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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. Since the acquisition, Polyglass U.S.A.'s headquarters moved to Deerfield Beach, Florida and the company continues to realize significant product development and company growth.



PLUS

ing Underlayment

adhesive self applications

MIAMI-DADE COUNTY
PRODUCT CONTROL APPROVED

PATENTED IN
OTHER PATENT

STICK® POLY

MAPEI

waterproofing underlayment

ROOFING AND WATERPROOFING SYSTEMS
POLYGLASS e
MAPEI GROUP

PLUS 45
Flashing Cement

PLUS 45

ROOFING AND WATERPROOFING SYSTEMS
POLYGLASS e
MAPEI GROUP

24
Ceramic Roof Coating

24

4.75 U.S. GAL. - 18.0 Liters

ROOFING AND WATERPROOFING SYSTEMS
POLYGLASS e
MAPEI GROUP

POLYGLASS 65
Premium Fibered Aluminum Roof Coating

POLYGLASS 65

ROOFING AND WATERPROOFING SYSTEMS
POLYGLASS e
MAPEI GROUP

70
Grade Elastomer

70

4.75 U.S. GAL. - 18.0 Liters



About Polyglass Products

Polyglass' manufacturing facilities are equipped with custom designed machinery built by Polyglass technicians. The plants feature a multiple variable advanced compound coating system that allows a broader application of proven formulations to new carriers, as well as allowing the production of composite products. In addition, Polyglass invests in the latest manufacturing technology and advanced palletization.

Committed to advancing its Research and Development activities, Polyglass laboratories are designed to implement the highest quality standard testing methods to ensure product performance. By combining Polyglass' manufacturing expertise and technology with the ability to purchase the finest raw materials available world-wide, Polyglass is able to produce superior performing, yet competitively priced products.

Polyglass Warranties

Polyglass' products are designed to work together as part of a roofing system. When used as part of a multi-ply system, extended long-term, roofing system warranties are available. Contact your local Polyglass representative or visit our Website to find out more information.





Mission Statement

Polyglass is committed to adding value by producing cutting edge products which meet or exceed the needs of our customers. Our goal is to provide a professional experience, focusing on quality products and efficient service, while meeting the objectives of our shareholders and employees.

Polyglass Commitment

Polyglass values its customers and is in constant search of ways to improve products and services. Manufacturing in three locations across the United States, Polyglass is able to service most of the country in just a few days.

Technical Services

Polyglass has a team of trained Technical Representatives throughout the country that are available for onsite support providing uncompromised service that customers can depend on.

Customer Service

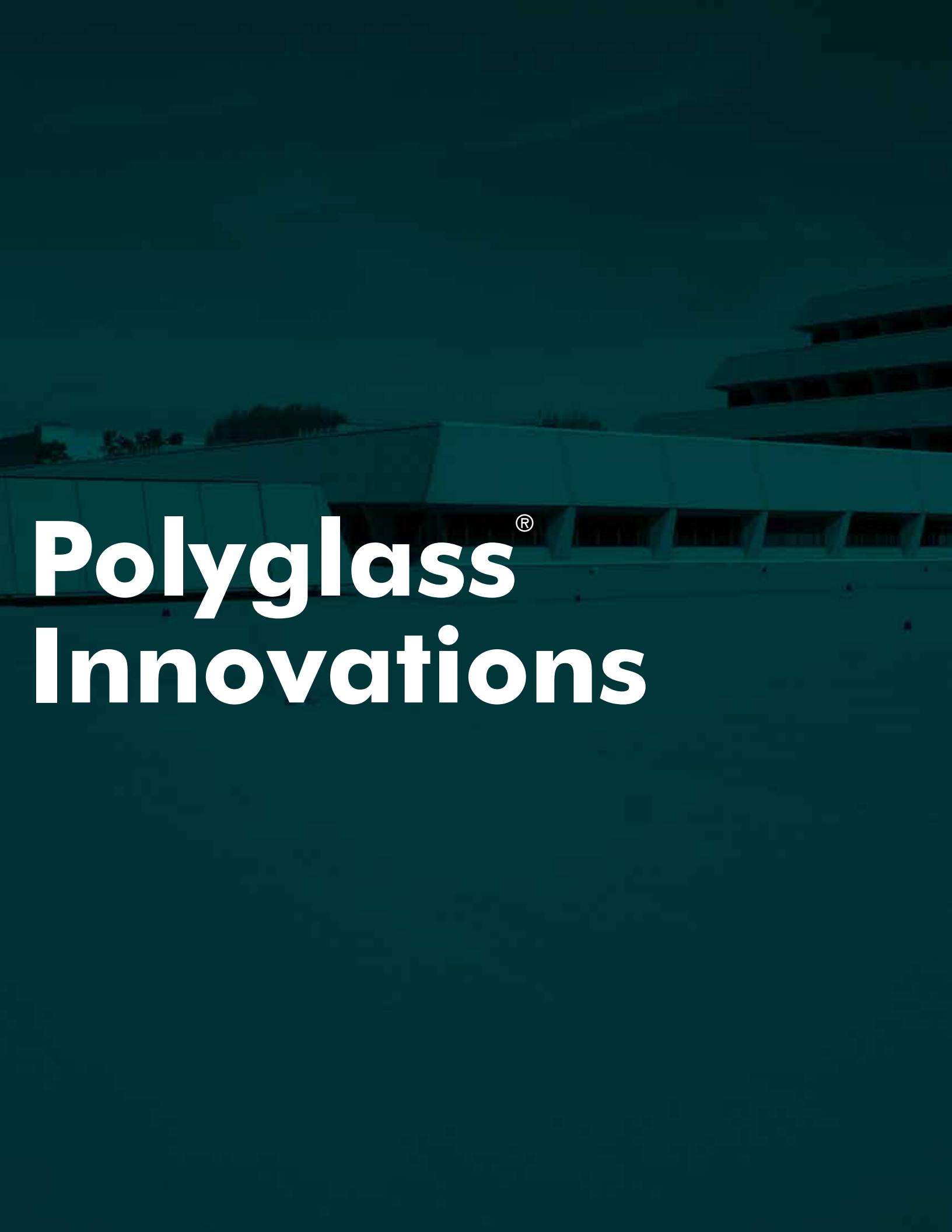
Polyglass has customer service personnel available on both the East and West coasts, and technical training and support on our many products – placing customer needs as the company's highest priority.

Sales Team

Polyglass' vast sales team coverage services all 50 states of the U.S.A., as well as Canada and parts of the Caribbean. In addition, Polyglass can tap into the sales networks associated with Mapei companies for support when needed.

Research & Development

In line with Polyglass' parent company, Mapei Corporation, Polyglass dedicates 5% of its annual sales to its continued research and development of new products, as well as improving existing products. This commitment demonstrates the leadership role Polyglass plays in the roofing industry.



Polyglass[®] Innovations





ADESO® Technology was introduced in the 1990s, revolutionizing the modified bitumen roofing industry. Polyglass led the way with launching its self-adhered base and cap sheets with ADESO® Technology. Other manufacturers have tried to emulate it, but ADESO® Technology is patented and unique to the market.

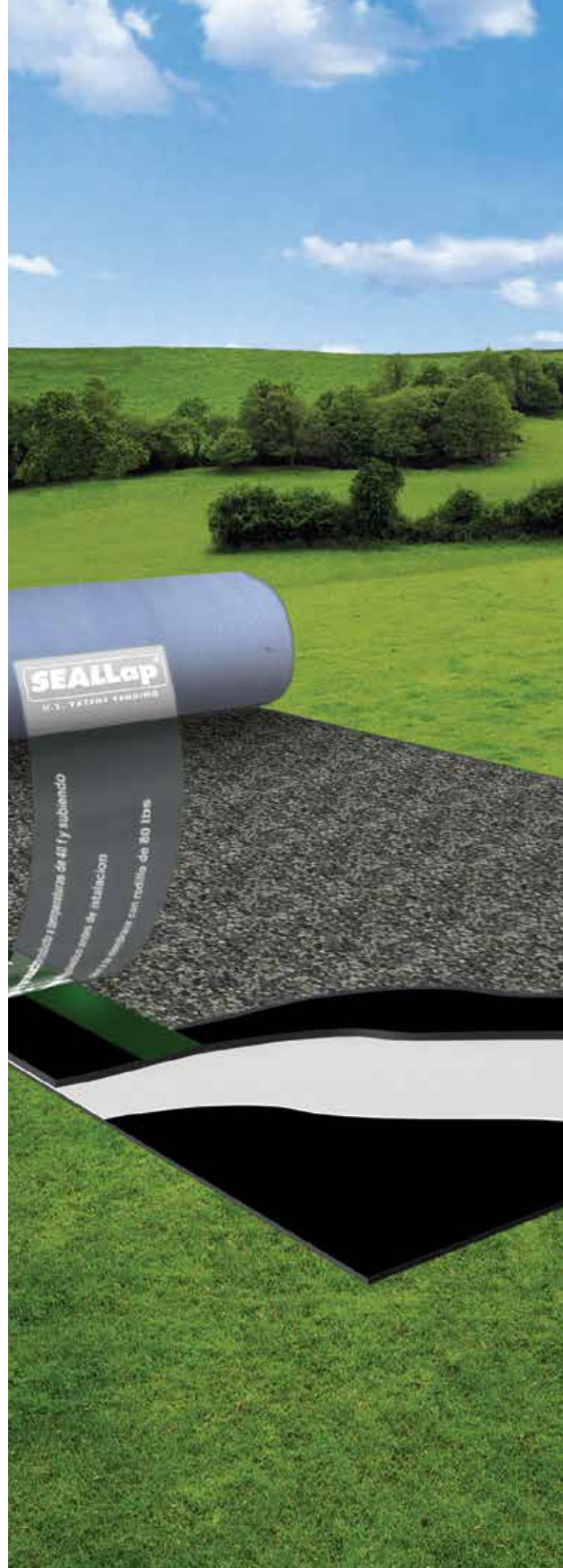
What is ADESO Technology?

ADESO® Technology is a revolutionary concept of manufacturing dual-compound self-adhesive membranes using a “true” APP or SBS formulation on the top weathering side and an aggressive self-adhered formulation on the bottom side of the reinforcement. ADESO® Technology integrates patented features that enhance lap sealing and allows product design with a variety of customized surfaces.

Membranes with ADESO® Technology feature SEALLap®, a patented, factory-applied adhesive treatment at membrane overlap that enhances sealability; and FASTLap®, a patented granule-free end lap. Both side and end laps are protected by a removable film for easy installation.

Products featuring ADESO® Technology:

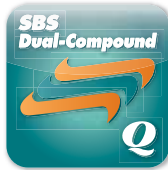
- Elastoflex SA P, Elastoflex SA P FR
- Elastoflex SA V, Elastoflex SA V FR
- Polyflex SA Base
- Polyflex SA P, Polyflex SA P FR
- Polyfresko G SA
- Polyfresko G SBS SA
- Polykool
- Polystick IR-Xe
- Polystick MTS
- Polystick MTS Plus
- Polystick MU-X
- Polystick TU Plus





MVACC - Multiple Variable Advanced Compound Coating

Manufacturing that allows application of two distinct compounds on opposite sides of reinforcement.



SBS Dual-Compound

Manufacturing process that allows application of SBS compound on the weathering surface and a self-adhesive compound on the bottom surface of the reinforcement.



APP Dual-Compound

Manufacturing process that allows application of APP compound on the weathering surface and a self-adhesive compound on the bottom surface of the reinforcement.



MSS - Multiple Surface Solutions

Flexible manufacturing process that facilitates application of a variety of customized surfacings, to provide a wide array of roofing solutions.



FASTLap - Granule-free end lap

Patented process through which granulated sheet are manufactured with granule-free roll ends. End lap selvage protected by removable film.



SEALLap - Factory-applied adhesive treatment

Unique factory-applied treatment at the membrane sidelap to enhance sealability.



Patent-pending CURE Technology® features infused ceramic microspheres, UV stabilizers and proprietary resins resulting in a longer-lasting, environmentally-friendly, higher quality modified bitumen membrane.

One of the many features of CURE Technology includes enhancing and maintaining high membrane surface reflectivity which meet or exceed ENERGY STAR® and California Title 24 requirements when manufactured with a white granulated surface.

A significant feature of CURE Technology is its superior granule adhesion. The Thin Film Technology film used enhances the bond of the granules like no other granule cap sheet. The result minimizes loss of granules as manufactured and when exposed to foot traffic, as well as other elements.

Membranes with CURE Technology will significantly reduce discoloration caused by asphaltic bleed through or surface staining. You can be assured that a membrane with CURE Technology will maintain its color integrity and reflectivity over time.

CURE Technology consists of these features:

- Highly reflective surface that can result in energy savings
- UV protection against the elements
- Shows minimum scorching on the edges for improved aesthetic appeal
- Protects membranes from airborne micro-organisms such as algae
- Impact and scuff resistant
- Solvent-free and environmentally-friendly

Products featuring CURE Technology:

- Polyfresko G
- Polyfresko G SA
- Polyfresko G SBS
- Polyfresko G SBS SA





Stain-Free

Over time, there can be bleed through and staining on modified bituminous roofs. With CURE Technology, there is minimal staining on the surface of the cap sheet. Membranes manufactured with CURE Technology will significantly resist discoloration caused by asphaltic bleed through or surface staining.



Reflectivity

Membranes manufactured with CURE Technology maintain high membrane surface reflectivity which meet or exceed ENERGY STAR®, California Title 24 and other reflective standards. When used on a white granulated surface, the initial reflectivity is above industry standards and maintains reflectivity when exposed to accelerated weathering.



Granule Adhesion

Membranes manufactured with CURE Technology have superior granule adhesion. The Thin Film Technology film used enhances the bond of the granules like no other granule cap sheet. The result minimizes loss of granules as manufactured and when exposed to foot traffic, as well as other elements.



Thin Film Technology

Thin Film Technology, as part of CURE Technology, is a revolutionary process that uses minimal surface finishing yet achieves many benefits including maintaining the granule appearance, increased durability and improved reflectivity.





Kool Roof Solutions™

Polyglass is committed to providing Kool Roof Solutions for your cool roofing needs. Our Kool Roof Solutions are proprietary formulations developed in our state-of-the-art laboratories and manufactured with the industry's highest quality raw materials. Whether it's our bright white roof coatings or modified bitumen membranes, Polyglass is driven to develop advanced energy-saving roofing solutions which deliver long-term value for the building owner.

When choosing a solution to protect your roof, make the intelligent choice by using Polyglass Kool Roof Solutions.

Products featuring Kool Roof Solutions:

Membranes

- Polyfresko G
- Polyfresko G SA
- Polyfresko G SBS
- Polyfresko G SBS SA
- Polykool

Acrylic Coatings

- Polybrite 70
- PG 700
- Polybrite 24

Silicone Coatings

- Polybrite 90
- Polybrite 95





Ensuring a Greener Tomorrow

At Polyglass, we are committed to preserving and protecting the environment, continually seeking opportunities to reduce our impact on the planet. We understand the far-reaching effects of our actions, and recognize our responsibility as a global company to conserve resources and minimize waste. That is why Polyglass is proud of its ongoing commitment to green practices, every step of the way.

Manufacturing

Polyglass considers its full impact on the environment during manufacturing and maintains green facilities by:

- Using post-consumer recycled content in most of our products
- Recycling production waste
- Powering off machinery when not in use



Printing

In an effort to reduce our eco-footprint, Polyglass uses sustainable printing measures including:

- Using minimal packaging on all products
- Printing with vegetable or soy-based, biodegradable inks
- Offering our product literature in digital form to save paper



SELF-ADHESIVE TECHNOLOGY



Elastoflex® SA P



PRODUCT DATA

| | |
|---------------------------|-----------------------------|
| Coverage (Approx)..... | 100 sq ft |
| Weight (Approx) | 90 lbs |
| Thickness (Nominal) | 3.5mm; 140 mils |
| Roll Size | 32'10" x 39 3/8" (10m x 1m) |
| Rolls/Pallet..... | 20 |

- Premium SBS self-adhered cap sheet
- Polyester reinforcement mat
- Finished with a granular surface available in 10 colors
- Meant to be used as a cap sheet as part of a multi-ply roof system. Can also be used as flashing membranes in all applicable specifications
- Split release on the bottom surface
- Approved for installation on multiple substrates
- UL Classified
- FM Approved

Features and Benefits

- Features FASTLap for granule-free roll ends
- Features SEALLap, a factory-applied adhesive treatment at the membrane overlap
- UV stabilized long-lasting, granule surface
- Available in FR

Available Colors

Black, Buff, Chestnut, Gray Slate, Heather Blend, Oak, Pine Green, Red Blend, Weatherwood, White

See page 88 for color reference

Elastoflex® SA V



PRODUCT DATA

| | |
|---------------------------|----------------------------|
| Coverage (Approx)..... | 200 sq ft |
| Weight (Approx) | 80 lbs |
| Thickness (Nominal) | 2.0mm; 80 mils |
| Roll Size | 65'8" x 39 3/8" (20m x 1m) |
| Rolls/Pallet..... | 20 |

- Premium SBS self-adhered base sheet
- Constructed with a high performance reinforced fiberglass mat
- Finished with a polyolefin film with lay lines on the top surface
- Split release film on the bottom surface
- Meant to be used as a base or inter-ply as part of a multi-ply roof system
- Approved for installation on multiple substrates
- UL Classified
- FM Approved

Features and Benefits

- Excellent long-term adhesion
- Exceptional physical properties and long-term weathering performance
- Low temperature flexibility, puncture and tear-resistant
- Available in FR

Polyflex® SA Base



PRODUCT DATA

| | |
|---------------------------|----------------------------|
| Coverage (Approx) | 200 sq ft |
| Weight (Approx) | 70 lbs |
| Thickness (Nominal) | 1.5mm; 60 mils |
| Roll Size | 65'8" x 39 3/8" (20m x 1m) |
| Rolls/Pallet | 20 |

- Premium APP self-adhered base sheet
- Fiberglass reinforcement mat
- Polyflex SA Base is specifically designed to be used as a base sheet for heat welded roofing assemblies and is constructed with a black mineral surface which is uniquely formulated that provides exceptional bonding to heat welded interply or cap sheets.
- Polyflex SA Base has a split release film for ease and safe application to approved substrates.
- UL Classified
- FM Approved

Features and Benefits

- Excellent long-term adhesion
- Exceptional physical properties and long-term weathering performance
- Low temperature flexibility, puncture and tear resistant

Polyflex® SA P



PRODUCT DATA

| | |
|---------------------------|-----------------------------|
| Coverage (Approx) | 100 sq ft |
| Weight (Approx) | 90 lbs |
| Thickness (Nominal) | 3.5mm; 140 mils |
| Roll Size | 32'10" x 39 3/8" (10m x 1m) |
| Rolls/Pallet | 20 |

- Premium APP self-adhered cap sheet
- Polyester reinforcement mat
- Finished with a granular surface available in 10 colors
- Meant to be used as a cap sheet as part of a multi-ply roof system and can also be used as flashing membranes in all applicable specifications
- Split release on bottom surface
- Approved for installation on multiple substrates
- UL Classified
- FM Approved

Features and Benefits

- Features FASTLap for granule-free roll ends
- Features SEAllap, a factory-applied adhesive treatment at the membrane overlap
- UV stabilized long-lasting, granule surface
- Available in FR

Available Colors

Black, Buff, Chestnut, Gray Slate, Heather Blend, Oak, Pine Green, Red Blend, Weatherwood, White

See page 88 for color reference





| | Modifier | Use | Surface | Thickness |
|------------------|----------|---------------------------|-----------------|-------------------|
| Elastoflex SA P | SBS | Cap Sheet | Granules | 3.5mm; 140mils |
| Elastoflex SA V | SBS | Base or Interply Sheet | Film or Sand | 2.0mm; 80mils |
| Polyflex SA Base | APP | Base or Interply Sheet | Mineral | 1.5mm; 60mils |
| Polyflex SA P | APP | Cap Sheet | Granules | 3.5mm; 140mils |

Kool Roof Solutions™





Polyfresko® G



PRODUCT DATA

| | |
|--------------------------|-----------------------------|
| Coverage (Approx)..... | 100 sq ft |
| Weight (Approx) | 110 lbs |
| Thickness (Nominal)..... | 4.2mm; 168 mils |
| Roll Size | 32'10" x 39 3/8" (10m x 1m) |
| Rolls/Pallet..... | 20 |

- Premium APP, highly-reflective modified bitumen roofing membrane
- Constructed with a high performance reinforced polyester mat
- Finished with a patent-pending granular-surfaced, thin film technology
- Designed for torch applications as part of a multi-ply roof system
- Approved for installation on multiple substrates
- Granule surface with stain and discoloration resistance and UV stabilization
- UL Classified
- FM Approved

Features and Benefits

- Features patent-pending CURE technology
- Scorch resistant surface
- Exceptional granule retention
- Available in FR
- California Title 24 compliant
- CRRC listed

Polyfresko® G SA



PRODUCT DATA

| | |
|--------------------------|-----------------------------|
| Coverage (Approx)..... | 100 sq ft |
| Weight (Approx) | 90 lbs |
| Thickness (Nominal)..... | 3.5mm; 140 mils |
| Roll Size | 32'10" x 39 3/8" (10m x 1m) |
| Rolls/Pallet..... | 20 |

- Premium APP, highly-reflective modified bitumen roofing membrane
- Self-adhered cap sheet to be used as part of a multi-ply roof system
- Constructed with a high performance reinforced polyester mat
- Granule surface with stain and discoloration resistance and UV stabilization
- UL Classified
- FM Approved

Features and Benefits

- Features patent pending CURE Technology
- Split release on bottom surface
- Features SEAllap, a factory-applied adhesive treatment at the membrane overlap
- Available in FR
- California Title 24 compliant
- CRRC listed

Polyfresko® G SBS

Polyfresko® G SBS SA



Kool Roof Solutions®
MEMBRANES



PRODUCT DATA

| | |
|---------------------------|-----------------------------|
| Coverage (Approx)..... | 100 sq ft |
| Weight (Approx) | 110 lbs |
| Thickness (Nominal) | 4.2mm; 168 mils |
| Roll Size | 32'10" x 39 3/8" (10m x 1m) |
| Rolls/Pallet..... | 20 |

- Premium, SBS, highly reflective modified bitumen roofing membrane
- Available with a sanded back for mop or cold adhesive applications, or a polyolefin film for torch applications
- Constructed with a high performance reinforced polyester mat
- Granule surface with stain and discoloration resistance and UV stabilization for long term durability and performance
- UL Classified
- FM Approved

Features and Benefits

- Features patent pending CURE Technology
- Premium membrane construction for exceptional durability and puncture resistance
- Available in FR
- CA Title 24 compliant
- CRRC Listed

PRODUCT DATA

| | |
|---------------------------|-----------------------------|
| Coverage (Approx)..... | 100 sq ft |
| Weight (Approx) | 90 lbs |
| Thickness (Nominal) | 3.5mm; 140 mils |
| Roll Size | 32'10" x 39 3/8" (10m x 1m) |
| Rolls/Pallet..... | 20 |

- Premium SBS, highly-reflective modified bitumen roofing membrane
- Self-adhered cap sheet to be used as part of a multi-ply roof system
- Constructed with a high performance reinforced polyester mat
- Granule surface with stain and discoloration resistance and UV stabilization
- UL Classified
- FM Approved

Features and Benefits

- Features patent pending CURE Technology
- Split release on bottom surface
- Features SEAllap, a factory-applied adhesive treatment at the membrane overlap
- Available in FR
- California Title 24 compliant
- CRRC Listed



Polykool®



PRODUCT DATA

| | |
|---------------------------|-----------------------------|
| Coverage (Approx) | 100 sq ft |
| Weight (Approx) | 85 lbs |
| Thickness (Nominal) | 3.4mm; 134 mils |
| Roll Size | 32'10" x 39 3/8" (10m x 1m) |
| Rolls/Pallet..... | 20 |

- Premium APP, self-adhered, fire-rated modified bitumen roofing membrane
- Constructed with a high performance reinforced polyester mat
- Finished with a patent-pending bright white and highly reflective film laminate weathering surface
- Meant to be used as a cap sheet as part of a multi-ply roof system and can also be used as flashing membranes in all applicable specifications
- Split release on bottom surface
- Approved for installation on multiple substrates
- UL Classified
- FM Approved

Features and Benefits

- Self-cleaning and anti-staining surface
- Resistant to volatile contaminants (animal fats, grease and oils)
- Solar reflectance of 76, thermal emittance of 80 and a solar reflectance index (SRI) of 92
- ENERGY STAR® rated
- California Title 24 compliant
- CRRC listed

Kool Roof Solutions™

Membranes



| | Modifier | Surface | Thickness | SRI |
|---------------------|----------|---------------------|-------------------|-----|
| Polyfresko G | APP | Reflective Granules | 4.2mm; 168mils | 90 |
| Polyfresko G SA | APP | Reflective Granules | 3.5mm; 140mils | 90 |
| Polyfresko G SBS | SBS | Reflective Granules | 4.2mm; 168mils | 90 |
| Polyfresko G SBS SA | SBS | Reflective Granules | 4.2mm; 168mils | 90 |
| Polykool | APP | Reflective Film | 3.4mm; 134mils | 92 |

Polybrite® 70



Kool Roof Solutions™ 

PACKAGING

4.75 Gallon (18.0 Liters) Pail
50 Gallon (189.3 Liters) Drum
275 Gallon (1041 Liters) Tote

- ASTM D6083
- Premium-grade, water-based acrylic latex elastomeric coating
- Cures to form a seamless membrane when applied over the entire roof area
- Keeps the roof surface cool and provides protection from ultraviolet sun and other weather exposures
- FM 4470 Rated
- Available in white and kool grey
- Can be warranted up to 15 years
- UL Classified
- FM Approved
- Labor and material warranties

Features and Benefits

- Extends the useful life of the roof
- Resistance to extended exposure to solar ultraviolet energy
- High tensile strength and elongation
- Fungal and algal resistant
- Low VOC, non-flammable and presents minimal hazard to the applicator or the environment
- California Title 24 compliant
- ENERGY STAR® approved
- CRRC listed
- Solar reflectance of 87, thermal emittance of 90 and a solar reflectance index (SRI) of 110

PG 700



PACKAGING

4.75 Gallon (18.0 Liters) Pail
50 Gallon (189.3 Liters) Drum
275 Gallon (1041 Liters) Tote

- ASTM D6083
- High quality bright white water-based acrylic latex elastomeric coating
- Cures to form a seamless membrane when applied over the entire roof area
- Keeps the roof surface cool, providing protection from ultraviolet sun and other weather exposures.
- Available in white and kool grey
- Labor and material warranties

Features and Benefits

- Extends the useful life of the roof
- Resistance to extended exposure to solar ultraviolet energy
- High tensile strength and elongation
- Fungal and algal resistant
- Low VOC, non-flammable and presents minimal hazard to the applicator or the environment
- California Title 24 compliant
- ENERGY STAR® approved
- CRRC listed
- Solar reflectance of 87, thermal emittance of 90 and a solar reflectance index (SRI) of 110

Polybrite® 24



PACKAGING

4.75 Gallon (18.0 Liters) Pail
50 Gallon (189.3 Liters) Drum
275 Gallon (1041 Liters) Tote

- Water-based elastomeric coating which cures to form a seamless membrane when applied over the entire roof area.
- Keeps the roof surface cool, providing protection from ultraviolet sun and other weather exposures
- Cures to form a seamless membrane when applied over the entire roof area
- Available in white and kool grey
- Material warranties available

Features and Benefits

- Extends the useful life of the roof
- Offers excellent resistance to extended exposure to solar ultraviolet energy
- High tensile strength and elongation
- Fungal and algal resistant
- Low VOC, non-flammable and presents minimal hazard to the applicator or the environment
- California Title 24 compliant
- ENERGY STAR® approved
- CRRC listed
- Solar reflectance of 83, thermal emittance of 88 and a solar reflectance index (SRI) of 104

Polybrite® 72



MIAMI-DADE COUNTY
APPROVED



PACKAGING

1.8 Gallon (7.56 Liters) Pail

- Premium-grade, white, water-based elastomeric mastic
- Designed for use at various flashing and detail conditions when installing Polyglass' elastomeric coating systems
- Excellent adhesion, flexibility and resistance to ultraviolet degradation

Features and Benefits

- Flexible - will expand and contract with movement of roof surfaces
- Strength - provides a permanent waterproof seal at flashing details and fastener heads
- Versatile - suitable for most surfaces and various roofing types
- Stable - no migration of plasticizers and oils that can migrate and inhibit adhesion and product performance

Polybrite® 74



MIAMI-DADE COUNTY
APPROVED



PACKAGING

4.75 Gallon (18.0 Liters) Pail

- Water-based rust inhibitor
- Manufactured with a light blue color to easily determine coverage
- Designed to inhibit further oxidation resulting in rust degradation
- Meant to prevent bleed-through when using elastomeric coatings

Features and Benefits

- Suitable as a spot rust primer or for application to widespread areas of the roof
- Enhanced with a light blue color to ensure areas of application receive proper coverage
- Water-Based formula is non-flammable during application, compliant with VOC requirements and easily cleans up with water prior to curing

Polybrite® 76



Kool Roof Solutions™ 

PACKAGING

4.75 Gallon (18.0 Liters) Pail

- Premium, specially formulated water-based acrylic latex elastomeric base coat
- Manufactured with a light blue tint
- Specifically designed to serve as a stain-blocking coating
- Enhanced resistance to areas of standing water conditions
- Cures to form a seamless membrane when applied over the entire roof area

Features and Benefits

- Seamless dry film that remains flexible and offers superior durability
- Enhanced resistance to staining of underlying materials and peel resistance when subject to standing water conditions
- Low VOC, non-flammable and presents minimal hazard to the applicator or the environment
- Resistant to airborne bio-organics such as algae

Polybrite® 78



Kool Roof Solutions™ 

PACKAGING

5 Gallon (18.9 Liters) Jug

- Low viscosity sprayable liquid
- Promotes adhesion of the elastomeric coating applied to the EPDM surface for longer roof protection

Features and Benefits

- User friendly, neutral pH formulation
- Non-corrosive
- No special handling requirements



Polybrite® 90



PACKAGING

5 Gallon (18.9 Liters) Pail
50 Gallon (189.3 Liters) Drum

- ASTM D6684
- Premium grade high solids, single component, moisture-cure, fluid applied silicone coating
- Forms a seamless membrane when applied over the entire roof area
- Able to extend the life cycle of new and existing roof systems
- Available in white or as tinted
- 50 year material warranty available
- Labor & material coating system warranties available
- UL Classified
- FM Approved

Features and Benefits

- Excellent resistance to weathering including: UV radiation, extreme temperatures, as well as rain, ice and snow
- Polybrite 90 can reduce energy costs by decreasing roof surface temperature
- Offers high tensile strength and elongation
- Fungal and algal resistant – even in high temperatures
- VOC Compliant, non-flammable and presents minimal hazard to the applicator or the environment

Polybrite® 95



PACKAGING

5 Gallon (18.9 Liters) Pail
50 Gallon (189.3 Liters) Drum

- ASTM D6684
- Ready-to-use, single component, solvent borne, moisture cure silicone roof coating
- Cures to form a seamless membrane when applied over the entire roof area
- Ability to extend the life cycle of new and existing roof systems
- Available in white or as tinted
- 50 year material warranty available
- Labor & material coating system warranties available
- UL Classified
- FM Approved

Features and Benefits

- Excellent resistance to weathering including: UV radiation, extreme temperatures, as well as rain, ice and snow
- Polybrite 95 can reduce energy costs by decreasing roof surface temperature
- Offers high tensile strength and elongation
- Fungal and algal resistant – even in high temperatures





Polybrite® 97x



Kool Roof Solutions®
Coating System Components



PACKAGING

5 Gallon (18.9 Liters) Pail Part A (white)
5 Gallon (18.9 Liters) Pail Part B (dark grey)

- Polybrite 97X is a two component, 1 to 1 ratio, water-based epoxy primer
- Enhances adhesion to a variety of porous and non-porous substrates
- UL Classified
- FM Approved

Features and Benefits

- Versatile primer for a wide variety of substrate conditions
- Cures to form a hard lusterless coating
- Low VOC
- Non-Flammable



APP Membranes



Duflex®



PRODUCT DATA

| | |
|---------------------------|-----------------------------|
| Coverage (Approx)..... | 100 sq ft |
| Weight (Approx) | 97 lbs |
| Thickness (Nominal) | 4.0mm; 160 mils |
| Roll Size | 32'10" x 39 3/8" (10m x 1m) |
| Rolls/Pallet..... | 23 |

- Premium, dual (polyester and fiberglass) reinforced APP modified bitumen base, interply or cap sheet
- Specially designed for heat-welded applications
- Easy to install as be part of a multi-ply roof system
- Smooth surface with a polyolefin backing
- UL Classified

Features and Benefits

- Exceptional weathering characteristics
- Puncture and tear resistant
- Low-temp flexibility, exceptional tensile strength and elongation properties

Duflex® G



PRODUCT DATA

| | |
|---------------------------|-----------------------------|
| Coverage (Approx)..... | 100 sq ft |
| Weight (Approx) | 106 lbs |
| Thickness (Nominal) | 4.5mm; 180 mils |
| Roll Size | 32'10" x 39 3/8" (10m x 1m) |
| Rolls/Pallet..... | 20 |

- Premium, dual (polyester and fiberglass) reinforced APP modified bitumen cap sheet
- Specially designed for heat-welded applications
- Easy to install as part of a multi-ply roof system
- Granule surface with a polyolefin backing
- UL Classified

Features and Benefits

- Exceptional weathering characteristics
- Puncture and tear resistant
- Low-temp flexibility, exceptional tensile strength and elongation properties
- Available in 10 colors to match most shingles
- Available in FR

Available Colors

Black, Buff, Chestnut, Gray Slate, Heather Blend, Oak, Pine Green, Red Blend, Weatherwood, White

See page 88 for color reference

Polybond®



PRODUCT DATA

| | |
|--------------------------|-----------------------------|
| Coverage (Approx)..... | 100 sq ft |
| Weight (Approx)..... | 75 lbs |
| Thickness (Nominal)..... | 3.5mm; 140 mils |
| Roll Size..... | 32'10" x 39 3/8" (10m x 1m) |
| Rolls/Pallet..... | 23 |

- Polyester reinforced APP modified bitumen base, interply or cap sheet
- Specially designed for heat-welded applications
- Easy to install as of a multi-ply roof system
- Smooth surface with a polyolefin backing
- UL Classified

Features and Benefits

- Exceptional weathering characteristics
- Puncture and tear resistant
- Low-temp flexibility, exceptional tensile strength and elongation properties

Polybond® G



PRODUCT DATA

| | |
|--------------------------|-----------------------------|
| Coverage (Approx)..... | 100 sq ft |
| Weight (Approx)..... | 100 lbs |
| Thickness (Nominal)..... | 4.0mm; 160 mils |
| Roll Size..... | 32'10" x 39 3/8" (10m x 1m) |
| Rolls/Pallet..... | 20 |

- Polyester reinforced APP modified bitumen cap sheet
- Specially designed for heat-welded applications
- Easy to install as part of a multi-ply roof system
- Granule surface with a polyolefin backing

Features and Benefits

- Exceptional weathering characteristics
- Puncture and tear resistant
- Low-temp flexibility, exceptional tensile strength and elongation properties
- Available in three colors
- Available in FR
- UL Classified

Available Colors

Black, Buff, White

See page 88 for color reference



Polyflex®



PRODUCT DATA

| | |
|---------------------------|-----------------------------|
| Coverage (Approx) | 100 sq ft |
| Weight (Approx) | 85 lbs |
| Thickness (Nominal) | 4.0mm; 160 mils |
| Roll Size | 32'10" x 39 3/8" (10m x 1m) |
| Rolls/Pallet | 23 |

- Premium, polyester reinforced APP modified bitumen base, interply or cap sheet
- Specially designed for heat-welded applications
- Designed for use as a base, interply or cap sheet
- Easy to install as part of a multi-ply roof system
- Smooth surface with a polyolefin backing
- Available in 5.0mm
- UL Classified
- FM Approved

Features and Benefits

- Exceptional weathering characteristics
- Puncture and tear resistant
- Low-temp flexibility, exceptional tensile strength and elongation properties
- Type II available

Polyflex® G



PRODUCT DATA

| | |
|---------------------------|-----------------------------|
| Coverage (Approx) | 100 sq ft |
| Weight (Approx) | 110 lbs |
| Thickness (Nominal) | 4.5mm; 180 mils |
| Roll Size | 32'10" x 39 3/8" (10m x 1m) |
| Rolls/Pallet | 20 |

- Premium, polyester reinforced APP modified bitumen cap sheet
- Specially designed for heat-welded applications
- Easy to install as part of a multi-ply roof system
- Granule surface with a polyolefin backing
- UL Classified
- FM Approved

Features and Benefits

- Exceptional weathering characteristics
- Puncture and tear resistant
- Low-temp flexibility, exceptional tensile strength and elongation properties
- Available in 10 colors to match most shingles
- Available in FR
- Type II available

Available Colors

Black, Buff, Chestnut, Gray Slate, Heather Blend, Oak, Pine Green, Red Blend, Weatherwood, White

See page 88 for color reference

Polyglass APP Base



PRODUCT DATA

| | |
|---------------------------|----------------------------|
| Coverage (Approx) | 200 sq ft |
| Weight (Approx) | 86 lbs |
| Thickness (Nominal) | 2.0mm; 80 mils |
| Roll Size | 65'8" x 39 3/8" (20m x 1m) |
| Rolls/Pallet | 20 |

- APP modified bitumen base sheet
- Reinforced with a fiberglass mat
- Specially designed for use as a base ply or interply layer in mechanically attached or heat-welded applications
- Easy to install as part of a multi-ply roof system
- Can also be used as a base sheet for self-adhered systems
- The top and bottom surfaces are finished with polyolefin film
- UL Classified

Features and Benefits

- Proprietary APP compound weathering surface
- Fiberglass reinforced; puncture and tear resistant
- Superior flexibility and dimensional stability



APP MEMBRANES

| | ASTM | Use | Surface | Thickness |
|--------------------|-------|-----------------------------|----------|-------------------|
| Duflex | D6223 | Base, Interply or Cap Sheet | Sand | 4.0mm; 160mils |
| Duflex G | D6223 | Cap Sheet | Granules | 4.5mm; 180mils |
| Polybond | D6222 | Base, Interply or Cap Sheet | Sand | 3.5mm; 140mils |
| Polybond G | D6222 | Cap Sheet | Granules | 4.0mm; 160mils |
| Polyflex | D6222 | Base, Interply or Cap Sheet | Sand | 4.0mm; 160mils |
| Polyflex G | D6222 | Cap Sheet | Granules | 4.5mm; 180mils |
| Polyglass APP Base | D6509 | Base or Interply Sheet | Film | 2.0mm; 80mils |



SBS Membranes



Elastobase®



PRODUCT DATA

| | |
|---------------------------|----------------------------|
| Coverage (Approx)..... | 200 sq ft |
| Weight (Approx) | 96 lbs |
| Thickness (Nominal) | 2.0mm; 80 mils |
| Roll Size | 65'8" x 39 3/8" (20m x 1m) |
| Rolls/Pallet..... | 20 |

- SBS modified bitumen base or interply sheet
- Reinforced with a fiberglass mat
- Specially designed for use as a base ply or interply layer in hot asphalt, cold-applied, mechanically attached and heat-welded applications
- Can also be used as a base sheet for self-adhered systems when poly film on top surface
- Top and bottom surfaces are available with: sand/poly, poly/sand, poly/poly, sand/sand
- UL Classified
- FM Approved

Features and Benefits

- Puncture and tear resistant
- Superior flexibility and dimensional stability

Elastobase® P



PRODUCT DATA

| | |
|---------------------------|----------------------------|
| Coverage (Approx)..... | 200 sq ft |
| Weight (Approx) | 94 lbs |
| Thickness (Nominal) | 2.0mm; 80 mils |
| Roll Size | 65'8" x 39 3/8" (20m x 1m) |
| Rolls/Pallet..... | 20 |

- SBS modified bitumen base or interply sheet
- Specially designed for hot asphalt, cold adhesive or heat welding (with burn-off polyethylene) applications
- Reinforced with a superior polyester mat
- Sanded surface except at the selvage edge
- Meant to be used as part of a multi-ply roofing system or flashing details
- Top and bottom surfaces are available with: sand/poly, poly/sand, poly/poly or sand/sand
- UL Classified
- FM Approved

Features and Benefits

- Exceptional long-term weathering performance
- Superior flexibility, puncture resistance and dimensional stability
- Ease of application over broad spectrum of substrates and conditions

Elastoflex® S6



Elastoflex® S6 G



PRODUCT DATA

| | |
|--------------------------|-----------------------------|
| Coverage (Approx)..... | 100 sq ft |
| Weight (Approx) | 80 lbs |
| Thickness (Nominal)..... | 3.0mm; 120 mils |
| Roll Size | 32'10" x 39 3/8" (10m x 1m) |
| Rolls/Pallet..... | 25 |

- SBS modified bitumen smooth base or interply sheet
- Specially designed for hot asphalt, cold adhesive or heat welding (with burn-off polyethylene) applications
- Reinforced with a superior polyester mat
- Meant to be used as part of a multi-ply roofing system or flashing details
- Top and bottom surfaces are available with: sand/poly, poly/sand, poly/poly, sand/sand
- Available in 2.5mm
- UL Classified
- FM Approved

Features and Benefits

- Exceptional long-term weathering performance
- Superior flexibility, puncture resistance and dimensional stability
- Ease of application over broad spectrum of substrates and conditions
- Type II available

PRODUCT DATA

| | |
|--------------------------|-----------------------------|
| Coverage (Approx)..... | 100 sq ft |
| Weight (Approx) | 102 lbs |
| Thickness (Nominal)..... | 4.0mm; 160 mils |
| Roll Size | 32'10" x 39 3/8" (10m x 1m) |
| Rolls/Pallet..... | 20 |

- SBS modified bitumen cap sheet
- Specially designed for hot asphalt, cold adhesive or heat welding (with burn-off polyethylene) applications
- Reinforced with a superior polyester mat
- Granular surface except at the selvage edge
- Meant to be used as part of a multi-ply roofing system or flashing details
- UL Classified
- FM Approved

Features and Benefits

- Exceptional long-term weathering performance
- Superior flexibility, puncture resistance and dimensional stability
- Available in FR
- Type II available

Available Colors

Black, Buff, Chestnut, Gray Slate, Heather Blend, Oak, Pine Green, Red Blend, Weatherwood, White

See page 88 for color reference

Elastoflex® V



PRODUCT DATA

| | |
|---------------------------|----------------------------|
| Coverage (Approx)..... | 150 sq ft |
| Weight (Approx) | 85 lbs |
| Thickness (Nominal) | 2.2mm; 90 mils |
| Roll Size | 49'2" x 39 3/8" (15m x 1m) |
| Rolls/Pallet..... | 25 |

- SBS modified bitumen base or interply sheet
- Reinforced with fiberglass
- Specially designed for hot asphalt, cold adhesive or heat welding (with burn-off polyethylene) applications
- Meant to be used as part of a multi-ply roofing system or flashing details
- Top and bottom surfaces are available with: sand/poly, poly/sand, poly/poly or sand/sand
- Available in 3.0mm
- UL Classified
- FM Approved

Features and Benefits

- Puncture and tear resistant
- Exceptional long-term weathering performance

Elastoflex® V G



PRODUCT DATA

| | |
|---------------------------|-----------------------------|
| Coverage (Approx)..... | 100 sq ft |
| Weight (Approx) | 90 lbs |
| Thickness (Nominal) | 3.5mm; 140 mils |
| Roll Size | 32'10" x 39 3/8" (10m x 1m) |
| Rolls/Pallet..... | 25 |

- SBS modified bitumen cap sheet
- Reinforced with fiberglass
- Specially designed for hot asphalt, cold adhesive or heat welding (with burn-off polyethylene) applications
- Granule surface except at the selvage edge
- Meant to be used as part of a multi-ply roofing system or flashing details
- UL Classified
- FM Approved

Features and Benefits

- Puncture and tear resistant
- Exceptional long-term weathering performance
- Available in FR

Available Colors

Black, Buff, Chestnut, Gray Slate, Heather Blend, Oak, Pine Green, Red Blend, Weatherwood, White

See page 88 for color reference

Elastoshield® TS



PRODUCT DATA

| | |
|--------------------------|----------------------------|
| Coverage (Approx)..... | 200 sq ft |
| Weight (Approx) | 102 lbs |
| Thickness (Nominal)..... | 4.0mm; 160 mils |
| Roll Size | 65'8" x 39 3/8" (20m x 1m) |
| Rolls/Pallet..... | 23 |

- SBS modified bitumen base or interply sheet
- Reinforced with polyester
- Specially designed for hot asphalt, cold adhesive or heat welding (with burn-off polyethylene) applications
- Meant to be used as part of a multi-ply roofing system or flashing details
- Top and bottom surfaces are available with: sand/poly, poly/sand, poly/poly or sand/sand

Features and Benefits

- Puncture and tear resistant
- Exceptional long-term weathering performance
- Type II available

Elastoshield® TS G



PRODUCT DATA

| | |
|--------------------------|-----------------------------|
| Coverage (Approx)..... | 100 sq ft |
| Weight (Approx) | 108 lbs |
| Thickness (Nominal)..... | 4.5mm; 180 mils |
| Roll Size | 32'10" x 39 3/8" (10m x 1m) |
| Rolls/Pallet..... | 20 |

- SBS modified bitumen cap sheet
- Reinforced with polyester
- Specially designed for hot asphalt, cold adhesive or heat welding (with burn-off polyethylene) applications
- Granule surface except at the selvage edge
- Meant to be used as part of a multi-ply roofing system or flashing details
- UL Classified
- FM Approved

Features and Benefits

- Puncture and tear resistant
- Exceptional long-term weathering performance
- Available in FR
- Type II available

Available Colors

Black, Buff, Chestnut, Gray Slate, Heather Blend, Oak, Pine Green, Red Blend, Weatherwood, White

See page 88 for color reference

Elastoshield® S6 HT



PRODUCT DATA

| | |
|---------------------------|----------------------------|
| Coverage (Approx)..... | 150 sq ft |
| Weight (Approx) | 96 lbs |
| Thickness (Nominal) | 2.6mm; 104 mils |
| Roll Size | 49'2" x 39 3/8" (15m x 1m) |
| Rolls/Pallet..... | 25 |

- Premium SBS modified bitumen base or interply sheet
- Reinforced with high strength combination fiberglass and polyester mat
- Specially designed for hot asphalt, cold adhesive mechanically-fastened or heat welding (with burn-off polyethylene) applications
- Saturated and coated with a proprietary rubberized asphaltic compound
- Sand/sand, poly/sand, or poly/poly film surface and bottom surfacing options
- Meant to be used as part of a multi-ply roofing system or flashing details
- UL Classified
- FM Approved

Features and Benefits

- Puncture and tear resistant
- Exceptional long-term weathering performance

Elastoshield® S6 HT G



PRODUCT DATA

MOP

| | |
|---------------------------|-----------------------------|
| Coverage (Approx)..... | 100 sq ft |
| Weight (Approx) | 90 lbs |
| Thickness (Nominal) | 3.5mm; 140 mils |
| Roll Size ... | 32'10" x 39 3/8" (10m x 1m) |
| Rolls/Pallet..... | 25 |

TORCH

| | |
|---------------------------|-----------------------------|
| Coverage (Approx)..... | 100 sq ft |
| Weight (Approx) | 114 lbs |
| Thickness (Nominal) | 4.5mm; 180 mils |
| Roll Size ... | 32'10" x 39 3/8" (10m x 1m) |
| Rolls/Pallet..... | 20 |

- Premium SBS modified bitumen cap sheet
- Reinforced with high strength combination fiberglass and polyester mat
- Specially designed for hot asphalt, cold adhesive mechanically-fastened or heat welding (with burn-off polyethylene) applications
- Saturated and coated with a proprietary rubberized asphaltic compound
- Granule surface except at the selvage edge
- Meant to be used as part of a multi-ply roofing system or flashing details

Features and Benefits

- Puncture and tear resistant
- Exceptional long-term weathering performance
- Available in FR

Available Colors

Black, Buff, White

See page 88 for color reference

SBS MEMBRANES

| | ASTM | Use | Surface | Thickness |
|-------------------------------|-------|------------------------|--------------|-------------------|
| Elastobase | D6163 | Base or Interply Sheet | Film or Sand | 2.0mm; 80mils |
| Elastobase P | D6164 | Base or Interply Sheet | Film or Sand | 2.0mm; 80mils |
| Elastoflex S6 | D6164 | Base or Interply Sheet | Granules | 3.0mm; 120mils |
| Elastoflex S6 G | D6164 | Cap Sheet | Granules | 4.0mm; 160mils |
| Elastoflex V | D6163 | Base or Interply Sheet | Film or Sand | 2.2mm; 90mils |
| Elastoflex V G | D6163 | Cap Sheet | Granules | 3.5mm; 140mils |
| Elastoshield TS | D6164 | Base or Interply Sheet | Film or Sand | 4.0mm; 160mils |
| Elastoshield TS G | D6164 | Cap Sheet | Granules | 4.5mm; 180mils |
| Elastoshield S6 HT | D6162 | Base or Interply Sheet | Film or Sand | 2.6mm; 104mils |
| Elastoshield S6 HT G MOP | D6162 | Cap Sheet | Granules | 3.5mm; 140mils |
| Elastoshield S6 HT G TORCH | D6162 | Cap Sheet | Granules | 4.5mm; 180mils |



Base, Felt & Synthetic Membranes



Polyanchor



PRODUCT DATA

| | |
|------------------------|---------------------------|
| Coverage (Approx)..... | 1000 sq ft |
| Weight (Approx) | 34 lbs |
| Roll Size | 250' x 48" (76.2m x 1.2m) |
| Rolls/Pallet..... | 36 |

- Anchor sheet for Polyglass self-adhered, multi-ply systems

Features and Benefits

- Skid-resistant polymer coating and proprietary walking surface
- Resistant to tearing and stretching around fasteners in high traffic areas
- Lighter than organic felts and easier to handle during all stages of installation
- Superior lay-flat properties and water resistance

Polyglass G2 Base



PRODUCT DATA

| | |
|------------------------|------------------------------|
| Coverage (Approx)..... | 300 sq ft |
| Weight (Approx) | 81 lbs |
| Roll Size | 99'2" x 39 3/8" (30.2m x 1m) |
| Rolls/Pallet..... | 20 |

- Premium, inorganic, fiberglass mat reinforced base or interply sheet saturated and coated with a weathering grade asphalt
- The top surface is coated with a fine mineral parting agent to prevent sticking in the roll
- Designed as an ideal first roofing ply in SBS/APP modified or BUR roofing systems
- Can be installed over a variety of substrates

Features and Benefits

- ASTM D4601
- Strong, resilient base sheet with exceptional nail holding performance and puncture resistance
- Wrinkle resistant; will lay flat for easy install
- Consistent thickness on both sides eliminates pinholes preventing asphalt bleed through

Polyglass Ply IV



PRODUCT DATA

| | |
|-------------------------|-----------------------------|
| Coverage (Approx) | 500 sq ft |
| Weight (Approx) | 44 lbs |
| Roll Size | 162'2" x 39 3/8" (49m x 1m) |
| Rolls/Pallet..... | 25 |

- Manufactured with a heavyweight fiberglass mat containing heat-cured resinous binders
- High strength glass mat is saturated with asphalt
- Designed as an interply in hot mopped roofing applications
- Ply sheet for BUR and hybrid BUR roofs

Features and Benefits

- ASTM D2178 Type IV
- Puncture and tear resistant
- Superior pliability and dimensional stability
- Wrinkle resistant; will lay flat for easy install
- Excellent strength and weathering characteristics, as well as a uniform porosity for ease in application

Polyglass Ply VI



PRODUCT DATA

| | |
|-------------------------|-----------------------------|
| Coverage (Approx) | 500 sq ft |
| Weight (Approx) | 48 lbs |
| Roll Size | 162'2" x 39 3/8" (49m x 1m) |
| Rolls/Pallet..... | 25 |

- Manufactured with a heavyweight fiberglass mat containing heat-cured resinous binders
- High strength glass mat is saturated with asphalt
- Designed as an interply used in hot mopped roofing applications
- Ply sheet for BUR and hybrid BUR roofs

Features and Benefits

- ASTM D2178 Type VI
- Puncture and tear resistant
- Superior pliability and dimensional stability
- Wrinkle resistant; will lay flat for easy install
- Excellent strength and weathering characteristics, as well as a uniform porosity for ease in application



Synthetic & Felt Membranes

| | ASTM | Use | Surface |
|-------------------|-------|------------------------|-----------|
| Polyanchor | D226 | Anchor Sheet | Synthetic |
| Polyglass G2 Base | D4601 | Base or Interply Sheet | Sand |
| Polyglass Ply IV | D2178 | Interply | n/a |
| Polyglass Ply VI | D2178 | Interply | n/a |



Polystick[®] Roof Underlayments



Polystick® IR-Xe



PRODUCT DATA

| | |
|--------------------------|-----------------|
| Coverage (Approx)..... | 2 squares |
| Weight (Approx) | 60 lbs |
| Thickness (Nominal)..... | 1.5mm (60 mils) |
| Roll Size | 65' x 36" |
| Rolls/Pallet..... | 20 |

- Rubberized asphalt roof underlayment
- Fiberglass reinforcement
- For use in ice and water protection applications
- The rubberized asphalt seals around correctly installed nails on the weathering surface
- Manufactured with ADESO Technology

Features and Benefits

- ASTM D1970
- Available in sand or black mineral surface
- Features sand- and granule-free selvage edge
- Exceptional dimensional stability
- Surface engineered for superior slip resistance and long-term performance
- Aggressive self-adhesive compound for ease of application
- Features a split release backing film that aids in easy positioning of sheets
- Available in shrink wrap packaging

Polystick® MU-X



PRODUCT DATA

| | |
|--------------------------|------------------|
| Coverage (Approx)..... | 2 squares |
| Weight (Approx) | 60 lbs |
| Thickness (Nominal)..... | 1.35mm (54 mils) |
| Roll Size | 65' x 36" |
| Rolls/Pallet..... | 20 |

- Rubberized asphalt roof underlayment
- Fiberglass reinforcement
- Polymer film on the upper surface
- Ideally suited as an underlayment for metal, but can also be used under concrete or clay tile (mechanically fastened to a batten system), shingle roofing
- Specially formulated for use in high temperatures
- Manufactured with ADESO Technology

Features and Benefits

- ASTM D1970
- Proprietary asphalt compound and fiberglass mat for exceptional dimensional stability
- Surface engineered for superior slip resistance and long-term performance
- Approved for environments to 250° F
- Exposure rating to 90 days

Polystick® MTS



PRODUCT DATA

| | |
|--------------------------|----------------------------|
| Coverage (Approx)..... | 200 sq ft |
| Weight (Approx)..... | 70 lbs |
| Thickness (Nominal)..... | 1.5mm (60 mils) |
| Roll Size..... | 65'8" x 39 3/8" (20m x 1m) |
| Rolls/Pallet..... | 20 |

- Rubberized asphalt roof underlayment
- Fiberglass reinforcement
- Polymer film on the upper surface
- Ideally suited as an underlayment for metal, but can also be used under concrete or clay tile (mechanically fastened to a batten system), shingle roofing
- Specially formulated for use in high temperatures
- Manufactured with ADESO Technology

Features and Benefits

- ASTM D1970
- Features film-free selvage edge
- Proprietary asphalt compound and fiberglass mat for exceptional dimensional stability
- Surface engineered for superior slip resistance and long-term performance
- Approved for environments to 265° F
- Exposure rating to 180 days

Polystick® MTS Plus



PRODUCT DATA

| | |
|--------------------------|----------------------------|
| Coverage (Approx)..... | 200 sq ft |
| Weight (Approx)..... | 70 lbs |
| Thickness (Nominal)..... | 1.5mm (60 mils) |
| Roll Size..... | 65'8" x 39 3/8" (20m x 1m) |
| Rolls/Pallet..... | 20 |

- Rubberized asphalt roof underlayment
- Fiberglass reinforcement
- Polyolefinic film on the upper surface
- Ideally suited as an underlayment for metal, but can also be used under concrete or clay tile (mechanically fastened to a batten system), shingle roofing
- Specially formulated for use in high temperatures
- Manufactured with ADESO Technology

Features and Benefits

- ASTM D1970
- Proprietary asphalt compound and fiberglass mat for exceptional dimensional stability
- Surface engineered for superior slip resistance and long-term performance
- Approved for environments to 265° F
- Exposure rating to 180 days

Polystick® TU Max



PRODUCT DATA

| | |
|---------------------------|----------------------------|
| Coverage (Approx)..... | 200 sq ft |
| Weight (Approx) | 56 lbs |
| Thickness (Nominal) | 1.5mm (60 mils) |
| Roll Size | 65'8" x 39 3/8" (20m x 1m) |
| Rolls/Pallet..... | 20 |

- Rubberized asphalt roof underlayment
- Meant for use as an underlayment in adhesive foam or mechanically fastened roof tile applications
- Designed specifically for use in high temperature roof tile applications

Features and Benefits

- ASTM D1970
- High performance underlayment for most steep roof coverings
- Approved for foam and mechanically-fastened roof tile applications and most discontinuous roof coverings
- High strength reinforced polyester surface providing extreme tear resistance
- Skid resistant surface
- Superior tear resistance

Polystick® TU Plus



PRODUCT DATA

| | |
|---------------------------|----------------------------|
| Coverage (Approx)..... | 200 sq ft |
| Weight (Approx) | 75 lbs |
| Thickness (Nominal) | 2.0mm (80 mils) |
| Roll Size | 65'8" x 39 3/8" (20m x 1m) |
| Rolls/Pallet..... | 20 |

- Rubberized asphalt roof underlayment
- Fiberglass reinforcement
- Designed specifically for use in high temperature roof tile applications
- Rubberized asphalt seals around correctly installed nails on the weathering surface
- Manufactured with ADESO Technology

Features and Benefits

- ASTM D1970
- Designed for use in roof applications where tiles may be stacked on rooftops for extended periods of time
- Features a split release backing film aids in the easy positioning of sheets to maintain proper line
- Features SEAllap, a factory-applied adhesive treatment at the product overlap
- Approved for environments to 265° F
- Exposure rating to 180 days

POLYSTICK® ROOF UNDERLAYMENTS

| | Surface | Coverage Approx (sq ft) | Use |
|--------------------|------------------|-------------------------------|---------------------------------------|
| Polystick IR-Xe | Sand or Mineral | 195 | Shingle |
| Polystick MU-X | Film | 195 | Shingle Tile Metal High Temp |
| Polystick MTS | Film | 200 | Tile |
| Polystick MTS Plus | Film | 200 | Tile |
| Polystick TU Max | Polyester Fabric | 200 | Shingle Tile Metal High Temp |
| Polystick TU Plus | Polyester Fabric | 200 | Shingle Tile Metal High Temp |

A person wearing a dark t-shirt, light-colored cargo pants, and work boots is using a long-handled tool, possibly a trowel or screed, on a concrete surface. The person is leaning forward, and the tool is in contact with the ground. The background shows a concrete wall and a doorway. The entire image has a dark teal overlay.

Protective Coatings

PG 200



PG 300



PACKAGING

4.75 Gallon (18.0 Liters) Pail

- Contractor grade, non-fibered, non-polymer modified asphalt roof coating
- Ideal as a damp-proofing compound for below grade walls and as a protective coating on the inside of planter boxes
- Serves as a protective surface for metal roofing, masonry, stucco, parapet walls, curbs and base flashings

Features and Benefits

- ASTM D4479
- Safer, more efficient alternative to hot asphalt
- Designed to be used on smooth surface BUR, polymer-modified bituminous membranes, and roll-roofing membranes as a protective coating

PACKAGING

4.75 Gallon (18.0 Liters) Pail

- Contractor grade, fibered, non-polymer modified asphalt roof coating
- Ideal as a damp-proofing compound for below grade walls and as a protective coating on the inside of planter boxes
- Designed to be used on smooth surface BUR, polymer-modified bituminous membranes, and roll-roofing membranes as a protective coating

Features and Benefits

- ASTM D4479
- Contractor grade, fibered, non-polymer modified asphalt roof coating
- Designed to be used on smooth surface BUR, polymer-modified bituminous membranes, and roll-roofing membranes as a protective coating



An aerial photograph of a field with various colored sections, overlaid with a teal and dark green color scheme. The text "Aluminum Coatings" is prominently displayed in white on the left side.

Aluminum Coatings



Polyplus® 60



PG 600



PACKAGING

4.75 Gallon (18.0 Liters) Pail

- Premium non-fibered aluminum roof coating
- Premium reflective coating designed to protect a variety of asphalt-based roofs and most metal roof substrates
- Aluminum flakes leaf to the surface, forming a reflective, metallic shield over the base roof material
- Contains a soft-settle formulation for easier mixing
- Specifically formulated to be compatible with Polyglass roofing membranes

Features and Benefits

- ASTM D2824
- Bright aluminum finish reflects damaging heat and UV radiation to prolong the service life of the roofing system
- Features aluminum barrier that prevents asphaltic oils from being “baked” out of the base coating by the sun
- Bonds tenaciously to the base material
- Offers excellent weathering characteristics to prevent prematurely crack or dry out
- Non-destructive to asphalt based roofing membranes

PACKAGING

4.75 Gallon (18.0 Liters) Pail

- Non-fibered aluminum roof coating
- Quality reflective coating designed to protect a variety of asphalt-based roofs and most metal roof substrates
- Aluminum flakes leaf to the surface, forming a reflective, metallic shield over the base roof material
- Contains a soft-settle formulation for easier mixing
- Specifically formulated to be compatible with Polyglass roofing membranes

Features and Benefits

- ASTM D2824
- Bright aluminum finish reflects damaging heat and UV radiation to prolong the service life of the roofing system
- Features aluminum barrier that prevents asphaltic oils from being “baked” out of the base coating by the sun
- Bonds tenaciously to the base material
- Offers excellent weathering characteristics to prevent prematurely crack or dry out
- Non-destructive to asphalt based roofing membranes

Polyplus® 65



MIAMI-DADE COUNTY APPROVED

PACKAGING

4.75 Gallon (18.0 Liters) Pail

- Premium quality reflective coating
- Designed to protect a variety of asphalt-based roofs
- Aluminum flakes leaf to the surface, forming a reflective, metallic shield over the base roof material
- Includes special reinforcing fibers for longer lasting reflectivity and greater durability
- Contains a soft-settle formulation for easier mixing
- Specifically formulated to be compatible with Polyglass roofing membranes

Features and Benefits

- ASTM D2824
- Bright aluminum finish reflects damaging heat and UV radiation to prolong the service life of the roofing system
- Features aluminum barrier that prevents asphaltic oils from being “baked” out of the base coating by the sun
- Bonds tenaciously to the base material
- Includes special reinforcing fibers that “push” the aluminum flakes to the surface for longer lasting reflectivity and greater durability
- Offers excellent weathering characteristics to prevent prematurely crack or dry out
- Non-destructive to asphalt based roofing membranes
- Asbestos free – 100% recycled cellulose fibers

PG 650



MIAMI-DADE COUNTY APPROVED

PACKAGING

4.75 Gallon (18.0 Liters) Pail

- Fibered aluminum roof coating
- Reflective coating designed to protect a variety of asphalt-based roofs
- Aluminum flakes leaf to the surface, forming a reflective, metallic shield over the base roof material
- Includes special reinforcing fibers for longer lasting reflectivity and greater durability
- Contains a soft-settle formulation for easier mixing
- Specifically formulated to be compatible with Polyglass roofing membranes

Features and Benefits

- ASTM D2824
- Bright aluminum finish reflects damaging heat and UV radiation to prolong the service life of the roofing system
- Features aluminum barrier that prevents asphaltic oils from being “baked” out of the base coating by the sun
- Bonds tenaciously to the base material
- 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



Primers, Adhesives & Asphaltic Cements



WB-3000



MIAMI-DADE COUNTY APPROVED

PACKAGING

1 Gallon (3.79 Liters) Can
5 Gallon (18.9 Liters) Pail

- 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 roof products
- Thin solution penetrates pores and dries quickly to provide a tacky surface

Features and Benefits

- Low VOC and low odor
- One-component, versatile primer for a wide variety of substrate conditions
- Single-coat application
- Easy to handle and apply

PG 100



MIAMI-DADE COUNTY APPROVED

PACKAGING

14 oz Spray Can
1 Gallon (3.79 Liters) Can
4.75 Gallon (18.0 Liters) Pail

- 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

Features and Benefits

- ASTM D41
- Designed to promote superior adhesion of roofing materials
- 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

PG 800



MIAMI-DADE COUNTY APPROVED

PACKAGING

4.75 Gallon (18.0 Liters) Pail
50 Gallon (189.3 Liters) Drums
275 Gallon Totes and Bulk (call for availability)

- Asphalt-based, clay emulsion product
- Can be used as a protective roof coating over smooth surfaced asphalt built-up and modified bitumen membranes
- Can be used as a base coat for reflective coatings
- Does not flow when applied in thick coatings and when dry, will stay in place even when exposed to elevated temperatures

Features and Benefits

- ASTM D1227
- High flexibility to accommodate temperature-related expansion and contraction of the roof system
- Exceptional weathering characteristics over a wide range of challenging temperatures and weather conditions
- Non-destructive to conventional asphalt based roofing membranes
- Asbestos free

PG 801



PACKAGING

4.75 Gallon (18.0 Liters) Pail
50 Gallon (189.3 Liters) Drums
275 Gallon Totes and Bulk (call for availability)

- Asphalt-based, clay emulsion product
- Can be used as a protective roof coating over smooth surfaced asphalt built-up and modified bitumen membranes
- Can be used as a base coat for reflective coatings
- Does not flow when applied in thick coatings and when dry, will stay in place even when exposed to elevated temperatures

Features and Benefits

- ASTM D1227
- High flexibility to accommodate temperature-related expansion and contraction of the roof system
- Exceptional weathering characteristics over a wide range of challenging temperatures and weather conditions
- Non-destructive to conventional asphalt based roofing membranes
- Asbestos free

Polyplus® 35



MIAMI-DADE COUNTY APPROVED

PACKAGING

4.75 Gallon (18.0 Liters) Pail

- 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

Features and Benefits

- ASTM D3019
- 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
- Asbestos free

PG 350



MIAMI-DADE COUNTY APPROVED

PACKAGING

4.75 Gallon (18.0 Liters) Pail

- Formulated for use as a 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

Features and Benefits

- ASTM D3019
- 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
- Asbestos free

Polyplus® 50



MIAMI-DADE COUNTY APPROVED

PACKAGING

2.8 Gallon (11.0 Liters) Pail
4.75 Gallon (18.0 Liters) Pail

- Premium modified wet/dry cement for use in a wide variety of roofing applications such as SBS roofing systems
- Can be used with other membrane systems and conditions which are wet, damp, or underwater
- Heavy, "trowel-grade" consistency making it ideal for flashing details, attachment of membrane to steep slopes and parapet walls and a variety of waterproofing repairs
- Flexibility and elasticity make it superior to standard plastic cements especially where there are moving joints.
- Contains special additives that enhance spreadability allowing for more linear feet applied per hour

Features and Benefits

- ASTM D4586/ASTM D3409
- Excellent for a wide variety of emergency repairs – even in standing water
- High flexibility to accommodate temperature-related expansion and contraction of the roof system
- Eliminates the need for kettles and torches
- Interlocking fiber matrix assures uniform, excellent adhesion
- When used on a vertical surface at high temperatures, exhibits excellent flow resistance.
- Non-destructive to asphalt based roofing membranes
- Asbestos free

PG 500



MIAMI-DADE COUNTY APPROVED

PACKAGING

10.1 oz (0.3 Liters) Cartridge
4.75 Gallon (18.0 Liters) Pail

- Quality formulation suitable for use as a cold-applied bonding agent for SBS roofing systems as well as various other membrane systems
- Heavy, "trowel-grade" consistency making it ideal for flashing details, attachment of membrane to steep slopes and parapet walls and a variety of waterproofing repairs
- Flexibility and elasticity make it superior to standard plastic cements especially where there are moving joints

Features and Benefits

- ASTM D4586
- High flexibility to accommodate temperature-related expansion and contraction of the roof system
- Great bonding strength
- Remains highly flexible, resilient and durable through all seasons
- Eliminates the need for kettles and torches
- Interlocking fiber matrix assures uniform, excellent adhesion
- When used on a vertical surface at high temperatures, exhibits excellent flow resistance
- Non-destructive to asphalt based roofing membranes
- Asbestos free

PG 400



PACKAGING

2.8 Gallon (11.0 Liters) Pail

4.75 Gallon (18.0 Liters) Pail

- General purpose plastic roof cement formulation for use as a cold-applied sealing and repair material in many types of non-polymer modified roof membranes
- Has a “trowel-grade” consistency making this product ideal for flashing details and a variety of waterproofing repairs, such as moving joints and roof penetrations
- Superior formulation that will not separate
- Not recommended for use with polymer-modified bitumen, thermoplastic, or thermoset membranes

Features and Benefits

- ASTM D4586
- High flexibility to accommodate temperature-related expansion and contraction of the roof system
- Interlocking fiber matrix assures uniform, excellent adhesion
- Exhibits excellent sag resistance when used on vertical surfaces, even at high temperatures
- Non-destructive to conventional asphalt based roofing membranes
- Asbestos free

PG 425



PACKAGING

2.8 Gallon (11.0 Liters) Pail

4.75 Gallon (18.0 Liters) Pail

- General purpose wet and dry roof cement formulation for wet weather repair of roof leaks
- Heavy, “trowel-grade” consistency 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
- Not recommended for use with polymer-modified bitumen, thermoplastic, or thermoset membranes

Features and Benefits

- ASTM D4586/ASTM D3409
- Contains a specific additive that displaces standing water from wet surfaces to create a tight seal
- High flexibility to accommodate temperature-related expansion and contraction of the roof system
- Great bonding strength
- Eliminates the need for kettles and torches
- Interlocking fiber matrix assures uniform, excellent adhesion
- Asbestos free

Polyplus® 45



PACKAGING

4.75 Gallon (18.0 Liters) Pail

- Premium Flashing cement for non-modified roofing membranes
- Repairing flashings, asphalt shingles, conventional built-up roofs, metal and masonry surfaces
- Sealing leaks and openings at flashings (chimneys, vents, skylights, metal joints, gutters and similar objects used in constructing structuring built-up flashings)
- Positive side damp proofing of concrete, masonry walls a foundations
- Not recommended for use with polymer-modified bitumen, thermoplastic, or thermoset membranes

Features and Benefits

- ASTM D4586
- Pliable, will accommodate temperature-related expansion and contraction of the roof system.
- Provides exceptional weathering characteristics over a wide range of challenging temperatures and weather conditions.
- Interlocking fiber matrix assures uniform, excellent adhesion
- Exhibits excellent sag resistance when used on vertical surfaces, even at high temperatures
- Non-destructive to asphalt based roofing membranes
- Asbestos free

PG 450



PACKAGING

4.75 Gallon (18.0 Liters) Pail

- Flashing cement for non-modified roofing membranes
- Repairing flashings, asphalt shingles, conventional built-up roofs, metal and masonry surfaces
- Sealing 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
- Not recommended for use with polymer-modified bitumen, thermoplastic, or thermoset membranes

Features and Benefits

- ASTM D4586
- Pliable, will accommodate temperature-related expansion and contraction of the roof system
- Provides exceptional weathering characteristics over a wide range of challenging temperatures and weather conditions
- Interlocking fiber matrix assures uniform, excellent adhesion
- Exhibits excellent sag resistance when used on vertical surfaces, even at high temperatures
- Non-destructive to asphalt based roofing membranes
- Asbestos free

The background features a dark teal, monochromatic image of a wooden surface. Three rolls of material, likely paper or fabric, are arranged diagonally from the top right towards the bottom right. The rolls are partially unrolled, showing concentric layers. The lighting is soft, creating subtle shadows and highlights on the wood grain and the edges of the rolls.

Accessories



Polykool® Tape



- Specially formulated release film tape to treat all details of a Polykool roof system (to include all seams and flashing)
- Seals to itself so it can be cut and folded around an object
- Uses advanced MicroSealant Technology, a 100% solids formulation of synthetic resins, thermoplastic and non-curing rubber (not butyl) with a built-in primer
- Bonded to a UV stable backing
- Protected by a silicone release liner, to be removed prior to application

Polybrite® Reinforcing Cotton



- Standard grade asphalt saturated fabric designed for use in reinforcing seam mastics
- Cotton is light weight, durable loomed membrane thoroughly saturated with selected asphalts
- Provides a firm mechanical bond between the coating, and insuring long life of application
- Excellent repair fabric for both new and old construction in roofing and waterproofing applications
- Black in color and available in standard slit widths of 4 inch, 6 inch and 12 inch by 150 linear feet rolls

Polyglass Detail & Repair Finish



- Available in 1-gallon cans, or 5-gallon pails
- Spray brush or roller application
- Extends the life and enhances performance of roof systems
- Water based and environmentally friendly

Polybrite® FMT



- Available in 5-gallon pail
- When mixed with Polybrite silicone roof coatings, the resulting compound can increase vertical hold for most surfaces and various roofing types
- Applicator can quickly and easily mix this product into Polybrite silicone roof coatings using hand tools
- Applicator can determine desired level of thickness by volume (recommended 20%-50% by volume)

Polybrite® Reinforcing Polyester



- Stitchbond, light weight, high performance polyester fabric
- Designed for use in reinforcing seam mastics on metal roofing projects such as Polybrite 72 Flashing compound
- Flexible nature allows ease of application over the critical corrugations and laps found in metal roofing
- White in color and available in standard slit widths of 6 inch, 12 inch, 18 inch and 40 inch by 324 linear feet rolls

PG Granules



- Available in 50 lb, 5-gallon pails
- High quality mineral granules as used on mineral-surfaced membrane products
- Tough, dense, ceramic-coated particles that are weather and UV resistant.
- Composed of a granite-like mineral permanently coated with various pigments to match Polyglass membrane products

Available Colors

Black, Buff, Chestnut, Gray Slate, Heather Blend, Oak, Pine Green, Red Blend, Weatherwood, White

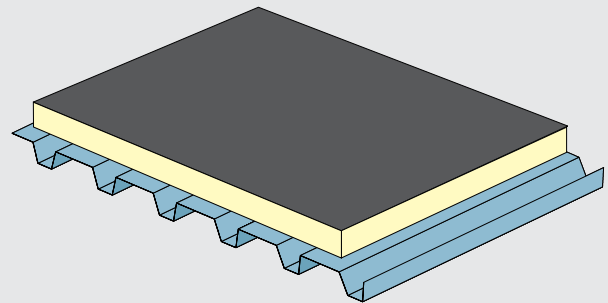
See page 88 for color reference

Polybrite® Reinforcing Fiberglass



- Woven fabric 20 x 10 mesh, made of yarns of inert, flexible filaments of pure glass saturated with asphalt
- Black in color and available in standard slit widths of 4 inch and 6 inch by 150 linear feet rolls

Polytherm®



PRODUCT DATA

Available in 4' x 4' or 4' x 8'

- Highly energy efficient rigid insulation board composed of a closed-cell Polyisocyanurate foam core laminated to a fiber reinforced black non-asphaltic organic facer for superior bonding characteristics
- Manufactured with a facer ideally suitable for many types of roofing products, including the direct application of ADESO dual compound self-adhesive membranes under most project circumstances

A person wearing a white protective suit and a mask is using a handheld device, possibly a water sampling pump or a similar instrument, on the deck of a boat. The background shows the boat's structure and a body of water. The entire image has a teal color overlay.

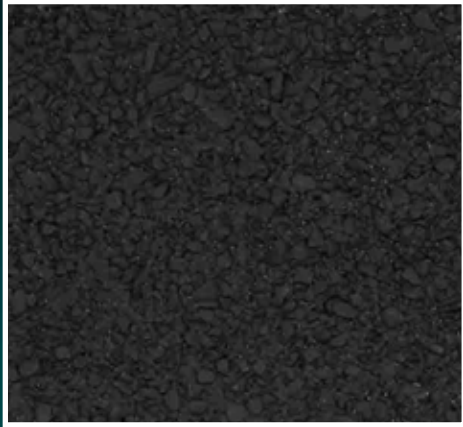
Reference Information

POLYGLIA



COLOR SELECTION CHART

BLACK



BUFF



HEATHER BLEND



OAK



WEATHERWOOD



CHESTNUT



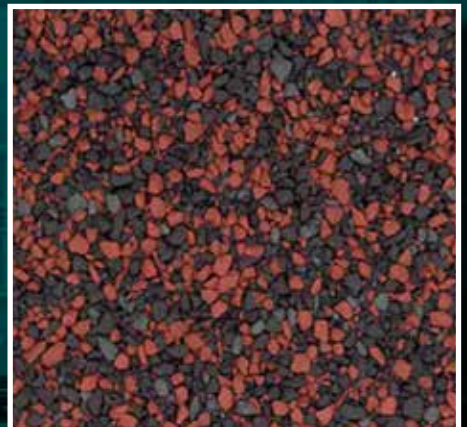
GRAY SLATE



PINE GREEN



RED BLEND



WHITE



ASTM

| D1970 | D2178 | D4601 | D6162 | D6163 |
|---|--------------------------------------|-------------------|--|--|
| Polystick IR-Xe Polystick MU-X Polystick MTS Polystick MTS Plus Polystick TU Max Polystick TU Plus | Polyglass Ply IV Polyglass Ply VI | Polyglass G2 Base | Elastoshield S6 HT Elastoshield S6 HT G | Elastobase Elastoflex SA V Elastoflex SA V FR Elastoflex V Elastoflex VG Elastoflex VG FR |

ASTM

| D6164 | D6222 | D6223 | D6509 |
|---|---|--------------------|----------------|
| Elastoflex S6 Elastoflex S6 G Elastoflex S6 G FR Elastoflex SA P Elastoflex SA P FR Elastoshield TS G Elastoshield TS G FR Polyfresko G SBS Polyfresko G SBS SA | Polybond Polybond G Polyflex Polyflex G Polyflex G FR Polyflex SA P Polyflex SA P FR Polyfresko G Polyfresko G SA Polykool | Duflex Duflex G | Polyglass Base |

TRADITIONAL SBS AND APP MODIFIED BITUMEN SHEETS

| ASTM Standard Description | D6162 <i>SBS with Combination of Polyester and Glass Fiber Reinforcements</i> | | D6163 <i>SBS with Glass Fiber Reinforcements</i> | | D6164 <i>SBS with Polyester Reinforcements</i> | |
|--------------------------------|---|-----------|--|-----------|--|-----------|
| Testing Methods: | | | | | | |
| Definitions/Terminology | D1079 | | D1079 | | D1079 | |
| Sampling and Testing | D5147 | | D5147 | | D5147 | |
| | Type 1 | Type 2 | Type 1 | Type 2 | Type 1 | Type 2 |
| Thickness, Min (S) - mm (mils) | 1.8 (70) | 2.0 (80) | 2.0 (80) | 2.0 (80) | 2.2 (85) | 2.9 (115) |
| Thickness, Min (G) - mm (mils) | 2.8 (110) | 3.3 (130) | 2.4 (95) | 2.7 (105) | 3.3 (130) | 3.3 (130) |





SELF-ADHERED TECHNOLOGY

| ASTM Standard Description | D6162/D1970 <i>SBS with Combination of Polyester and Glass Fiber Reinforcements w/ Self-Adhesive Polymer Backing</i> | | D6163/D1970 <i>SBS with Glass Fiber Reinforcements w/ Self-Adhesive Polymer Backing</i> | | D6164/D1970 <i>SBS with Polyester Reinforcements w/ Self-Adhesive Polymer Backing</i> | |
|--------------------------------|--|-----------|---|-----------|---|-----------|
| Testing Methods: | | | | | | |
| Definitions/Terminology | D1079 | | D1079 | | D1079 | |
| Sampling and Testing | D5147 | | D5147 | | D5147 | |
| Sampling and Testing | D228 | | D228 | | D228 | |
| Sampling and Testing | E96 | | E96 | | E96 | |
| | Type 1 | Type 2 | Type 1 | Type 2 | Type 1 | Type 2 |
| Thickness, Min (S) - mm (mils) | 1.8 (70) | 2.0 (80) | 2.0 (80) | 2.0 (80) | 2.2 (85) | 2.9 (115) |
| Thickness, Min (G) - mm (mils) | 2.8 (110) | 3.3 (130) | 2.4 (95) | 2.7 (105) | 3.3 (130) | 3.3 (130) |

| D6221 <i>Reinforced Bituminous Flashing Any Asphalt/Any Reinforcement</i> | | D6222 <i>APP with Polyester Reinforcements</i> | | D6223/D6223M <i>APP with Combination of Polyester and Glass Fiber Reinforcements</i> | | D6509/D6509M <i>APP with Glass Fiber Reinforcements</i> | |
|---|----------|--|-----------|--|-----------|---|--------|
| D1079 | | D1079 | | D1079 | | D1079 | |
| D228 | | D5147 | | D5147 | | D5147 | |
| Type 1 | Type 2 | Type 1 | Type 2 | Type 1 | Type 2 | Type 1 | Type 2 |
| 3.3 (130) | 0.6 (25) | 3.5 (140) | 3.8 (150) | 3.5 (140) | 3.5 (140) | 1.8 (70) | n/a |
| n/a | n/a | 4.0 (160) | 4.3 (170) | 4.0 (160) | 4.0 (160) | N/A | n/a |

| ASTM Standard Description | D6162/D1970 <i>SBS with Combination of Polyester and Glass Fiber Reinforcements w/ Self-Adhesive Polymer Backing</i> | | D6163/D1970 <i>SBS with Glass Fiber Reinforcements w/ Self-Adhesive Polymer Backing</i> | | D6164/D1970 <i>SBS with Polyester Reinforcements w/ Self-Adhesive Polymer Backing</i> | | |
|--------------------------------------|--|-----------|---|-----------|---|-----------|--|
| Testing Methods: | | | | | | | |
| Definitions/Terminology | D1079 | | D1079 | | D1079 | | |
| Sampling and Testing | D5147 | | D5147 | | D5147 | | |
| Sampling and Testing | D228 | | D228 | | D228 | | |
| Sampling and Testing | E96 | | E96 | | E96 | | |
| | Type 1 | Type 2 | Type 1 | Type 2 | Type 1 | Type 2 | |
| Thickness, Min (S) - mm (mils) | 1.8 (70) | 2.0 (80) | 2.0 (80) | 2.0 (80) | 2.2 (85) | 2.9 (115) | |
| Thickness, Min (G) - mm (mils) | 2.8 (110) | 3.3 (130) | 2.4 (95) | 2.7 (105) | 3.3 (130) | 3.3 (130) | |

LOW SLOPE APPLICATION METHOD

| |  Torch Applied |  Hot Mopped |  Cold Applied |  Self-Adhered |
|--------------------|--|---|---|---|
| Duflex | X | | | |
| Duflex G | X | | | |
| Elastobase | X | X | X | |
| Elastobase P | X | X | X | |
| Elastoflex S6 | X | X | X | |
| Elastoflex S6 G | X | X | X | |
| Elastoflex SA P | | | | X |
| Elastoflex SA V | | | | X |
| Elastoflex V | X | X | X | |
| Elastoflex V G | X | X | X | |
| Elastoshield TS | X | X | X | |
| Elastoshield TS G | X | X | X | |
| Elastoshield S6 HT | X | X | X | |



LOW SLOPE APPLICATION METHOD

| |  Torch Applied |  Hot Mopped |  Cold Applied |  Self-Adhered |
|----------------------|--|---|---|---|
| Elastoshield S6 HT G | X | X | X | |
| Polybond | X | | | |
| Polybond G | X | | | |
| Polyflex | X | | | |
| Polyflex G | X | | | |
| Polyflex SA Base | | | | X |
| Polyflex SA P | | | | X |
| Polyfresko G | X | | | |
| Polyfresko G SA | | | | X |
| Polyfresko G SBS | X | X | X | |
| Polyfresko G SBS SA | | | | X |
| Polyglass Base | X | | | |
| Polykool | | | | X |

Kool Roof Solutions™

WHITE COATINGS







| | Product Type |  |  | VOC Compliant | Initial SRI |
|--------------|--------------------------------------|---|---|---------------|-------------|
| Polybrite 70 | Water-based Elastomeric Roof Coating | X | X | X | 110 |
| PG 700 | Water-based Elastomeric Roof Coating | | | X | 110 |
| Polybrite 24 | Water-based Elastomeric Roof Coating | | | X | 104 |
| Polybrite 90 | High Solids Silicone Roof Coating | X | X | X | 110 |
| Polybrite 95 | Silicone Roof Coating | X | X | | 106 |

* Standard colors. Custom colors can be special ordered.

| Weathered SRI |  |  | CA Title 24 Compliant (white only) | Colors* |
|---------------|---|---|--|--------------------|
| 93 | X | X | X | White Kool Grey |
| 93 | X | X | X | White Kool Grey |
| 85 | X | | X | White Kool Grey |
| 86 | X | X | X | White Kool Grey |
| 80 | X | X | X | White Kool Grey |

BASE, FELT & SYNTHETIC MEMBRANES AND UNDERLAYMENTS APPENDIX CHART

| | Basic Use | ASTM | Reinforcement Type | Top | Nominal Thickness mm; mils | Length | Width |
|--------------------|-----------------------|-------------|---------------------------|------------------|---------------------------------------|---------------|--------------|
| Polyanchor | Anchor Sheet | D226 | n/a | Synthetic | n/a | 76m | 1.2m |
| Polyglass G2 Base | Base or InterplySheet | D4601 | n/a | Sand | n/a | 30m | 1m |
| Polyglass Ply IV | Base or InterplySheet | D2178 | n/a | n/a | n/a | 49m | 1m |
| Polyglass Ply VI | Base or InterplySheet | D2178 | n/a | n/a | n/a | 20m | 1m |
| Polystick IR-Xe | Underlayment | D1970 | Fiberglass | Sand or Mineral | 1.5mm; 60 mils | 65' | 36" |
| Polystick MTS | Underlayment | D1970 | Fiberglass | Film | 1.5mm; 60 mils | 20m | 1m |
| Polystick MTS Plus | Underlayment | D1970 | Fiberglass | Film | 1.5mm; 60 mils | 20m | 1m |
| Polystick MU-X | Underlayment | D1970 | Fiberglass | Film | 1.35mm; 54 mils | 65' | 36" |
| Polystick TU Max | Underlayment | D1970 | Fiberglass | Polyester Fabric | 1.5mm; 60 mils | 20m | 1m |
| Polystick TU Plus | Underlayment | D1970 | Fiberglass | Polyester Fabric | 2.0mm; 80 mils | 20m | 1m |

| Coverage Approx (sq ft) | Weight (lbs) | High Temp | Install Method |  |  |  |  | Page |
|-------------------------|--------------|-----------|-------------------|---|--|---|---|------|
| 1000 | 34 | | Mechanical | X | | | X | 56 |
| 300 | 81 | | Mechanical or Mop | X | X | X | | 56 |
| 500 | 44 | | Mop | X | | | | 57 |
| 500 | 48 | | Mop | X | | | | 57 |
| 195 | 60 | | Self-Adhered | | X | X | X | 62 |
| 200 | 70 | X | Self-Adhered | X | X | X | X | 63 |
| 200 | 70 | X | Self-Adhered | X | X | X | | 63 |
| 195 | 60 | X | Self-Adhered | | | | | 62 |
| 200 | 70 | X | Self-Adhered | | X | X | | 64 |
| 200 | 70 | X | Self-Adhered | | X | X | X | 64 |

| | Modifier | Basic Use | ASTM | Reinforcement Type | "FR" Available | "Type II" Available | Top | Bottom |
|----------------------------|----------|-----------------------------|----------------|----------------------|----------------|---------------------|---------------------|--------------|
| Duflex | APP | Base, Interply or Cap Sheet | D6223 | Polyester Fiberglass | | | Sand | Film |
| Duflex G | APP | Cap Sheet | D6223 | Polyester Fiberglass | X | | Granules | Film |
| Elastobase | SBS | Base Sheet | D6163 | Fiberglass | | | Film or Sand | Film or Sand |
| Elastobase P | SBS | Base Sheet | D6164 | Polyester | | | Film or Sand | Film or Sand |
| Elastoflex S6 | SBS | Base or Interply Sheet | D6164 | Polyester | | X | Film or Sand | Film or Sand |
| Elastoflex S6 G | SBS | Cap Sheet | D6164 | Polyester | X | X | Granules | Film or Sand |
| Elastoflex SA P | SBS | Self-Adhered Cap Sheet | D1970 D6163 | Polyester | X | | Granules | Release Film |
| Elastoflex SA V | SBS | Self-Adhered Base Sheet | D1970 D6163 | Fiberglass | X | | Film or Mineral | Release Film |
| Elastoflex V | SBS | Base or Interply Sheet | D6163 | Fiberglass | | X | Film or Sand | Film or Sand |
| Elastoflex V G | SBS | Cap Sheet | D6163 | Fiberglass | X | X | Granules | Film or Sand |
| Elastoshield S6 HT | SBS | Base or Interply Sheet | D4601 | Fiberglass | | | Film or Sand | Film or Sand |
| Elastoshield S6 HT G MOP | SBS | Cap Sheet | D4601 | Polyester Fiberglass | X | | Granules | Sand |
| Elastoshield S6 HT G TORCH | SBS | Cap Sheet | D4601 | Polyester Fiberglass | X | | Granules | Film |
| Elastoshield TS | SBS | Base or Interply Sheet | D6164 | Polyester | | X | Film or Sand | Film or Sand |
| Elastoshield TS G | SBS | Cap Sheet | D6164 | Polyester | X | X | Granules | Film or Sand |
| Polybond | APP | Base, Interply or Cap Sheet | D6222 | Polyester | | | Sand | Film |
| Polybond G | APP | Cap Sheet | D6223 | Polyester | | | Granules | Film |
| Polyflex | APP | Base, Interply or Cap Sheet | D6224 | Polyester | | X | Sand | Film |
| Polyflex G | APP | Cap Sheet | D6222 | Polyester | X | X | Granules | Film |
| Polyflex SA Base | APP | Self-Adhered Base Sheet | D1970 | Fiberglass | | | Mineral | Release Film |
| Polyflex SA P | APP | Self-Adhered Cap Sheet | D1970 D6222 | Polyester | X | | Granules | Release Film |
| Polyfresko G | APP | Cap Sheet | D6222 | Polyester | X | | Reflective Granules | Film |
| Polyfresko G SA | APP | Self-Adhered Cap Sheet | D1970 D6222 | Polyester | X | | Reflective Granules | Release Film |
| Polyfresko G SBS | SBS | Cap Sheet | D6164 | Polyester | X | | Reflective Granules | Film or Sand |
| Polyfresko G SBS SA | SBS | Self-Adhered Cap Sheet | D1970 D6163 | Polyester | X | | Reflective Granules | Release Film |
| Polyglass APP Base | APP | Base Sheet | D6509 | Fiberglass | | | Film | Film |
| Polykool | APP | Self-Adhered Cap Sheet | D6222 | Polyester | X | | Reflective Film | Release Film |