



# PRODUCT SELECTION GUIDE







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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. After the acquisition, Polyglass U.S.A.'s headquarters moved to Deerfield Beach, Florida and currently has five ISO 9001:2015 certified manufacturing facilities servicing the Americas.

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

**2 FERNLEY, NV**  
**Manufacturing Facility**

**3 PHOENIX, AZ**  
**Manufacturing Facility**

**4 HAZLETON, PA**  
**Manufacturing Facility**

**5 WINTER HAVEN, FL**  
**Manufacturing Facility**

**6 WACO, TX**  
**Manufacturing Facility**







**PLUS**  
ing Underlayment

adhesive self applications  
MIAMI-DADE COUNTY  
PRODUCT CONTROL APPROVED

PATENTED IN US  
OTHER PAT.

STICK® POLY

**MAPEI**

waterproofing underlayment

ROOFING AND WATERPROOFING SYSTEMS  
**POLYGLASS**  
MAPEI GROUP  
Homeric Roof Coating

ROOFING AND WATERPROOFING SYSTEMS  
**POLYGLASS**  
MAPEI GROUP  
Homeric Roof Coating

**24**

4.75 U.S. Gal. - 18.0 Liters

ROOFING AND WATERPROOFING SYSTEMS  
**POLYGLASS**  
MAPEI GROUP  
Premium Fibered Aluminum Roof Coating

**POLYPLUS 65**

ROOFING AND WATERPROOFING SYSTEMS  
**POLYGLASS**  
MAPEI GROUP  
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 engineers. Polyglass continually invests in the latest manufacturing technologies and is committed to advancing its Research and Development activities with laboratories designed to implement the highest quality standard testing methods ensuring 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.

## ISO 9001:2015 Certification

All Polyglass facilities have earned the designation of being ISO 9001:2015 certified for the Design, Manufacture and Sales of Modified Bitumen Roofing and Waterproofing Membranes, Coatings, Adhesives and Sealants.



## Polyglass Warranties

Polyglass' products are designed to work together as part of a roofing system. Extended long-term, roofing system warranties are available. Contact your local Polyglass representative or visit our website, [polyglass.ca](http://polyglass.ca), to find out more information.



POLYGLASS  
MAPEI  
GROUP





## 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 five locations across the United States, Polyglass is able to service most customers in just a few days.

### 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.

### Technical Services

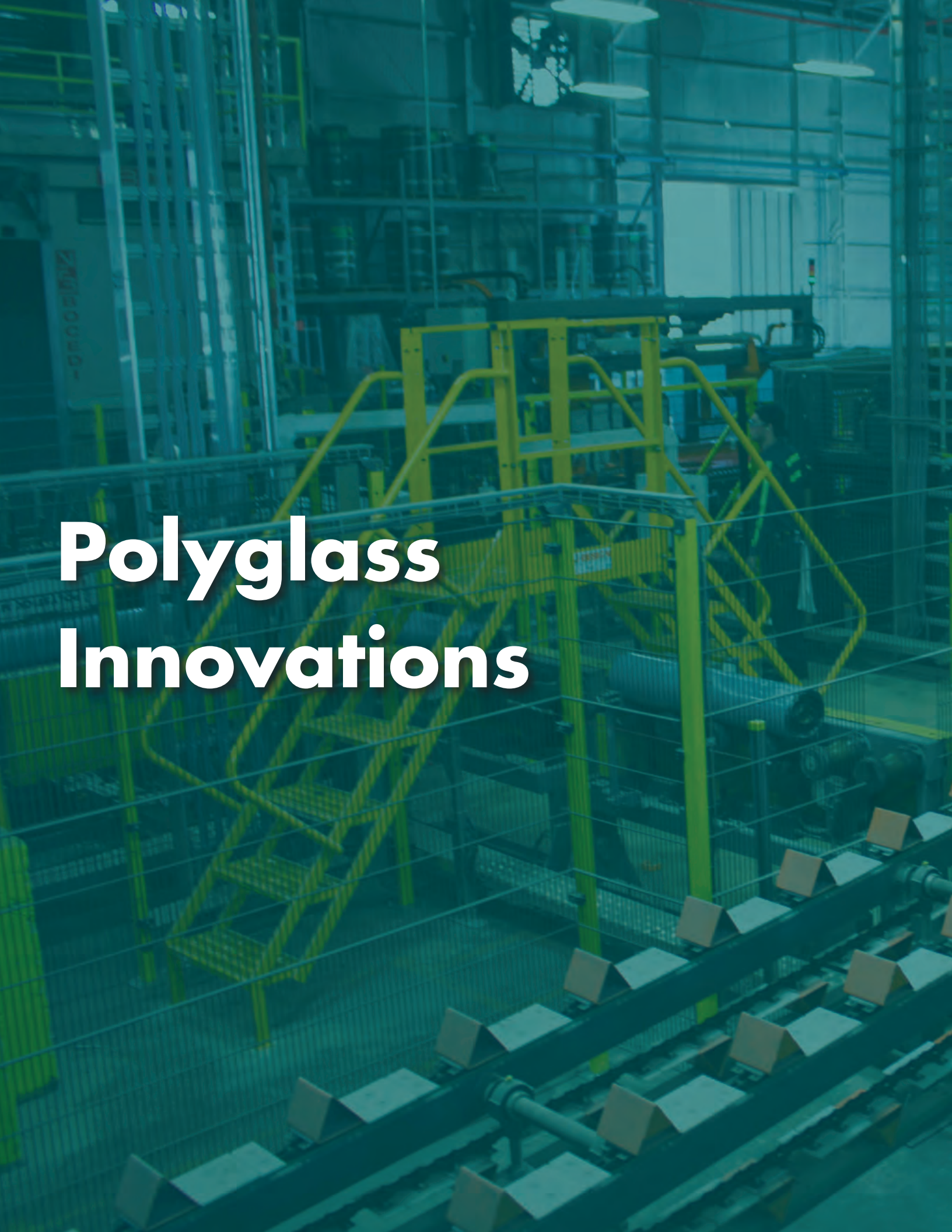
Polyglass has a team of trained Technical Representatives that are available for onsite support, providing uncompromised service that customers can depend on.

### Customer Service

Polyglass has Customer Service personnel available nationwide, and technical training and support on our many products – placing customer needs as the company's highest priority.

### 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**





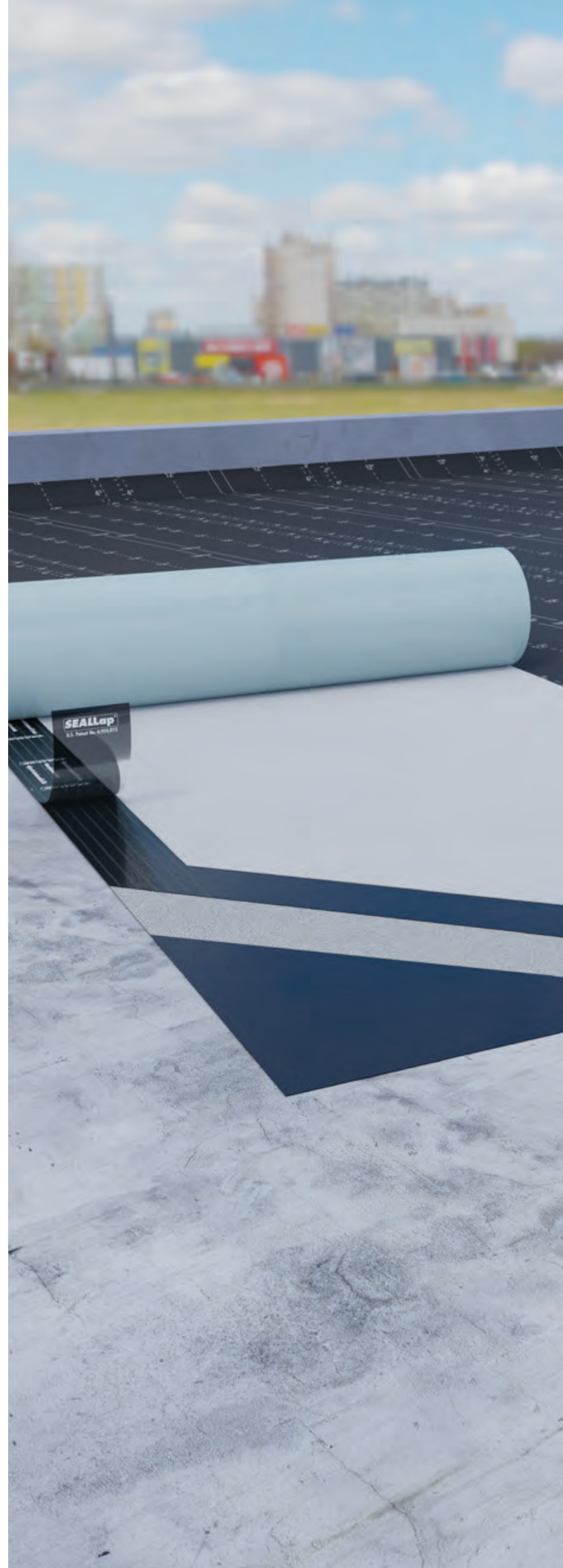
## What is ADESO Technology?

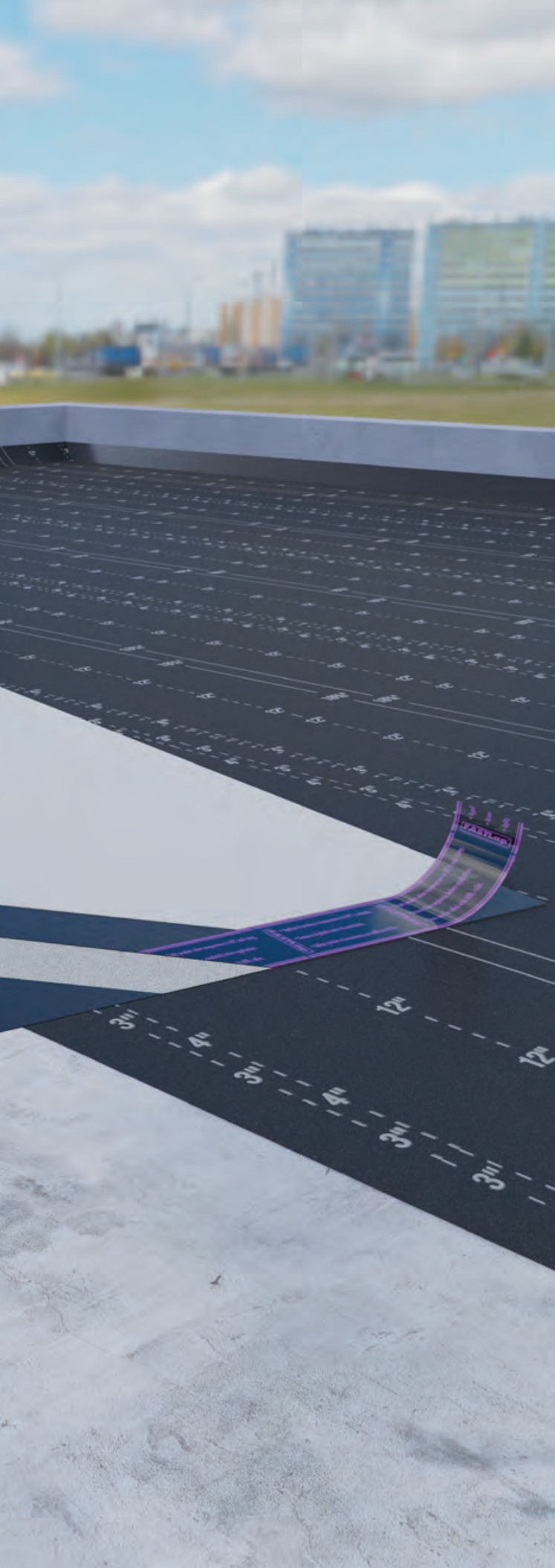
ADESO® Technology revolutionized the modified bitumen roofing industry by manufacturing dual-compound self-adhered membranes using a “true” APP or SBS formulation on the top weathering side and an aggressive self-adhered (or self-adhesive) formulation on the bottom side of the reinforcement.

ADESO Technology, and other innovative Polyglass patented technologies featured in our self-adhered membranes, provide for overall superior product and roof system performance. Most ADESO Technology membranes feature SEALLap®, a patented factory-applied adhesive treatment along the side of the membrane. Polyglass’ self-adhered granulated cap sheets also feature FASTLap®, a patented granule-free end lap. Both SEALLap and FASTLap are protected by a removable film for easy installation.

### **Products featuring ADESO Technology:**

- Elastoflex SA V, Elastoflex SA V FR
- Polyfresko G SBS SA
- Polystick IR-Xe
- Polystick MTS Plus
- Polystick TU Max
- 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.



Patented 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 ENERGY STAR® requirements and can be used to comply with 2016 Title 24, Part 6 Cool Roof Requirements when manufactured with a white granulated surface.

A significant feature of CURE Technology is its superior granule retention. The Thin Film Technology used enhances the bond of the granules, significantly minimizing the loss of granules when the membrane is exposed to foot traffic and 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 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® requirements and can be used to comply with 2016 Title 24, Part 6 Cool Roof Requirements. 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 used enhances the bond of the granules to the 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.



# Self-Adhered Membranes





# Elastoflex SA Base

Self-Adhered SBS Base Sheet



## PRODUCT DATA

Coverage (Approx)..... 15m<sup>2</sup> (161 sq ft)  
 Weight (Approx) ..... 36kg (80 lbs)  
 Thickness (Nominal)..... 2.0mm; 80 mils  
 Roll Size ..... 15m x 1m (49' 3" x 39 3/8")  
 Rolls/Pallet..... 20

- ASTM D1970
- Reinforced polyester mat
- Film surface with lay lines
- Split release film on the bottom surface
- Low temperature flexibility, puncture and tear-resistant

# Elastoflex SA Base HD

Self-Adhered SBS Base Sheet



## PRODUCT DATA

Coverage (Approx)..... 15m<sup>2</sup> (161 sq ft)  
 Weight (Approx)..... 43.5kg (96 lbs)  
 Thickness (Nominal)..... 2.5mm; 100 mils  
 Roll Size..... 15m x 1m (49' 3" x 39 3/8")  
 Rolls/Pallet..... 20

- ASTM D1970
- Tested According to CSA A123.21 Standard
- RCABC RoofStar Guaranteed Product
- Reinforced polyester mat
- Film surface with lay lines
- Split release film on the bottom surface
- Low temperature flexibility, puncture and tear-resistant

# Elastoflex SA V

Self-Adhered SBS Base Sheet



CGSB



MIAMI-DADE COUNTY APPROVED



## PRODUCT DATA

Coverage (Approx) .....20m<sup>2</sup> (215 sq ft)  
 Weight (Approx) ..... 44kg (97 lbs)  
 Thickness (Nominal) ..... 2.0mm; 80 mils  
 Roll Size .....20m x 1m (65' 8" x 39' 3/8")  
 Rolls/Pallet.....20

- ASTM D6163, Type I
- CGSB-37.56-M
- Tested According to CSA A123.21 Standard
- RCABC RoofStar Guaranteed Product
- Reinforced fiberglass mat
- Film surface with lay lines
- Split release film on the bottom surface
- Low temperature flexibility, puncture and tear-resistant
- Available in FR

# Elastoflex SA V PLUS

Self-Adhered SBS Base Sheet



MIAMI-DADE COUNTY APPROVED



## PRODUCT DATA

Coverage (Approx) .....13.7m<sup>2</sup> (150 sq ft)  
 Weight (Approx) ..... 46kg (101 lbs)  
 Thickness (Nominal) .....2.5mm; 100 mils  
 Roll Size .....15m x 1m (49' 3" x 39' 3/8")  
 Rolls/Pallet.....20

- ASTM D6163, Type I, Grade S
- Reinforced fiberglass mat
- Film surface with lay lines
- Split release film on the bottom surface
- Low temperature flexibility, puncture and tear resistant
- Available in FR

# Elastoflex SA P

Self-Adhered SBS Granulated Cap Sheet



## PRODUCT DATA

|                          |                              |
|--------------------------|------------------------------|
| Coverage (Approx).....   | 10m <sup>2</sup> (108 sq ft) |
| Weight (Approx).....     | 41kg (90 lbs)                |
| Thickness (Nominal)..... | 3.5mm; 140 mils              |
| Roll Size.....           | 10m x 1m (32' 10" x 39 3/8") |
| Rolls/Pallet.....        | 20                           |

- ASTM D6164, Type I
- CGSB-37.56-M
- Tested According to CSA A123.21 Standard
- RCABC RoofStar Guaranteed Product
- Reinforced polyester mat
- Split release film on the bottom surface
- Features FASTLap for granule-free roll ends
- Features SEAllap, a factory-applied adhesive treatment at the membrane overlap
- Available in FR

## AVAILABLE COLORS

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

# Polyfresko® G SBS SA

Highly Reflective White Self-Adhered SBS Cap Sheet



## PRODUCT DATA

|                          |                              |
|--------------------------|------------------------------|
| Coverage (Approx).....   | 10m <sup>2</sup> (108 sq ft) |
| Weight (Approx).....     | 40kg (88 lbs)                |
| Thickness (Nominal)..... | 3.6mm; 142 mils              |
| Roll Size.....           | 10m x 1m (32' 10" x 39 3/8") |
| Rolls/Pallet.....        | 20                           |

- ASTM D6164, Type I
- Reinforced polyester mat
- Granule surface with stain and discoloration resistance and UV stabilization
- Exceptional granule retention
- Split release film on the bottom surface
- Features patented CURE Technology
- Features FASTLap for granule-free roll ends and SEAllap, a factory-applied adhesive treatment at the membrane overlap
- Can be used to comply with 2016 Title 24 Part 6 Cool Roof Requirements

|  |                          |             |             |
|--|--------------------------|-------------|-------------|
| <p><b>CRRC</b><br/>COOL ROOF RATING COUNCIL®<br/><b>RAPID RATINGS</b></p>  |                          | Initial     | Weathered   |
|  | <b>Solar Reflectance</b> | <b>0.77</b> | <b>0.68</b> |
|  | <b>Thermal Emittance</b> | <b>0.90</b> | <b>0.88</b> |
|  | Rated Product ID         | 0616-0011a  |             |
|  | Licensed Manufacturer ID | 0616        |             |
| Classification   | Production Line          |             |             |
| <p>*CRRC Rapid Ratings: These are interim laboratory-aged values that simulate weathered values. These values will be replaced by the measured three-year aged values upon completion of the weathering process.<br/>Cool Roof Rating Council ratings are determined for a fixed set of conditions, and may not be appropriate for determining seasonal energy performance. The actual effects of solar reflectance and thermal emittance on building performance may vary.<br/>Manufacturer of product stipulates that these ratings were determined in accordance with the applicable Cool Roof Rating Council procedures.</p> |                          |             |             |

Solar Reflectance Index (SRI) Initial: 96 Weathered: 83



## Self-Adhered Membranes

| PRODUCT               | AVAILABLE IN FR | APP/SBS | ASTM          | USE                    | REINFORCEMENT | SURFACE             | NOMINAL THICKNESS  |
|-----------------------|-----------------|---------|---------------|------------------------|---------------|---------------------|--------------------|
| Elastoflex SA Base    |                 | SBS     | D1970, Type I | Base Sheet             | Polyester     | Film                | 2.0mm;<br>80 mils  |
| Elastoflex SA Base HD |                 | SBS     | D1970, Type I | Base Sheet             | Polyester     | Film                | 2.5mm;<br>100 mils |
| Elastoflex SA V       | ✓               | SBS     | D6163, Type I | Base or Interply Sheet | Fiberglass    | Film                | 2.0mm;<br>80 mils  |
| Elastoflex SA V PLUS  | ✓               | SBS     | D6163, Type I | Base or Interply Sheet | Fiberglass    | Film                | 2.5mm;<br>100 mils |
| Elastoflex SA P       | ✓               | SBS     | D6164, Type I | Cap Sheet              | Polyester     | Granules            | 3.5mm;<br>140 mils |
| Polyfresko G SBS SA   |                 | SBS     | D6164, Type I | Cap Sheet              | Polyester     | Reflective Granules | 3.6mm;<br>142 mils |



# APP Membranes



# Polyglass Base

APP Base Sheet



## PRODUCT DATA

Coverage (Approx) .....20m<sup>2</sup> (215 sq ft)  
 Weight (Approx) .....39kg (86 lbs)  
 Thickness (Nominal) ..... 2.0mm; 80 mils  
 Roll Size ..... 20m x 1m (65' 8" x 39 3/8")  
 Rolls/Pallet..... 20



- ASTM D6509
- Reinforced fiberglass mat
- Burn-off film on the bottom surface
- Film surface
- Low-temp flexibility, exceptional dimensional stability

# Polyflex® G

APP Granulated Cap Sheet



## PRODUCT DATA

Coverage (Approx) .....10m<sup>2</sup> (108 sq ft)  
 Weight (Approx) .....50kg (110 lbs)  
 Thickness (Nominal) ..... 4.5mm; 180 mils  
 Roll Size ..... 10m x 1m (32' 10" x 39 3/8")  
 Rolls/Pallet..... 20



- ASTM D6222, Type I
- Reinforced polyester mat
- Burn-off film on the bottom surface
- Granular surface
- Granule free selvage edge
- Puncture and tear resistant
- Low-temp flexibility, exceptional tensile strength and elongation properties
- Available in FR

## AVAILABLE COLORS

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



## APP Membranes

| PRODUCT        | AVAILABLE IN FR | ASTM          | USE                    | REINFORCEMENT | SURFACE  | NOMINAL THICKNESS |
|----------------|-----------------|---------------|------------------------|---------------|----------|-------------------|
| Polyglass Base |                 | D6509         | Base or Interply Sheet | Fiberglass    | Film     | 2.0mm; 80 mils    |
| Polyflex G     | ✓               | D6222, Type I | Cap Sheet              | Polyester     | Granules | 4.5mm; 180 mils   |

# SBS Membranes

A photograph of a flat roof under construction, showing a grid of rebar and a concrete slab. The image is overlaid with a teal color and the text 'SBS Membranes'. The roof surface is covered with a grid of rebar, and several vertical rebar protrusions are visible. In the background, there is a building with a dome and some trees. The overall scene is a construction site for a flat roof.



# Elastobase

SBS Base Sheet



CGSB



MIAMI-DADE COUNTY APPROVED



## PRODUCT DATA

Coverage (Approx).....20m<sup>2</sup> (215 sq ft)  
 Weight (Approx) .....48kg (105 lbs)  
 Thickness (Nominal) ..... 2.0mm; 80 mils  
 Roll Size .....20m x 1m (65' 8" x 39 3/8")  
 Rolls/Pallet..... 20



- ASTM D6163, Type I
- CGSB-37.56-M
- Tested According to CSA A123.21 Standard
- RCABC RoofStar Guaranteed Product
- Reinforced fiberglass mat
- Burn-off film or sand available on the bottom surface
- Film or sand available on the top surface
- Superior flexibility and dimensional stability

# Elastoflex S6 22

SBS Base/Interply Sheet



CGSB



## PRODUCT DATA

Coverage (Approx).....15m<sup>2</sup> (161 sq ft)  
 Weight (Approx) .....39kg (86 lbs)  
 Thickness (Nominal) ..... 2.2mm; 90 mils  
 Roll Size ..... 15m x 1m (49' 3" x 39 3/8")  
 Rolls/Pallet..... 25



- ASTM D6164, Type I
- CGSB-37.56-M
- Tested According to CSA A123.21 Standard
- RCABC RoofStar Guaranteed Product
- Reinforced polyester mat
- Burn-off film or sand available on the bottom surface
- Film or sand available on the top surface
- Puncture and tear resistant
- Superior flexibility and dimensional stability

# Elastoflex S6 25

SBS Base/Interply Sheet



## PRODUCT DATA

Coverage (Approx) .....15m<sup>2</sup> (161 sq ft)  
 Weight (Approx) .....41kg (90 lbs)  
 Thickness (Nominal) ..... 2.5mm; 100 mils  
 Roll Size ..... 1.5m x 1m (49' 3" x 39 3/8")  
 Rolls/Pallet..... 25



- ASTM D6164, Type I
- CGSB-37.56-M
- Tested According to CSA A123.21 Standard
- RCABC RoofStar Guaranteed Product
- Reinforced polyester mat
- Burn-off film or sand available on the bottom surface
- Film or sand available on the top surface
- Puncture and tear resistant
- Superior flexibility and dimensional stability

# Elastoflex S6

SBS Base/Interply Sheet



## PRODUCT DATA

Coverage (Approx) .....10m<sup>2</sup> (108 sq ft)  
 Weight (Approx) .....36kg (80 lbs)  
 Thickness (Nominal) ..... 3.0mm; 118 mils  
 Roll Size ..... 1.0m x 1m (32' 10" x 39 3/8")  
 Rolls/Pallet..... 25



- ASTM D6164, Type I
- CGSB-37.56-M
- Tested According to CSA A123.21 Standard
- RCABC RoofStar Guaranteed Product
- Reinforced polyester mat
- Burn-off film or sand available on the bottom surface
- Film or sand available on the top surface
- Puncture and tear resistant
- Superior flexibility and dimensional stability

# Elastoflex V 22

SBS Base/Interply Sheet



## PRODUCT DATA

Coverage (Approx)..... 15m<sup>2</sup> (161 sq ft)  
 Weight (Approx) ..... 39kg (85 lbs)  
 Thickness (Nominal) ..... 2.2mm; 90 mils  
 Roll Size ..... 1.5m x 1m (49' 3" x 39 3/8")  
 Rolls/Pallet..... 25



- ASTM D6163, Type I
- Tested According to CSA A123.21 Standard
- RCABC RoofStar Guaranteed Product
- Reinforced fiberglass mat
- Burn-off film or sand available on the bottom surface
- Film or sand available on the top surface
- Superior flexibility and dimensional stability

# Elastoflex V

SBS Base/Interply Sheet



## PRODUCT DATA

Coverage (Approx)..... 10m<sup>2</sup> (108 sq ft)  
 Weight (Approx) ..... 38kg (84 lbs)  
 Thickness (Nominal) ..... 3.0mm; 120 mils  
 Roll Size ..... 10m x 1m (32' 10" x 39 3/8")  
 Rolls/Pallet..... 25



- ASTM D6163, Type I
- Tested According to CSA A123.21 Standard
- RCABC RoofStar Guaranteed Product
- Reinforced fiberglass mat
- Burn-off film on the bottom surface
- Film on the top surface
- Superior flexibility and dimensional stability

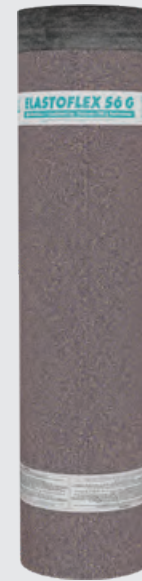
# Elastoflex S6 G (180)

SBS Granulated Cap Sheet - MOP



# Elastoflex S6 G (180)

SBS Granulated Cap Sheet - TORCH



## PRODUCT DATA

Coverage (Approx).....10m<sup>2</sup> (108 sq ft)  
 Weight (Approx) .....44kg (97 lbs)  
 Thickness (Nominal) ..... 3.5mm; 140 mils  
 Roll Size ..... 10m x 1m (32' 10" x 39 3/8")  
 Rolls/Pallet..... 20



- ASTM D6164, Type I
- CGSB-37.56-M
- Tested According to CSA A123.21 Standard
- RCABC RoofStar Guaranteed Product
- Reinforced polyester mat
- Sand on the bottom surface
- Granular surface
- Puncture and tear resistant
- Superior flexibility and dimensional stability
- Available in FR
- Special order restrictions apply

## AVAILABLE COLORS

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

## PRODUCT DATA

Coverage (Approx) .....8m<sup>2</sup> (86 sq ft)  
 Weight (Approx) .....41kg (90 lbs)  
 Thickness (Nominal) ..... 4.0mm; 160 mils  
 Roll Size ..... 8m x 1m (26' 3" x 39 3/8")  
 Rolls/Pallet..... 25



- ASTM D6164, Type I
- CGSB-37.56-M
- Tested According to CSA A123.21 Standard
- RCABC RoofStar Guaranteed Product
- Reinforced polyester mat
- Burn-off film on the bottom surface
- Granular surface
- Puncture and tear resistant
- Superior flexibility and dimensional stability
- Available in FR

## AVAILABLE COLORS

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

# Elastoflex S6 G HP (250)

SBS Granulated Cap Sheet



## PRODUCT DATA

|                          |                            |
|--------------------------|----------------------------|
| Coverage (Approx).....   | 8m <sup>2</sup> (86 sq ft) |
| Weight (Approx).....     | 39kg (86 lbs)              |
| Thickness (Nominal)..... | 4.0mm; 160 mils            |
| Roll Size.....           | 8m x 1m (26' 3" x 39 3/8") |
| Rolls/Pallet.....        | 25                         |



- ASTM D6164, Type II
- Tested According to CSA A123.21 Standard
- RCABC RoofStar Guaranteed Product
- High performance polyester mat
- Burn-off film or sand available on the bottom surface
- Granular surface
- Puncture and tear resistant
- Superior flexibility and dimensional stability
- Available in FR

## AVAILABLE COLORS

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





# Elastoshield TS G FR

SBS Granulated Cap Sheet



# Polyfresko® G SBS

Highly Reflective White SBS Cap Sheet



SBS MEMBRANES

## PRODUCT DATA

Coverage (Approx) ..... 10m<sup>2</sup> (108 sq ft)  
 Weight (Approx) ..... 51kg (113 lbs)  
 Thickness (Nominal) ..... 4.5mm; 180 mils  
 Roll Size ..... 10m x 1m (32' 10" x 39 3/8")  
 Rolls/Pallet ..... 20



- ASTM D6164, Type I
- CGSB-37.56-M
- Tested According to CSA A123.21 Standard
- RCABC RoofStar Guaranteed Product
- Reinforced polyester mat
- Burn-off film or sand available on the bottom surface
- Granular surface
- Puncture and tear resistant
- Superior flexibility and dimensional stability

## AVAILABLE COLORS


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

## PRODUCT DATA

Coverage (Approx) ..... 10m<sup>2</sup> (108 sq ft)  
 Weight (Approx) ..... 50kg (110 lbs)  
 Thickness (Nominal) ..... 4.2mm; 165 mils  
 Roll Size ..... 10m x 1m (32' 10" x 39 3/8")  
 Rolls/Pallet ..... 20



- ASTM D6164, Type I
- Reinforced polyester mat
- Granule surface with stain and discoloration resistance and UV stabilization
- Exceptional granule retention
- Burn-off film on the bottom surface
- Features patented CURE Technology
- Can be used to comply with 2016 Title 24 Part 6 Cool Roof Requirements

|  |                          |             |             |
|--|--------------------------|-------------|-------------|
| <br><b>RAPID RATINGS</b> |                          | Initial     | Weathered   |
|  | <b>Solar Reflectance</b> | <b>0.77</b> | <b>0.68</b> |
|  | <b>Thermal Emittance</b> | <b>0.90</b> | <b>0.88</b> |
|  | Rated Product ID         | 0616-0011a  |             |
|  | Licensed Manufacturer ID | 0616        |             |
| Classification   | Production Line          |             |             |

\*CRRC Rapid Ratings: These are interim laboratory-aged values that simulate weathered values. These values will be replaced by the measured three-year aged values upon completion of the weathering process.  
 Cool Roof Rating Council ratings are determined for a fixed set of conditions, and may not be appropriate for determining seasonal energy performance. The actual effects of solar reflectance and thermal emittance on building performance may vary.  
 Manufacturer of product stipulates that these ratings were determined in accordance with the applicable Cool Roof Rating Council procedures.

Solar Reflectance Index (SRI) Initial: 96 Weathered: 83

# Elastoflex SA Base

Self-Adhered SBS Base Sheet



## PRODUCT DATA

Coverage (Approx)..... 15m<sup>2</sup> (161 sq ft)  
 Weight (Approx) ..... 36kg (80 lbs)  
 Thickness (Nominal)..... 2.0mm; 80 mils  
 Roll Size ..... 15m x 1m (49' 3" x 39 3/8")  
 Rolls/Pallet..... 20

- ASTM D1970
- Reinforced polyester mat
- Film surface with lay lines
- Split release film on the bottom surface
- Low temperature flexibility, puncture and tear-resistant

# Elastoflex SA Base HD

Self-Adhered SBS Base Sheet



## PRODUCT DATA

Coverage (Approx)..... 15m<sup>2</sup> (161 sq ft)  
 Weight (Approx)..... 43.5kg (96 lbs)  
 Thickness (Nominal)..... 2.5mm; 100 mils  
 Roll Size..... 15m x 1m (49' 3" x 39 3/8")  
 Rolls/Pallet..... 20

- ASTM D1970
- Tested According to CSA A123.21 Standard
- RCABC RoofStar Guaranteed Product
- Reinforced polyester mat
- Film surface with lay lines
- Split release film on the bottom surface
- Low temperature flexibility, puncture and tear-resistant

# Elastoflex SA V

Self-Adhered SBS Base Sheet



## PRODUCT DATA

Coverage (Approx) .....20m<sup>2</sup> (215 sq ft)  
 Weight (Approx) ..... 44kg (97 lbs)  
 Thickness (Nominal) ..... 2.0mm; 80 mils  
 Roll Size .....20m x 1m (65' 8" x 39' 3/8")  
 Rolls/Pallet.....20

- ASTM D6163, Type I
- CGSB-37.56-M
- Tested According to CSA A123.21 Standard
- RCABC RoofStar Guaranteed Product
- Reinforced fiberglass mat
- Film surface with lay lines
- Split release film on the bottom surface
- Low temperature flexibility, puncture and tear-resistant
- Available in FR

# Elastoflex SA V PLUS

Self-Adhered SBS Base Sheet



## PRODUCT DATA

Coverage (Approx) .....13.7m<sup>2</sup> (150 sq ft)  
 Weight (Approx) ..... 46kg (101 lbs)  
 Thickness (Nominal) .....2.5mm; 100 mils  
 Roll Size .....15m x 1m (49' 3" x 39' 3/8")  
 Rolls/Pallet.....20

- ASTM D6163, Type I, Grade S
- Reinforced fiberglass mat
- Film surface with lay lines
- Split release film on the bottom surface
- Low temperature flexibility, puncture and tear resistant
- Available in FR

# Elastoflex SA P

Self-Adhered SBS Granulated Cap Sheet



## PRODUCT DATA

Coverage (Approx) ..... 10m<sup>2</sup> (108 sq ft)  
 Weight (Approx) ..... 41kg (90 lbs)  
 Thickness (Nominal) ..... 3.5mm; 140 mils  
 Roll Size ..... 10m x 1m (32' 10" x 39 3/8")  
 Rolls/Pallet..... 20

- ASTM D6164, Type I
- CGSB-37.56-M
- Tested According to CSA A123.21 Standard
- RCABC RoofStar Guaranteed Product
- Reinforced polyester mat
- Split release film on the bottom surface
- Features FASTLap for granule-free roll ends
- Features SEAllap, a factory-applied adhesive treatment at the membrane overlap
- Available in FR

## AVAILABLE COLORS

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

# Polyfresko® G SBS SA

Highly Reflective White Self-Adhered SBS Cap Sheet



## PRODUCT DATA

Coverage (Approx)..... 10m<sup>2</sup> (108 sq ft)  
 Weight (Approx) ..... 40kg (88 lbs)  
 Thickness (Nominal) ..... 3.6mm; 142 mils  
 Roll Size ..... 10m x 1m (32' 10" x 39 3/8")  
 Rolls/Pallet..... 20

- ASTM D6164, Type I
- Reinforced polyester mat
- Granule surface with stain and discoloration resistance and UV stabilization
- Exceptional granule retention
- Split release film on the bottom surface
- Features patented CURE Technology
- Features FASTLap for granule-free roll ends and SEAllap, a factory-applied adhesive treatment at the membrane overlap
- Can be used to comply with 2016 Title 24 Part 6 Cool Roof Requirements

|   |                          |             |             |
|---|--------------------------|-------------|-------------|
| <p><b>CRRC</b><br/>COOL ROOF RATING COUNCIL</p> <p><b>RAPID RATINGS</b></p> |                          | Initial     | Weathered   |
|   | <b>Solar Reflectance</b> | <b>0.77</b> | <b>0.68</b> |
|   | <b>Thermal Emittance</b> | <b>0.90</b> | <b>0.88</b> |
|   | Rated Product ID         | 0616-0011a  |             |
|   | Licensed Manufacturer ID | 0616        |             |
| Classification  | Production Line          |             |             |

\*CRRC Rapid Ratings: These are interim laboratory-aged values that simulate weathered values. These values will be replaced by the measured three-year aged values upon completion of the weathering process.

Cool Roof Rating Council ratings are determined for a fixed set of conditions, and may not be appropriate for determining seasonal energy performance. The actual effects of solar reflectance and thermal emittance on building performance may vary.

Manufacturer of product stipulates that these ratings were determined in accordance with the applicable Cool Roof Rating Council procedures.

Solar Reflectance Index (SRI) Initial: 96 Weathered: 83

## SBS Membranes

| PRODUCT                     | AVAILABLE IN FR | ASTM           | USE                    | REINFORCEMENT | SURFACE      | NOMINAL THICKNESS |
|-----------------------------|-----------------|----------------|------------------------|---------------|--------------|-------------------|
| Elastobase                  |                 | D6163, Type I  | Base Sheet             | Fiberglass    | Film or Sand | 2.0mm; 80 mils    |
| Elastoflex S6 22            |                 | D6164, Type I  | Base or Interply Sheet | Polyester     | Film or Sand | 2.2mm; 90 mils    |
| Elastoflex S6 25            |                 | D6164, Type I  | Base or Interply Sheet | Polyester     | Film or Sand | 2.5mm; 100 mils   |
| Elastoflex S6               |                 | D6164, Type I  | Base or Interply Sheet | Polyester     | Sand         | 3.0mm; 120 mils   |
| Elastoflex V 22             |                 | D6163, Type I  | Base or Interply Sheet | Fiberglass    | Film or Sand | 2.2mm; 90 mils    |
| Elastoflex V                |                 | D6163, Type I  | Base or Interply Sheet | Fiberglass    | Film or Sand | 3.0mm; 120 mils   |
| Elastoflex S6 G (180) TORCH | ✓               | D6164, Type I  | Cap Sheet              | Polyester     | Granules     | 4.0mm; 160 mils   |
| Elastoflex S6 G (180) MOP   | ✓               | D6164, Type I  | Cap Sheet              | Polyester     | Granules     | 3.5mm; 140 mils   |
| Elastoflex S6 GHP (250)     | ✓               | D6164, Type II | Cap Sheet              | Polyester     | Granules     | 4.0mm; 160 mils   |
| Elastoshield TS G FR        | ✓               | D6164, Type I  | Cap Sheet              | Polyester     | Granules     | 4.5mm; 180 mils   |
| Polyfresko G SBS            |                 | D6164, Type I  | Cap Sheet              | Polyester     | Granules     | 4.2mm; 165 mils   |
| Elastoflex SA Base          |                 | D1970, Type I  | Base Sheet             | Polyester     | Film         | 2.0mm; 80 mils    |
| Elastoflex SA Base HD       |                 | D1970, Type I  | Base Sheet             | Polyester     | Film         | 2.5mm; 100 mils   |
| Elastoflex SA V             | ✓               | D6163, Type I  | Base or Interply Sheet | Fiberglass    | Film         | 2.0mm; 80 mils    |
| Elastoflex SA V PLUS        | ✓               | D6163, Type I  | Base or Interply Sheet | Fiberglass    | Film         | 2.5mm; 100 mils   |
| Elastoflex SA P             | ✓               | D6164, Type I  | Cap Sheet              | Polyester     | Granules     | 3.5mm; 140 mils   |
| Polyfresko G SBS SA         |                 | D6164, Type I  | Cap Sheet              | Polyester     | Granules     | 3.6mm; 142 mils   |



# Polystick<sup>®</sup> Roof Underlayments



# Polystick® IR-Xe

Self-Adhered Ice & Water Protection Roof Underlayment



## PRODUCT DATA

1 Square Roll:  
 Coverage (Approx) ..... 9.3m<sup>2</sup> (100 sq ft)  
 Weight (Approx) ..... 1.5kg (33 lbs)  
 Thickness (Nominal) ..... 1.5mm (60 mils)  
 Roll Size ..... 10.2m x 0.914m (33' 4" x 36")  
 Rolls/Pallet - Wrap ..... 48

## PRODUCT DATA

2 Square Roll:  
 Coverage (Approx) ..... 18.1m<sup>2</sup> (195 sq ft)  
 Weight (Approx) ..... 29kg (63 lbs)  
 Thickness (Nominal) ..... 1.5mm (60 mils)  
 Roll Size ..... 20m x 0.914m (65' 8" x 36")  
 Rolls/Pallet - Box ..... 20  
 Rolls/Pallet - Wrap ..... 30

- ASTM D1970
- Tested According to CSA A123.21 Standard
- RCABC RoofStar Guaranteed Product
- Reinforced fiberglass mat
- Available in sand or black mineral surface
- Split-release film on bottom surface
- Features sand- and granule-free selvage edge
- Exceptional dimensional stability

# Polystick® MTS PLUS

Self-Adhered High Temperature Roof Underlayment



## PRODUCT DATA

Coverage (Approx) ..... 20m<sup>2</sup> (215 sq ft)  
 Weight (Approx) ..... 32kg (70 lbs)  
 Thickness (Nominal) ..... 1.5mm (60 mils)  
 Roll Size ..... 20m x 1m (65' 8" x 39 3/8")  
 Rolls/Pallet ..... 20

- ASTM D1970
- Tested According to CSA A123.21 Standard
- RCABC RoofStar Guaranteed Product
- Reinforced fiberglass mat
- Polymer film on the top surface engineered for superior slip resistance
- Split-release film on bottom surface
- Ideally suited for metal roof coverings
- Approved for environments to 130°C (265°F)
- Exposure rating up to 180 days



# Polystick® TU MAX

Self-Adhered High Temperature Roof Underlayment



# Polystick® TU PLUS

Self-Adhered High Temperature Roof Underlayment



POLYSTICK® ROOF UNDERLAYMENTS

## PRODUCT DATA

|                           |                              |
|---------------------------|------------------------------|
| Coverage (Approx).....    | 20m <sup>2</sup> (215 sq ft) |
| Weight (Approx) .....     | 32kg (70 lbs)                |
| Thickness (Nominal) ..... | 1.5mm (60 mils)              |
| Roll Size .....           | 20m x 1m (65' 8" x 39 3/8")  |
| Rolls/Pallet.....         | 20                           |

- ASTM D1970
- Reinforced polyester mat
- Polyester on the top surface engineered for superior slip resistance
- Split-release film on bottom surface
- Meant to be used when adhesive foam or mechanically-attached roof tiles are installed
- Approved for environments to 130°C (265°F)
- Exposure rating up to 180 days

## PRODUCT DATA

|                           |                              |
|---------------------------|------------------------------|
| Coverage (Approx).....    | 20m <sup>2</sup> (215 sq ft) |
| Weight (Approx) .....     | 32kg (70 lbs)                |
| Thickness (Nominal) ..... | 2.0mm (80 mils)              |
| Roll Size .....           | 20m x 1m (65' 8" x 39 3/8")  |
| Rolls/Pallet.....         | 20                           |

- ASTM D1970
- Tested According to CSA A123.21 Standard
- RCABC RoofStar Guaranteed Product
- Reinforced fiberglass mat
- Polyester on the top surface engineered for superior slip resistance
- Split-release film on bottom surface
- Meant to be used when adhesive foam or mechanically-attached roof tiles are installed
- Approved for environments to 130°C (265°F)
- Exposure rating up to 180 days



**POLYGLASS** 

MADE IN U.S.A.

**ADESO**

**POLY TU**

Premium Self-Adhered

**POLY TU**

**POLY TU**  
Premium Se

## Polystick® Roof Underlayments

| PRODUCT            | ASTM  | HIGH TEMP | USE                  | REINFORCEMENT | SURFACE   | NOMINAL THICKNESS |
|--------------------|-------|-----------|----------------------|---------------|-----------|-------------------|
| Polystick IR-Xe    | D1970 |           | Shingle              | Fiberglass    | Mineral   | 1.5mm; 60 mils    |
| Polystick MTS PLUS | D1970 | ✓         | Metal, Tile, Shingle | Fiberglass    | Film      | 1.5mm; 60 mils    |
| Polystick TU MAX   | D1970 | ✓         | Tile, Shingle, Metal | Polyester     | Polyester | 1.5mm; 60 mils    |
| Polystick TU PLUS  | D1970 | ✓         | Tile, Shingle, Metal | Fiberglass    | Polyester | 2.0mm; 80 mils    |



# Liquid-Applied Roof Solutions





# Acrylic Coatings

# PolyBrite® 70

Premium Grade Elastomeric Roof Coating



## PACKAGING

17.9 Liters (4.75 Gallon) Pail



- ASTM D6083
- 100% acrylic coating that forms a seamless roof membrane
- Superior UV durability
- Excellent low-temperature flexibility
- Fungal and algal resistant
- Class A Fire Rated
- Available in White
- Can be used to comply with 2016 Title 24 Part 6 Cool Roof Requirements (White only)

|  |                           |                     |                       |
|--|---------------------------|---------------------|-----------------------|
|  | <b>Solar Reflectance</b>  | <b>Initial 0.87</b> | <b>Weathered 0.75</b> |
|  | <b>Thermal Emittance</b>  | <b>0.90</b>         | <b>0.90</b>           |
|  | Rated Product ID Number   | <b>0616-0006</b>    |                       |
|  | Licensed Seller ID Number | <b>0616</b>         |                       |
|  | Classification            | Production Line     |                       |
| <p>Cool Roof Rating Council ratings are determined for a fixed set of conditions, and may not be appropriate for determining seasonal energy performance. The actual effect of solar reflectance and thermal emittance on building performance may vary.</p> <p>Manufacturer of product stipulates that these ratings were determined in accordance with the applicable Cool Roof Rating Council procedures.</p> |                           |                     |                       |

Solar Reflectance Index (SRI) Initial: 110 Weathered: 93

# PolyBrite® 70-QS

Quick Setting, Premium Grade Elastomeric Roof Coating



## PACKAGING

17.9 Liters (4.75 Gallon) Pail



- ASTM D6083
- 100% acrylic coating that forms a seamless roof membrane
- Superior UV durability
- Excellent low-temperature flexibility
- Fungal and algal resistant
- Class A Fire Rated
- Available in White
- Can be used to comply with 2016 Title 24 Part 6 Cool Roof Requirements (White only)

|  |                           |                     |                       |
|--|---------------------------|---------------------|-----------------------|
|  | <b>Solar Reflectance</b>  | <b>Initial 0.87</b> | <b>Weathered 0.75</b> |
|  | <b>Thermal Emittance</b>  | <b>0.90</b>         | <b>0.90</b>           |
|  | Rated Product ID Number   | <b>0616-0006</b>    |                       |
|  | Licensed Seller ID Number | <b>0616</b>         |                       |
|  | Classification            | Production Line     |                       |
| <p>Cool Roof Rating Council ratings are determined for a fixed set of conditions, and may not be appropriate for determining seasonal energy performance. The actual effect of solar reflectance and thermal emittance on building performance may vary.</p> <p>Manufacturer of product stipulates that these ratings were determined in accordance with the applicable Cool Roof Rating Council procedures.</p> |                           |                     |                       |

Solar Reflectance Index (SRI) Initial: 110 Weathered: 93

# PG 700

High Quality Elastomeric Roof Coating




## PACKAGING

17.9 Liters (4.75 Gallon) Pail



- ASTM D6083
- 100% acrylic coating that forms a seamless roof membrane
- UV resistant
- Fungal and algal resistant
- Low VOC and non-flammable
- Available in White
- Can be used to comply with 2016 Title 24 Part 6 Cool Roof Requirements (White only)

|  |                           |                  |                  |
|--|---------------------------|------------------|------------------|
|    |                           | <b>Initial</b>   | <b>Weathered</b> |
|  | <b>Solar Reflectance</b>  | <b>0.87</b>      | <b>0.75</b>      |
|  | <b>Thermal Emittance</b>  | <b>0.90</b>      | <b>0.90</b>      |
|  | Rated Product ID Number   | <b>0616-0007</b> |                  |
|  | Licensed Seller ID Number | <b>0616</b>      |                  |
|  | Classification            | Production Line  |                  |
| <p>Cool Roof Rating Council ratings are determined for a fixed set of conditions, and may not be appropriate for determining seasonal energy performance. The actual effect of solar reflectance and thermal emittance on building performance may vary.</p> <p>Manufacturer of product stipulates that these ratings were determined in accordance with the applicable Cool Roof Rating Council procedures.</p> |                           |                  |                  |

46 Solar Reflectance Index (SRI) Initial: 110 Weathered: 93

# PolyBrite® 71-HS

Premium Grade Elastomeric Acrylic Roof Coating




## PACKAGING

17.9 Liters (4.75 Gallon) Pail



- 100% acrylic coating that forms a seamless roof membrane
- Superior UV durability
- Excellent resistance to asphalt staining or "bleed through"
- Fungal and algal resistant
- Class A Fire Rated
- Available in White
- Can be used to comply with 2016 Title 24 Part 6 Cool Roof Requirements (White only)

|  |                          |                  |                |                |
|--|--------------------------|------------------|----------------|----------------|
|    |                          |                  | Rapid          |                |
|  |                          | Initial          | Ratings*       | Weathered      |
|  | <b>Solar Reflectance</b> | <b>0.88</b>      | <b>Pending</b> | <b>Pending</b> |
|  | <b>Thermal Emittance</b> | <b>0.89</b>      | <b>Pending</b> | <b>Pending</b> |
|  | Rated Product ID         | <b>0616-0028</b> |                |                |
|  | Licensed Manufacturer ID | <b>0616</b>      |                |                |
|  | Classification           | Production Line  |                |                |
| <p>*CRRC Rapid Ratings: These are interim laboratory-aged values that simulate weathered values. These values will be replaced by the measured three-year aged values upon completion of the weathering process.</p> <p>Cool Roof Rating Council ratings are determined for a fixed set of conditions, and may not be appropriate for determining seasonal energy performance. The actual effects of solar reflectance and thermal emittance on building performance may vary.</p> <p>Manufacturer of product stipulates that these ratings were determined in accordance with the applicable Cool Roof Rating Council procedures.</p> |                          |                  |                |                |

Solar Reflectance Index (SRI) Initial: 110 Weathered: 98





A construction worker wearing a yellow t-shirt with a "POYGLASS" logo, safety glasses, and dark pants is using a long-handled tool to work on a concrete surface. The background is a textured concrete wall. The entire image has a blue color overlay.

# Silicone Coatings

# PolyBrite® 90

High Solids Silicone Roof Coating



## PACKAGING

18.9 Liters (5 Gallon) Pail



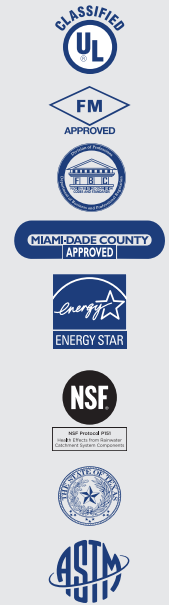
- ASTM D6694, C1305
- High solids, moisture-cure silicone coating that forms a seamless roof membrane
- Excellent resistance to weathering including UV radiation, extreme temperatures, rain, ice and snow
- Fungal and algal resistant
- Available in White
- Can be used to comply with 2016 Title 24 Part 6 Cool Roof Requirements

|  |                           |                  |                  |
|--|---------------------------|------------------|------------------|
|  |                           | <b>Initial</b>   | <b>Weathered</b> |
|  | <b>Solar Reflectance</b>  | <b>0.87</b>      | <b>0.70</b>      |
|  | <b>Thermal Emittance</b>  | <b>0.89</b>      | <b>0.90</b>      |
|  | Rated Product ID Number   | <b>0616-0013</b> |                  |
|  | Licensed Seller ID Number | <b>0616</b>      |                  |
|  | Classification            | Production Line  |                  |
| <p>Cool Roof Rating Council ratings are determined for a fixed set of conditions, and may not be appropriate for determining seasonal energy performance. The actual effect of solar reflectance and thermal emittance on building performance may vary.</p> <p>Manufacturer of product stipulates that these ratings were determined in accordance with the applicable Cool Roof Rating Council procedures.</p> |                           |                  |                  |

Solar Reflectance Index (SRI) Initial: 110 Weathered: 86

# PolyBrite® 95

Silicone Roof Coating



## PACKAGING

18.9 Liters (5 Gallon) Pail



- ASTM D6694, C1305
- Solvent-borne, moisture-cure silicone coating that forms a seamless roof membrane
- Excellent resistance to weathering including UV radiation, extreme temperatures, rain, ice and snow
- Offers high tensile strength and elongation
- Fungal and algal resistant
- Available in White
- Can be used to comply with 2016 Title 24 Part 6 Cool Roof Requirements

|  |                           |                  |                  |
|--|---------------------------|------------------|------------------|
|  |                           | <b>Initial</b>   | <b>Weathered</b> |
|  | <b>Solar Reflectance</b>  | <b>0.85</b>      | <b>0.66</b>      |
|  | <b>Thermal Emittance</b>  | <b>0.85</b>      | <b>0.90</b>      |
|  | Rated Product ID Number   | <b>0616-0014</b> |                  |
|  | Licensed Seller ID Number | <b>0616</b>      |                  |
|  | Classification            | Production Line  |                  |
| <p>Cool Roof Rating Council ratings are determined for a fixed set of conditions, and may not be appropriate for determining seasonal energy performance. The actual effect of solar reflectance and thermal emittance on building performance may vary.</p> <p>Manufacturer of product stipulates that these ratings were determined in accordance with the applicable Cool Roof Rating Council procedures.</p> |                           |                  |                  |

Solar Reflectance Index (SRI) Initial: 106 Weathered: 80

A blue-tinted photograph of a corrugated metal roof. The roof is the central focus, with its ridges and valleys creating a strong sense of perspective. In the background, there are dark silhouettes of trees and a building with a flat roof. The overall mood is industrial and professional.

# Primers

# PolyBrite® 98

One-Part Acrylic Primer/Bleed Blocker  
For Silicone Coatings



## PACKAGING

18.9 Liters (5 Gallon) Pail



- Enhances the adhesion of Polyglass silicone roof coating to a variety of porous and non-porous substrates
- Excellent Alkali resistance
- Cures to form a tack-free coating
- Low VOC
- Non-flammable
- Rain resistant after 3 hours
- Tinted green for easy identification

# PolyBrite® 745

Water-Based Primer/Adhesive



## PACKAGING

17.9 Liters (4.75 Gallon) Pail



- Stain blocking acrylic primer
- Provide enhanced adhesion of acrylic coatings
- Thin solution penetrates and dries quickly
- Low VOC
- Designed for use as a surface primer for horizontal and vertical surfaces
- Ideal primer for use with Polyglass cap sheets

# WB 3000

Fast-Drying, Water-Based primer



## PACKAGING

18.9 Liters (5 Gallon) Pail



- One component, water-based acrylic primer
- Enhances adhesion of self-adhered membranes and acrylic coatings
- Quickly dried to tacky surface
- Low VOC

# PolyBrite® 97x

Epoxy Primer



## PACKAGING

18.9 Liters (5 Gallon) Pail



- Two-component, 1 to 1 ration, water-based epoxy primer
- Enhances adhesion of Polyglass silicone coatings to a variety of porous and non-porous substrates
- Low VOC
- Non-flammable



A blue-tinted photograph of a flat roof with several HVAC units and a large tree in the background. The text "Flashing Compounds" is overlaid in white on the left side of the image.

# Flashing Compounds



# PolyBrite® 73

Elastomeric Flashing Compound with StretchSpan Technology™



## PACKAGING

6.8 Liters (1.8 Gallon) Pail  
17.9 Liters (4.75 Gallon) Pail



- Extremely pliable elastomeric mastic
- Forms a seamless, flexible waterproof membrane that expands and contracts with the movement of the roof surface
- Recommended for use at various seams, through-roof penetrations and fastener heads
- Excellent adhesion and flexibility

# PolyBrite® 77

Premium Grade SEBS Cement



## PACKAGING

13.2 Liters (3.5 Gallon) Pail



- Thermoplastic rubber coating and mastic
- Excellent for sealing screw heads and fasteners and seams on metal roof systems
- UV resistant
- Recommended for both horizontal and vertical seams
- Can also be used over concrete, aged TPO and PVC membranes

# PolyFlash™ 1C

One Part Flashing Compound



## PACKAGING

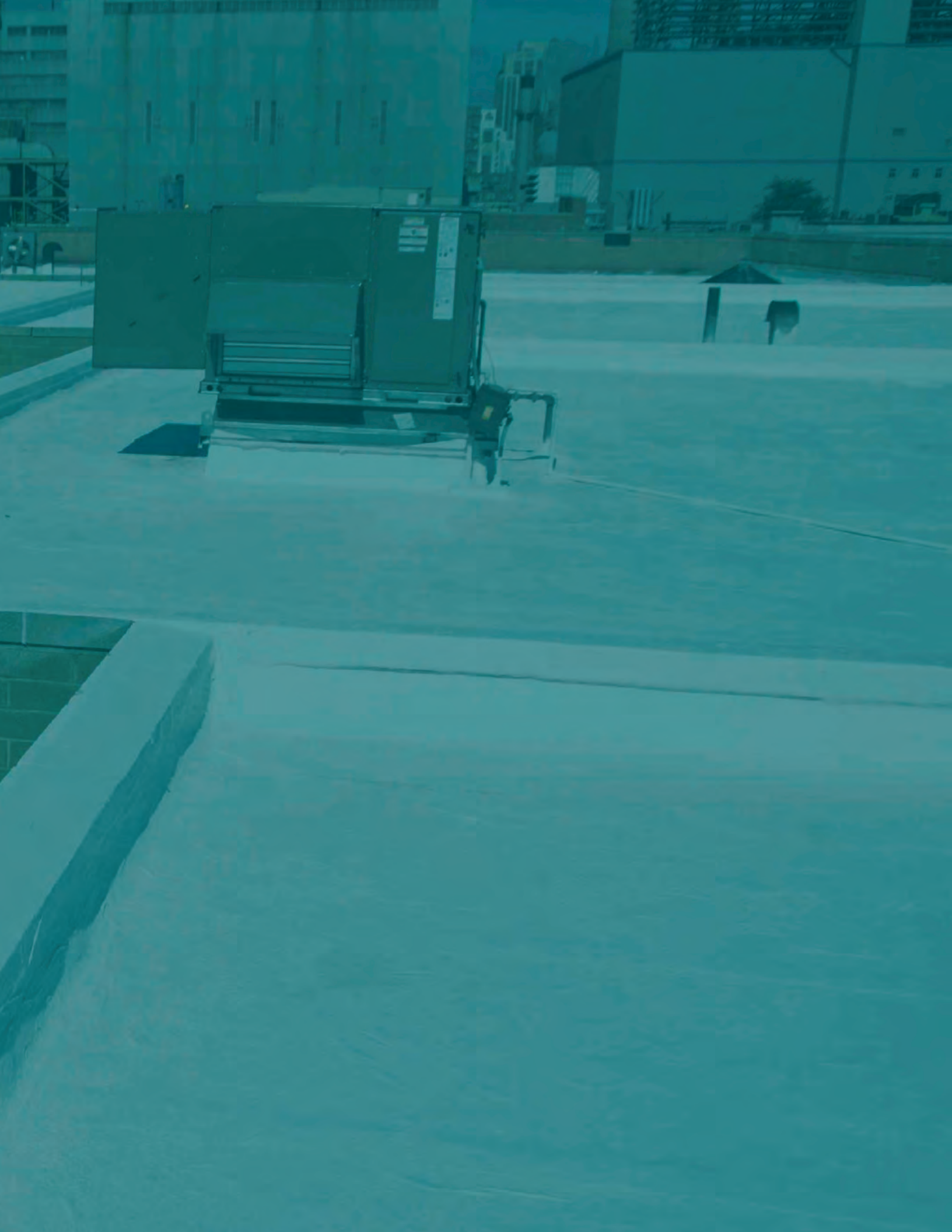
9.45 Liters (2.5 Gallon) Pail



- One component, moisture cure flashing compound designed for sealing various roofing and waterproofing details such as walls, curbs, vents, roof drains, pitch pans, and through-roof penetrations
- Recommended for use over mod bit membranes, conventional BUR, masonry, wood and gypsum board
- Crack bridging capabilities
- High tensile strength
- Monolithic application provides a watertight seal
- UV resistant



# Asphaltic Roof Coatings



# Primers

A person wearing a blue long-sleeved shirt and white gloves is applying a white primer to a corrugated metal surface using a brush. The image has a teal color overlay.

# PG 100

*Fast-Drying Asphalt Primer*



## PACKAGING

396g (14 Ounce) Can  
3.78 Liters (1 Gallon) Pail  
17.9 Liters (4.75 Gallon) Pail



- ASTM D41
- General purpose asphalt primer
- Promotes adhesion of hot-mopped, cold-applied and self-adhered membranes
- Enhances adhesion of roof cements, mastics and asphalt-based adhesives
- Use as a damp proofing compound for below grade walls
- Use as a protective coating on the inside of planter boxes





# Modified Cements & Adhesives

# PG 350

Modified Bitumen Adhesive



## PACKAGING

17.9 Liters (4.75 Gallon) Pail



- ASTM D3019 Type III
- Cold-applied bonding adhesive for SBS base and cap sheets
- Can be used as adhesive for sand-backed, APP membranes and bonds gravel or mineral granules to built up roofs
- Excellent adhesion after 24 hours; fully cured in 30 days
- Specifically formulated to be compatible with Polyglass roofing membranes

# PolyPlus® 50

Premium Modified Wet/Dry Cement



## PACKAGING

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



- ASTM D4586 Type I / D3409
- Premium wet/dry cement for flashing and detail work, and repairs on SBS membranes as well as various other membrane systems
- Can also be used for repair of shingles, BUR, concrete, and general damp proofing
- Performs well in wet, damp or underwater conditions
- Can be used to install metal edges and joints
- Superior to standard plastic cements
- Excellent flexibility, elasticity and adhesion
- 100% recycled cellulose fibers
- Specifically designed to be compatible with Polyglass roofing membranes

# PG 500

Modified Cement



## PACKAGING

17.9 Liters (4.75 Gallon) Pail



- ASTM D4586 Type I / D3409
- Cold-applied bonding agent for SBS roofing systems as well as various other membrane systems
- Ideal for flashing details, attachment of membrane to steep slopes and parapet walls and a variety of waterproofing repairs
- Superior to standard plastic cements
- Can be used to install metal edges and joints
- Excellent flexibility, elasticity and adhesion
- 100% recycled cellulose fibers







The background of the image shows several large rolls of a material, likely polyglass, stacked together. The rolls are partially unrolled, showing concentric layers. The entire image is overlaid with a semi-transparent teal color. The text is centered on the left side of the image.

# **Polyglass System Accessories**

## Polyslope



### PACKAGING

22.7kg (50 lb) Pail

- Water-repellent fiber reinforced skim mortar designed to be applied to areas of standing water on roofs to help promote positive drainage
- Ready-to-use, one-component, just add water, mix and place

## PolyBrite® FMT *Field Mix Thickener*



### PACKAGING

18.9 Liters (5 Gallon) Pail

- High tensile Polyethylene fiber which when mixed with PolyBrite silicone roof coatings, increases vertical hold for most surfaces and various roofing types
- Applicator can determine desired level of thickness by volume (recommended 20% - 50% by volume)

## Polyglass Detail & Repair Finish



### PACKAGING

3.78 Liters (1 Gallon) Pail  
18.9 Liters (5 Gallon) Pail



- Meant to treat details on Polyfresko G roofs
- Features same technology on Polyfresko G cap sheets
- Water based and environmentally friendly

## PolyBrite® Reinforcing Polyester



### PACKAGING

15cm x 91 linear meter (6" x 300') rolls  
30cm x 91 linear meter (12" x 300') rolls  
1m x 99 linear meter (40" x 324') rolls

- Stitchbond, light weight, high performance white 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 critical corrugations and laps found in metal roofing

# Reference Information



# COLOR SELECTION CHART

BLACK



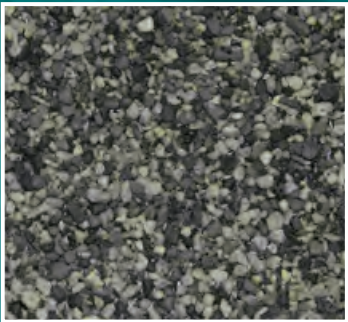
BUFF



CHESTNUT



GRAY SLATE



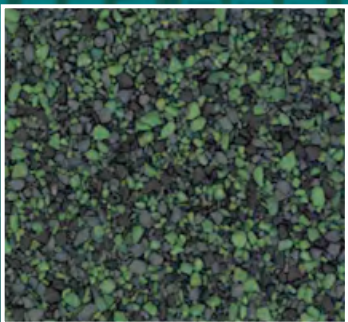
HEATHER BLEND



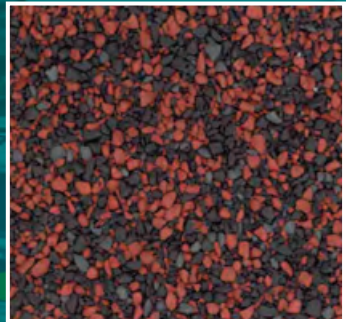
OAK



PINE GREEN



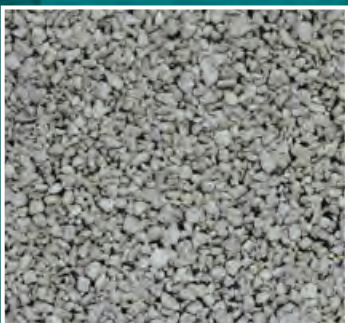
RED BLEND



WEATHERWOOD



WHITE



POLYFRESCO  
HIGHLY-REFLECTIVE WHITE



## ASTM

| D1970  | D6163   | D6164  | D6222             | D6509                 |
|--|---|--|-------------------|-----------------------|
| <p>Elastoflex SA Base</p> <p>Elastoflex SA Base HD</p> <p>Polystick IR-Xe</p> <p>Polystick MTS Plus</p> <p>Polystick TU Max</p> <p>Polystick TU Plus</p> | <p>Elastobase</p> <p>Elastoflex SA V</p> <p>Elastoflex SA V PLUS</p> <p>Elastoflex SA V FR</p> <p>Elastoflex V</p> <p>Elastoflex V 22</p> | <p>Elastoflex S6</p> <p>Elastoflex S6 22</p> <p>Elastoflex S6 25</p> <p>Elastoflex S6 G</p> <p>Elastoflex S6 G FR</p> <p>Elastoflex SA P</p> <p>Elastoflex SA P FR</p> <p>Elastoshield TS G FR</p> <p>Polyfresko G SBS</p> <p>Polyfresko G SBS SA</p> <p>Elastoflex S6 G HP</p> <p>Elastoflex S6 G HP FR</p> <p>Elastoshield TS G FR</p> | <p>Polyflex G</p> | <p>Polyglass Base</p> |



## POLYSTICK ROOF UNDERLAYMENTS REFERENCE CHART

| Product            | Basic Use    | ASTM  | Reinforcement Type | Top              | Nominal Thickness mm; mils | Length (m) | Width (m) |
|--------------------|--------------|-------|--------------------|------------------|----------------------------|------------|-----------|
| Polystick IR-Xe    | Underlayment | D1970 | Fiberglass         | Sand or Mineral  | 1.5mm;<br>60 mils          | 20         | .914      |
| Polystick MTS Plus | Underlayment | D1970 | Fiberglass         | Film             | 1.5mm;<br>60 mils          | 20         | 1         |
| Polystick TU Max   | Underlayment | D1970 | Polyester          | Polyester Fabric | 1.5mm;<br>60 mils          | 20         | 1         |
| Polystick TU Plus  | Underlayment | D1970 | Fiberglass         | Polyester Fabric | 2.0mm;<br>80 mils          | 20         | 1         |







# **Membrane Reference Chart**

| Product Name                          | Modifier | Mat        | ASTM  | Basic Use     | Top Surface | Bottom Surface |
|---------------------------------------|----------|------------|-------|---------------|-------------|----------------|
| Polyglass Base                        | APP      | Fiberglass | D6509 | Base          | Film        | Film           |
| Polyflex G                            | APP      | Polyester  | D6222 | Cap           | Granules    | Film           |
| Elastobase                            | SBS      | Fiberglass | D6163 | Base          | Film/Sand   | Film/Sand      |
| Elastoflex SA Base                    | SBS      | Polyester  | D1970 | Base          | Film        | Release Film   |
| Elastoflex SA Base HD                 | SBS      | Polyester  | D1970 | Base          | Film        | Release Film   |
| Elastoflex SA V                       | SBS      | Fiberglass | D6163 | Base/Interply | Film        | Release Film   |
| Elastoflex SA V FR                    | SBS      | Fiberglass | D6163 | Base/Interply | Film        | Release Film   |
| Elastoflex SA V PLUS                  | SBS      | Fiberglass | D6163 | Base/Interply | Film        | Release Film   |
| Elastoflex SA V PLUS FR               | SBS      | Fiberglass | D6163 | Base/Interply | Film        | Release Film   |
| Elastoflex SA P                       | SBS      | Polyester  | D6164 | Cap           | Granules    | Release Film   |
| Elastoflex SA P FR                    | SBS      | Polyester  | D6164 | Cap           | Granules    | Release Film   |
| Elastoflex S6 22                      | SBS      | Polyester  | D6164 | Base/Interply | Film/Sand   | Film/Sand      |
| Elastoflex S6 25                      | SBS      | Polyester  | D6164 | Base/Interply | Film/Sand   | Film/Sand      |
| Elastoflex S6                         | SBS      | Polyester  | D6164 | Base/Interply | Sand        | Film/Sand      |
| Elastoflex S6 G (180) TORCH           | SBS      | Polyester  | D6164 | Cap           | Granules    | Film           |
| Elastoflex S6 G FR (180) TORCH        | SBS      | Polyester  | D6164 | Cap           | Granules    | Film           |
| Elastoflex S6 G (180) MOP             | SBS      | Polyester  | D6164 | Cap           | Granules    | Sand           |
| Elastoflex S6 G FR (180) MOP          | SBS      | Polyester  | D6164 | Cap           | Granules    | Sand           |
| Elastoflex S6 G HP (250) (Type II)    | SBS      | Polyester  | D6164 | Cap           | Granules    | Film/Sand      |
| Elastoflex S6 G HP FR (250) (Type II) | SBS      | Polyester  | D6164 | Cap           | Granules    | Film/Sand      |
| Elastoflex V 22                       | SBS      | Fiberglass | D6163 | Base/Interply | Film/Sand   | Film/Sand      |
| Elastoflex V                          | SBS      | Fiberglass | D6163 | Base/Interply | Film/Sand   | Film/Sand      |
| ElastoShield TS G FR                  | SBS      | Polyester  | D6164 | Cap           | Granules    | Film/Sand      |
| Polyfresko G SBS                      | SBS      | Polyester  | D6164 | Cap           | Granules    | Film           |
| Polyfresko G SBS SA                   | SBS      | Polyester  | D6164 | Cap           | Granules    | Release Film   |

All values are nominal at time of manufacturing and properties are "as manufactured" unless otherwise noted. Coverages are nominal and approximate and can vary depending on application method and selvage configuration.

| Self-Adhered | Heat Weld | Hot Mop | Cold Process | Mechanical | Thickness (mm) | Thickness (mils) | Length (m) | Width (m) | Coverage (m <sup>2</sup> ) | Weight (kg) |
|--------------|-----------|---------|--------------|------------|----------------|------------------|------------|-----------|----------------------------|-------------|
|              | ▲         |         |              | ▲          | 2.0            | 80               | 20         | 1         | 20                         | 19          |
|              | ▲         |         |              |            | 4.5            | 180              | 10         | 10        | 10                         | 50          |
|              | ▲         | ▲       | ▲            | ▲          | 2.0            | 80               | 20         | 1         | 20                         | 48          |
| ▲            |           |         |              |            | 2.0            | 80               | 15         | 1         | 15                         | 36          |
| ▲            |           |         |              |            | 2.5            | 100              | 15         | 1         | 15                         | 43.5        |
| ▲            |           |         |              |            | 2.0            | 80               | 20         | 1         | 20                         | 44          |
| ▲            |           |         |              |            | 2.0            | 80               | 20         | 1         | 20                         | 44          |
| ▲            |           |         |              |            | 2.5            | 100              | 15         | 1         | 13.7                       | 46          |
| ▲            |           |         |              |            | 2.5            | 100              | 15         | 1         | 13.7                       | 46          |
| ▲            |           |         |              |            | 3.5            | 140              | 10         | 1         | 10                         | 41          |
| ▲            |           |         |              |            | 3.5            | 140              | 10         | 1         | 10                         | 41          |
|              | ▲         | ▲       | ▲            | ▲          | 2.2            | 90               | 15         | 1         | 15                         | 39          |
|              | ▲         | ▲       | ▲            | ▲          | 2.5            | 100              | 15         | 1         | 15                         | 41          |
|              | ▲         | ▲       | ▲            | ▲          | 3.0            | 118              | 10         | 1         | 10                         | 36          |
|              | ▲         |         |              |            | 4.0            | 160              | 8          | 1         | 8                          | 41          |
|              | ▲         |         |              |            | 4.0            | 160              | 8          | 1         | 8                          | 41          |
|              |           | ▲       | ▲            |            | 3.5            | 140              | 10         | 1         | 10                         | 44          |
|              |           | ▲       | ▲            |            | 3.5            | 140              | 10         | 1         | 10                         | 44          |
|              | ▲         | ▲       | ▲            |            | 4.0            | 160              | 8          | 1         | 8                          | 39          |
|              | ▲         | ▲       | ▲            |            | 4.0            | 160              | 8          | 1         | 8                          | 39          |
|              | ▲         | ▲       | ▲            | ▲          | 2.2            | 90               | 15         | 1         | 15                         | 39          |
|              | ▲         | ▲       | ▲            | ▲          | 3.0            | 120              | 10         | 1         | 10                         | 38          |
|              | ▲         | ▲       | ▲            |            | 4.5            | 180              | 10         | 1         | 10                         | 51          |
|              | ▲         |         |              |            | 4.2            | 165              | 10         | 1         | 10                         | 50          |
| ▲            |           |         |              |            | 3.6            | 142              | 10         | 1         | 10                         | 40          |

| Rolls/<br>Pallet | CGSB | CSA | RCABC | UL | FM | ICC-ES | FBC | Miami<br>Dade | TDI | CRRC | Page # |
|------------------|------|-----|-------|----|----|--------|-----|---------------|-----|------|--------|
| 20               |      |     |       | ▲  |    |        | ▲   | ▲             | ▲   |      | 22     |
| 20               |      |     |       | ▲  | ▲  | ▲      | ▲   | ▲             | ▲   |      | 22     |
| 20               | ▲    | ▲   | ▲     | ▲  | ▲  | ▲      | ▲   | ▲             | ▲   |      | 26     |
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| 20               |      | ▲   | ▲     | ▲  |    |        |     |               |     |      | 16, 32 |
| 20               | ▲    | ▲   | ▲     | ▲  | ▲  | ▲      | ▲   | ▲             | ▲   |      | 17, 33 |
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| 20               |      |     |       | ▲  | ▲  | ▲      | ▲   | ▲             | ▲   |      | 17, 33 |
| 20               |      |     |       | ▲  | ▲  | ▲      | ▲   | ▲             | ▲   |      | 17, 33 |
| 20               | ▲    | ▲   | ▲     | ▲  | ▲  | ▲      | ▲   | ▲             | ▲   | ▲    | 18, 34 |
| 20               | ▲    | ▲   | ▲     | ▲  | ▲  | ▲      | ▲   | ▲             | ▲   | ▲    | 18, 34 |
| 25               | ▲    | ▲   | ▲     | ▲  | ▲  |        |     |               |     |      | 26     |
| 25               | ▲    | ▲   | ▲     | ▲  | ▲  |        |     |               |     |      | 27     |
| 25               | ▲    | ▲   | ▲     | ▲  | ▲  |        | ▲   | ▲             | ▲   |      | 27     |
| 20               | ▲    | ▲   | ▲     | ▲  | ▲  | ▲      | ▲   | ▲             | ▲   | ▲    | 29     |
| 20               | ▲    | ▲   | ▲     | ▲  |    | ▲      | ▲   | ▲             | ▲   |      | 29     |
| 20               | ▲    | ▲   | ▲     | ▲  | ▲  | ▲      | ▲   | ▲             | ▲   |      | 29     |
| 20               | ▲    | ▲   | ▲     | ▲  | ▲  | ▲      | ▲   | ▲             | ▲   |      | 29     |
| 20               |      | ▲   | ▲     | ▲  |    |        | ▲   |               |     | ▲    | 30     |
| 20               |      | ▲   | ▲     | ▲  |    |        |     |               |     |      | 30     |
| 25               |      | ▲   | ▲     | ▲  | ▲  |        | ▲   | ▲             | ▲   |      | 28     |
| 25               |      | ▲   | ▲     | ▲  | ▲  |        | ▲   | ▲             | ▲   |      | 28     |
| 20               | ▲    | ▲   | ▲     |    |    | ▲      | ▲   | ▲             | ▲   |      | 31     |
| 20               |      |     |       | ▲  | ▲  |        | ▲   | ▲             | ▲   | ▲    | 31     |
| 20               |      |     |       | ▲  |    |        |     |               | ▲   | ▲    | 18, 34 |



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