Type III

**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
- General primer for acrylic elastomeric products
- Surface primer for both horizontal and vertical surfaces

**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
- Dampproofing 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 D 3019 Type I, ASTM D 4479 Type I

**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 D 3019 Type I, ASTM D 4479 Type I

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.
All data furnished refers to standard production using manufacturing testing tolerances. The product user, and not Polyglass U.S.A., Inc. is responsible for determining the suitability and compatibility of our products for the user’s intended use.

For the most current product data information, visit www.Polyglass.com

© 2014 by Polyglass U.S.A., Inc. and all rights are reserved.