

Kool Roof Solutions®

Highly Reflective White
Membranes and Coatings



POLYGLASS®
MAPEI
GROUP



I NEED A
Mobile Wash
your Car Wash App
BATTERSBY

STORAGE

CLUB storage

EXIT ONLY



Premium Roof Protection

POLYGLASS® is committed to providing Kool Roof Solutions for your cool roofing needs. Our white reflective 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 modified bitumen membranes or white roof coatings, Polyglass is driven to develop advanced, sustainable, 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.

☺☺ Cool roof technology provides the building owner a sustainable solution in extending the useful life of the roof while decreasing the temperature of the building. ☺☺





What is ADESO® Technology?

ADESO® Technology revolutionized the modified bitumen industry by manufacturing dual-compound self-adhered (SA) 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.

Feature & Benefits

- Labor savings with fast and clean installation
- Safe, no open flame application
- Superior watertight sealing
- Versatile roof systems for commercial and residential projects
- Long-term warranty protection
- Adheres to a variety of substrates
- Polyester or fiberglass reinforced
- Polar products available for cold weather application (25°F - 60°F)



Dual Compound

Combines a true APP or SBS compound top weathering surface with an aggressive self-adhesive compound on the bottom surface.



SEALLap® ULTRA

Instant side lap bond, tested stronger than all other application methods. This SA to SA bond provides a completely monolithic seal.



Multiple Surface Solutions

Provides solution for any roofing system need, allows a wide variety of surfacing option.



FASTLap®

Save time and labor with granule free end laps.



Competitor Granulated Cap Sheet



Polyglass FASTLap Granule Free End Laps



What is CURE Technology®?

CURE Technology® is a patented thin film technology, resulting in a modified bitumen membrane with greatly enhanced performance benefits without compromising the ease of installation and overall value expected from Polyglass products.

Features & Benefits

- Featured on all Polyfresko® cap sheets
- Vastly improved surface reflectivity and membrane emissivity
- Exceptional granule adhesion
- Ultraviolet stabilizers resulting in greater durability and longevity
- Minimal scorching with torch application
- Impact, scuff and stain resistant
- Mold and fungus resistant
- Solvent-free and environmentally friendly



Stain-Free

Minimal staining on the surface of the cap sheet; significantly resists discoloration. Maintains its color integrity over time.



Granule Adhesion

Superior granule adhesion, minimal loss of granules when exposed to foot traffic and other elements.



Reflectivity

Initial reflectivity ratings above industry standards, maintains reflectivity performance over time.



Thin Film Technology

Minimal surface finishing while maintaining granule appearance, increased durability and improved reflectivity.

AFTER 20 YEARS

Product samples shown after approximately 20 years of simulated accelerated weathering.



Polyfresko G



Competitor A



Competitor B



Competitor C

Polyfresko® membranes premium APP (plastomeric) or SBS (elastomeric) modified bitumen roofing membrane specifically designed for torch applications. Polyfresko® has a highly-reflective granular surface and features patented CURE Technology® - a thin film technology applied during the manufacturing process resulting in a roof surface resistant to granule loss and discoloration.

- Constructed with a polyester reinforcement providing superior tear strength and puncture resistance
- Demonstrated to maintain exceptional reflectivity overtime
Solar Reflectance Index (SRI Initial: 96, 3-Year Weathered: 83)
- Burn-off film backing for heat-welded applications
- Minimal "torch scorch" for improved aesthetics, stain-free and will not discolor over time
- For applications directly over acceptable substrates and/or part of multi-ply systems

Features

- Patented CURE Technology®
- Patented FASTLap® granule-free roll ends
- UL Class A Fire Rating, on approved assemblies
- CRRC Listed, meets the requirements of California Energy Commission (CEC) Title 24 Section 110.8 (i)4
- Available in FR version

Benefits

- Maintains reflectivity and bright white appearance
- Exceptional granule retention;
0.09g (APP) or 0.11g (SBS) loss vs. ASTM maximum 2.0g
- Stain resistant



POLYGLASS DETAIL & REPAIR FINISH

Designed to treat details on Polyfresko roofs







Rated Product ID #: 0616-0011a

	Initial	Aged
Solar Reflectance	0.77	0.68
Thermal Emittance	0.90	0.88

The ratings above are subject to CRRC rating program conditions, requirements, and limitations. Visit coolroofs.org for important information and disclaimers about CRRC rating conditions, requirements, and limitations.

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

Product	Product Modifier	Net Coverage (Approx)	Weight	Nominal Thickness	California Title 24	ASTM	UL	FM	ICC-ES	FBC	Miami-Dade	TDI
Polyfresko® G	APP	100ft² (9.3m²)	110lbs (50kg)	165mils (4.2mm)	✓	D6222 Type I	✓	✓	✓	✓	✓	✓
Polyfresko® G FR	APP	100ft² (9.3m²)	117lbs (53kg)	165mils (4.2mm)	✓	D6222 Type I	✓	✓	✓	✓	✓	✓
Polyfresko® G HP FR	APP	100ft² (9.3m²)	116lbs (53kg)	173mils (4.4mm)	✓	D6222, Type II	✓	✓				
Polyfresko® G SBS	SBS	100ft² (9.3m²)	97lbs (43kg)	160mils (4.0mm)	✓	D6164 Type I	✓	✓	✓		✓	✓
Polyfresko® G SBS FR	SBS	100ft² (9.3m²)	97lbs (43kg)	160mils (4.0mm)	✓	D6164 Type I	✓	✓	✓		✓	✓
Polyfresko® G SBS HP FR	SBS	100ft² (9.3m²)	110lbs (50kg)	165mils (4.2mm)	✓	D6164, Type II	✓					

Polyfresko® self-adhered, highly reflective granular surfaced APP (plastomeric) or SBS (elastomeric) modified bitumen roofing membrane for self-adhered application. Manufactured using patented ADESO® Dual-Compound Self-Adhered Technology, Polyfresko® cap sheets feature patented FASTLap® for granule free roll ends, as well as SEALLap® ULTRA; a side lap with self-adhesive compound for an instant bond, tested stronger than all other application methods. Polyfresko® G SA has a highly reflective granular surface and features patented CURE Technology® - a thin film technology applied during the manufacturing process resulting in a roof surface resistant to granule loss and discoloration.

- Constructed with a polyester reinforcement providing superior tear strength and puncture resistance
- Maintains reflectivity
- Designed for self-adhered applications directly over acceptable substrates and/or part of multi-ply systems
- Stain free and will not discolor over time
- ADESO® Self-Adhered Technology provides ease of installation and no fumes
- No asphalt bleed-out at seams for clean appearance

Features

- Patented CURE Technology®
- Patented ADESO® Technology
- Patented SEALLap® Technology
- Patented FASTLap® granule-free roll ends
- UL Class A Fire Rating, on approved assemblies
- CRRC Listed, meets the requirements of California Energy Commission (CEC) Title 24 Section 110.8 (i)4
- Available in FR version with FM Approval

Benefits

- Exceptional granule retention;
0.09g (APP) or 0.11g (SBS) loss vs. ASTM maximum 2.0g





	Rated Product ID #: 0616-0011a		
		Initial	Aged
	Solar Reflectance	0.77	0.68
	Thermal Emittance	0.90	0.88
<p>The ratings above are subject to CRRC rating program conditions, requirements, and limitations. Visit coolroofs.org for important information and disclaimers about CRRC rating conditions, requirements, and limitations.</p>			

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

Product	Product Modifier	Net Coverage (Approx)	Weight	Nominal Thickness	California Title 24	ASTM	UL	FM	ICC-ES	FBC	Miami-Dade	TDI
Polyfresko® G SA	APP	100ft ² (9.3m ²)	90lbs (41kg)	150mils (3.8mm)	✓	D6222 Type I	✓	✓	✓	✓	✓	✓
Polyfresko® G SA FR	APP	100ft ² (9.3m ²)	90lbs (41kg)	160mils (4.0mm)	✓	D6222 Type I	✓	✓	✓	✓	✓	✓
Polyfresko® G SBS SA	SBS	100ft ² (9.3m ²)	88lbs (40kg)	142mils (3.6mm)	✓	D6164 Type I	✓	✓	✓		✓	✓
Polyfresko® G SBS SA FR	SBS	100ft ² (9.3m ²)	88lbs (40kg)	142mils (3.6mm)	✓	D6164 Type I	✓	✓	✓		✓	✓

POLYBRITE® 70

PREMIUM GRADE ELASTOMERIC ROOF COATING

PolyBrite® 70 is a 100% acrylic, premium grade water-based elastomeric coating available in white or as tinted, which cures to form a seamless membrane when applied over the entire roof area. PolyBrite® 70 has higher TiO₂ levels and other premium filling agents. Available in 4.75 (17.9 Liters) gallon pails, 50 (189 Liters) gallon drums, and 275 (1039.5 Liters) gallon totes.

- Suitable for use on various BUR and polymer modified roof membranes with smooth and mineral surfaces, most metal roof systems, thermoplastic and thermoset single-ply membranes (a primer may be required), concrete, exterior-grade plywood, rigid coverboards such as Dens-Deck® and Securock®
- Suitable for use on cementitious stucco, EIFS and other masonry surfaces



Features

- ASTM D6083-18, Type I & II
- UL Class A Fire Rating
- High tensile strength and elongation
- Low VOC, non-flammable and presents minimal hazard to the environment
- CRRC Listed, meets the requirements of California Energy Commission (CEC) Title 24 Section 110.8 (i)4

Benefits

- Extends the life cycle of new and existing roof systems
- Keeps the roof surface cool
- UV resistant
- Resistant to dirt pick-up
- Fungal and algae resistant

	Rated Product ID #: 0616-0006													
		<table border="1"> <thead> <tr> <th></th> <th>Smooth</th> <th>Rough</th> </tr> <tr> <th></th> <th>Initial / Aged</th> <th>Initial / Aged</th> </tr> </thead> <tbody> <tr> <td>Solar Reflectance</td> <td>0.87 / 0.75</td> <td>Not Rated</td> </tr> <tr> <td>Thermal Emittance</td> <td>0.90 / 0.90</td> <td>Not Rated</td> </tr> </tbody> </table>		Smooth	Rough		Initial / Aged	Initial / Aged	Solar Reflectance	0.87 / 0.75	Not Rated	Thermal Emittance	0.90 / 0.90	Not Rated
		Smooth	Rough											
	Initial / Aged	Initial / Aged												
Solar Reflectance	0.87 / 0.75	Not Rated												
Thermal Emittance	0.90 / 0.90	Not Rated												
<p>The ratings above are subject to CRRC rating program conditions, requirements and limitations. Visit coolroofs.org for important information and disclaimers about CRRC rating requirements and limitations. For the purposes of a CRRC rating, a rough substrate is defined as a surface that is equally coarse or coarser than a new (i.e., unweathered) #11 granulated modified bitumen sheet.</p>														

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

POLYBRITE® 70-QS

QUICK SETTING PREMIUM GRADE ELASTOMERIC ROOF COATING

PolyBrite® 70-QS is a premium grade water-based elastomeric coating available in white or as tinted, which cures to form a seamless membrane when applied over the entire roof area. PolyBrite® 70-QS offers the ability to extend the life cycle of new and existing roof systems, in addition to keeping the surface cool, providing protection from ultraviolet sun and other weather exposures. PolyBrite® 70-QS employs a quick set polymer which can provide some resistance to early rain exposure. Available in 4.75 (17.9 Liters) gallon pails, 50 (189 Liters) gallon drums, and 275 (1039.5 Liters) gallon totes.



- Suitable for use on various conventional BUR and polymer modified roof membranes with mineral surfacing, sprayed polyurethane foam, most metal roof systems, single-ply membranes (primers or special precautions may be required), concrete, exterior-grade plywood, rigid coverboards such as Dens-Deck® and Securock®. A substrate adhesion test is recommended prior to product application.
- Suitable for use on cementitious stucco, EIFS and other masonry surfaces.



Features

- ASTM D6083
- UL Class A Fire Rating
- High tensile strength and elongation
- Low VOC, non-flammable and presents minimal hazard to the environment
- CRRC Listed, meets the requirements of California Energy Commission (CEC) Title 24 Section 110.8 (i)4

Benefits

- UV resistant
- Extends the life cycle of new and existing roof systems
- Keeps the roof surface cool
- Fungal and algae resistant
- Resistant to dirt pick up

	Rated Product ID #: 0616-0034													
		<table border="1"> <tr> <td></td> <td>Smooth</td> <td>Rough</td> </tr> <tr> <td></td> <td>Initial / Aged</td> <td>Initial / Aged</td> </tr> <tr> <td>Solar Reflectance</td> <td>0.87 / 0.78</td> <td>Not Rated</td> </tr> <tr> <td>Thermal Emittance</td> <td>0.89 / 0.89</td> <td>Not Rated</td> </tr> </table>		Smooth	Rough		Initial / Aged	Initial / Aged	Solar Reflectance	0.87 / 0.78	Not Rated	Thermal Emittance	0.89 / 0.89	Not Rated
		Smooth	Rough											
	Initial / Aged	Initial / Aged												
Solar Reflectance	0.87 / 0.78	Not Rated												
Thermal Emittance	0.89 / 0.89	Not Rated												
<p>The ratings above are subject to CRRC rating program conditions, requirements and limitations. Visit coolroofs.org for important information and disclaimers about CRRC rating requirements and limitations. For the purposes of a CRRC rating, a rough substrate is defined as a surface that is equally coarse or coarser than a new (i.e., unweathered) #11 granulated modified bitumen sheet.</p>														

Solar Reflectance Index (SRI) Initial: 110 Aged: 97

PG 700

HIGH QUALITY ELASTOMERIC ROOF COATING

PG 700 is a high quality water-based elastomeric coating available in white or as tinted, which cures to form a seamless membrane when applied over the entire roof area. Available in bright white and grey in 4.75 (17.9 Liters) gallon pails, 50 (189 Liters) gallon drums, and 275 (1039.5 Liters) gallon totes.

- Suitable for use on various BUR (smooth) and polymer modified roof membranes and mineral surfaces, most metal roof systems, thermoplastic and thermoset single-ply membranes (a primer may be required), concrete, exterior-grade plywood, rigid coverboards such as Dens-Deck® and Securock®
- Suitable for use on cementitious stucco, EIFS and other masonry surfaces



Features

- ASTM D6083
- High tensile strength and elongation
- Low VOC, non-flammable and presents minimal hazard to applicator or the environment
- CRRC Listed, meets the requirements of California Energy Commission (CEC) Title 24 Section 110.8 (i)4

Benefits

- Extends the useful life of the roof
- UV resistant
- Resistant to dirt pick-up

	Rated Product ID #: 0616-0007		
		Smooth	Rough
	Solar Reflectance	Initial / Aged 0.87 / 0.75	Initial / Aged Not Rated
Thermal Emittance	0.90 / 0.90	Not Rated	
<small>The ratings above are subject to CRRC rating program conditions, requirements and limitations. Visit coolroofs.org for important information and disclaimers about CRRC rating requirements and limitations. For the purposes of a CRRC rating, a rough substrate is defined as a surface that is equally coarse or coarser than a new (i.e., unweathered) #11 granulated modified bitumen sheet.</small>			

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

PG 700-QS

QUICK SETTING HIGH QUALITY ELASTOMERIC ROOF COATING

PG 700-QS is a high quality water-based elastomeric coating available in white or as tinted, which cures to form a seamless membrane when applied over the entire roof area. In addition to keeping the surface cool, PG 700-QS extends the life cycle of new and existing roof systems, providing protection from ultraviolet sun and other weather exposures. PG 700-QS employs a quick setting polymer which can provide some resistance to early rain exposure. Available in 4.75 (17.9 Liters) gallon pails, 50 (189 Liters) gallon drums, and 275 (1039.5 Liters) gallon totes.

- Suitable for use on various conventional BUR and polymer modified roof membranes with mineral surfacing, spray polyurethane foam, most metal roof systems, single-ply membranes (primers or special precautions may be required), concrete, exterior-grade plywood, rigid coverboards such as Dens-Deck® and Securock®. A substrate adhesion test is recommended prior to product application.
- Suitable for use on cementitious stucco, EIFS and other masonry surfaces.

Features

- ASTM D6083
- High tensile strength and elongation
- Low VOC, non-flammable and presents minimal hazard to applicator or the environment
- CRRC Listed, meets the requirements of California Energy Commission (CEC) Title 24 Section 110.8 (i)4



Benefits

- Extends the useful life of the roof
- UV resistant
- Resistant to dirt pick-up

	Rated Product ID #: 0616-0035													
		<table border="1"> <tr> <td></td> <td>Smooth</td> <td>Rough</td> </tr> <tr> <td></td> <td>Initial / Aged</td> <td>Initial / Aged</td> </tr> <tr> <td>Solar Reflectance</td> <td>0.86 / 0.78</td> <td>Not Rated</td> </tr> <tr> <td>Thermal Emittance</td> <td>0.90 / 0.90</td> <td>Not Rated</td> </tr> </table>		Smooth	Rough		Initial / Aged	Initial / Aged	Solar Reflectance	0.86 / 0.78	Not Rated	Thermal Emittance	0.90 / 0.90	Not Rated
		Smooth	Rough											
	Initial / Aged	Initial / Aged												
Solar Reflectance	0.86 / 0.78	Not Rated												
Thermal Emittance	0.90 / 0.90	Not Rated												
<small>The ratings above are subject to CRRC rating program conditions, requirements and limitations. Visit coolroofs.org for important information and disclaimers about CRRC rating requirements and limitations. For the purposes of a CRRC rating, a rough substrate is defined as a surface that is equally coarse or coarser than a new (i.e., unweathered) #11 granulated modified bitumen sheet.</small>														

Solar Reflectance Index (SRI) Initial:110 Aged: 97

POLYBRITE® 75

HIGH TENSILE PREMIUM ELASTOMERIC ROOF COATING

PolyBrite® 75 is a high tensile, superior grade water-based elastomeric coating. This proprietary formulation using 100% acrylic resins cures to form a seamless fluid applied roof membrane. PolyBrite® 75 conforms with ASTM D6083 Standard Specification for Acrylic Roof Coatings and can be used as either a base or surface coat. This product has excellent adhesion to polyurethane foam (SPUF) and a variety of other construction and roofing substrates, and can exceed the expected tensile strength of typical acrylic roof coatings. Available in 4.75 (17.9 Liters) gallon pails, 50 (189 Liters) gallon drums, and 275 (1039.5 Liters) gallon totes.



- Prolongs the life of built-up and modified bitumen roofing
- Approved over SPUF, most metal roofs, concrete, exterior grade plywood, rigid coverboards, and thermoplastic and thermoset membranes (may require primer)



Features

- ASTM D6083
- Excellent exterior durability on roof exposure
- Good adhesion to polyurethane foam and many other construction substrates
- Flexible at low temperatures
- Excellent elongation at temperatures down to -15°F
- UL Class A Fire Rating

Benefits

- Excellent dirt pick-up resistance
- Better hail resistance than typical elastomeric roof coatings
- UV resistant
- Excellent toughness to withstand foot traffic and routine rooftop maintenance activities
- Low toxicity and odor
- Easy application and simple cleanup with water

	Rated Product ID #: 0616-0029													
		<table border="1"> <thead> <tr> <th></th> <th>Smooth</th> <th>Rough</th> </tr> <tr> <th></th> <th>Initial / Aged</th> <th>Initial / Aged</th> </tr> </thead> <tbody> <tr> <td>Solar Reflectance</td> <td>0.86 / 0.79</td> <td>Not Rated</td> </tr> <tr> <td>Thermal Emittance</td> <td>0.89 / 0.88</td> <td>Not Rated</td> </tr> </tbody> </table>		Smooth	Rough		Initial / Aged	Initial / Aged	Solar Reflectance	0.86 / 0.79	Not Rated	Thermal Emittance	0.89 / 0.88	Not Rated
		Smooth	Rough											
	Initial / Aged	Initial / Aged												
Solar Reflectance	0.86 / 0.79	Not Rated												
Thermal Emittance	0.89 / 0.88	Not Rated												
<p>The ratings above are subject to CRRC rating program conditions, requirements and limitations. Visit coolroofs.org for important information and disclaimers about CRRC rating requirements and limitations. For the purposes of a CRRC rating, a rough substrate is defined as a surface that is equally coarse or coarser than a new (i.e., unweathered) #11 granulated modified bitumen sheet.</p>														

Solar Reflectance Index (SRI) Initial:108 Aged: 98

POLYBRITE® 71-HS

PREMIUM GRADE ELASTOMERIC ACRYLIC ROOF COATING

PolyBrite® 71-HS is a high solids, premium grade water-based elastomeric coating. This proprietary formulation using 100% acrylic resins cures to form a seamless fluid applied roof membrane. PolyBrite® 71-HS offers the unique ability to extend the life of a roofing system and lower overall life cycle costs. When applied in white, PolyBrite® 71-HS is highly reflective keeping the roof surface cool and providing protection from UV and other weather exposures. Available in 4.75 (17.9 Liters) gallon pails, 50 (189 Liters) gallon drums, and 275 (1039.5 Liters) gallon totes.



- Protect and seal a variety of roof surfaces
- Functions as either a base or surface coating
- Suitable for use on various conventional asphalt built-up roofs, granulated modified roof membranes, most metal roof systems, thermoplastic and thermoset single-ply membranes (a primer may be required), concrete, exterior-grade plywood, SPUF, rigid coverboards such as Dens-Deck® and Securock®. Use on certain substrates may be limited or require additional work depending on substrate or project conditions
- Suitable for use on cementitious stucco, EIFS, and other masonry surfaces



Features

- ASTM D6083-18, Type I & II
- Offers high tensile strength and elongation
- Resistant to asphalt staining, excellent “bleed through” resistance
- UL Class A Fire Rating
- CRRC Listed, meets the requirements of California Energy Commission (CEC) Title 24 Section 110.8 (i)4

Benefits

- Extends the useful life of the roof
- UV resistant
- Resistant to dirt pick-up
- Fungal and algae resistant - even in high temperatures
- Low VOC, non-flammable and presents minimal hazard to the applicator or the environment

	Rated Product ID #: 0616-0033													
		<table border="1"> <tr> <td></td> <td>Smooth</td> <td>Rough</td> </tr> <tr> <td></td> <td>Initial / Aged</td> <td>Initial / Aged</td> </tr> <tr> <td>Solar Reflectance</td> <td>0.86 / 0.78</td> <td>Not Rated</td> </tr> <tr> <td>Thermal Emittance</td> <td>0.89 / 0.89</td> <td>Not Rated</td> </tr> </table>		Smooth	Rough		Initial / Aged	Initial / Aged	Solar Reflectance	0.86 / 0.78	Not Rated	Thermal Emittance	0.89 / 0.89	Not Rated
		Smooth	Rough											
	Initial / Aged	Initial / Aged												
Solar Reflectance	0.86 / 0.78	Not Rated												
Thermal Emittance	0.89 / 0.89	Not Rated												
<p>The ratings above are subject to CRRC rating program conditions, requirements and limitations. Visit coolroofs.org for important information and disclaimers about CRRC rating requirements and limitations. For the purposes of a CRRC rating, a rough substrate is defined as a surface that is equally coarse or coarser than a new (i.e., unweathered) #11 granulated modified bitumen sheet.</p>														

Solar Reflectance Index (SRI) Initial:108 Aged: 97

POLYBRITE® 24

WATER-BASED ELASTOMERIC ROOF COATING

PolyBrite® 24 is a water-based acrylic latex elastomeric coating which cures to form a seamless membrane when applied over the entire roof area. PolyBrite® 24 offers the unique ability to extend the life cycle of new and existing roof systems, in addition to keeping the surface cool, providing protection from ultraviolet rays and other weather exposures. PolyBrite® 24 is available in white and grey. Available in 4.75 (17.9 Liters) gallon pails, 50 (189 Liters) gallon drums, and 275 (1039.5 Liters) gallon totes.



- Suitable for use on various BUR and polymer modified roof membranes with smooth and mineral surfaces, spray polyurethane foam, most metal roof systems thermoplastic and thermoset single-ply membranes (a primer may be required), concrete, exterior-grade plywood, rigid coverboards such as Dens-Deck® and Securock®
- Suitable for use on cementitious stucco, EIFS and other masonry surfaces

Features

- Low VOC, non-flammable and presents minimal hazard to the environment
- CRRC Listed, meets the requirements of California Energy Commission (CEC) Title 24 Section 110.8 (i)4

Benefits

- Extends the useful life of the roof
- UV resistant
- Resistant to dirt pick-up
- Fungal and algae resistant

	Rated Product ID #: 0616-0012		
		Smooth	Rough
	Solar Reflectance	Initial / Aged 0.83 / 0.70	Initial / Aged Not Rated
	Thermal Emittance	Initial / Aged 0.88 / 0.88	Initial / Aged Not Rated
<small>The ratings above are subject to CRRC rating program conditions, requirements and limitations. Visit coolroofs.org for important information and disclaimers about CRRC rating requirements and limitations. For the purposes of a CRRC rating, a rough substrate is defined as a surface that is equally coarse or coarser than a new (i.e., unweathered) #11 granulated modified bitumen sheet.</small>			

Solar Reflectance Index (SRI) Initial: 104 Aged: 85

POLYBRITE® 71

ELASTOMERIC BASE COAT

PolyBrite® 71 is a quality grade, water-based elastomeric base coat. This formulation uses 100% acrylic resins cures to form a seamless fluid applied roof membrane. As a base coat, it provides excellent bleed through resistance. PolyBrite® 71 provides protection from UV and other weather exposures. PolyBrite® 71 is available in kool grey. Available in 5 (18.9 Liters) gallon pails, 55 (208.1 Liters) gallon drums, and 250 (945 Liters) gallon totes.

- Protect and weatherproof a variety of roof surfaces.
- Can be applied over various conventional BUR, modified bitumen with smooth and mineral surfacing, most metal roofs, exterior grade plywood, Single-Ply membranes (primer may be required), rigid cover boards such as Dens-Deck® and Securock®, cementitious stucco and concrete materials. A substrate adhesion test is recommended prior to product application.
- Suitable as a stain blocking coating prior to the application of white surface coatings.

Features

- Flexible and durable
- Offers high tensile strength and elongation
- Resistant to asphalt staining, excellent “bleed through” resistance
- Will expand and contract with movement of roof surfaces

Benefits

- UV resistant
- Resistant to dirt pick-up
- Fungal and algae resistant - even in high temperatures
- Low VOC and non-flammable



POLYBRITE® 95.1

SILICONE ROOF COATING

PolyBrite® 95.1 is a ready-to-use, solvent borne, moisture cure silicone roof coating available in white or as tinted, which cures to form a seamless membrane when applied over the entire roof area. It also keeps the surface cool, providing protection from ultraviolet sun and other weather exposures.

- Designed for use on existing smooth surface BUR, granulated cap sheets, well adhered acrylic coatings, concrete, metal, sprayed in place polyurethane foam (SPUF) and various single-ply roofing membranes. Primer may be required. Contact Polyglass Technical Services for clarification of unusual surfaces or project conditions



Features

- ASTM D6694
- Excellent resistance to weathering
- CRRC Listed, meets the requirements of California Energy Commission (CEC) Title 24 Section 110.8 (i)4

Benefits

- UV resistant
- Can reduce energy costs by decreasing roof surface temperature
- Offers high tensile strength and elongation.
- Fungal and algae resistant

	Rated Product ID #: 0616-0031		
		Smooth	Rough
	Solar Reflectance	Initial / Aged 0.87 / 0.73	Initial / Aged Not Rated
Thermal Emittance	0.90 / 0.90	Not Rated	
<small>The ratings above are subject to CRRC rating program conditions, requirements and limitations. Visit coolroofs.org for important information and disclaimers about CRRC rating requirements and limitations. For the purposes of a CRRC rating, a rough substrate is defined as a surface that is equally coarse or coarser than a new (i.e., unweathered) #11 granulated modified bitumen sheet.</small>			

Solar Reflectance Index (SRI) Initial: 110 Aged: 90
(CRRC listing is for white only.)

POLYBRITE® 90.1

HIGH SOLIDS SILICONE ROOF COATING

PolyBrite® 90.1 is a premium grade high solids, moisture cure, liquid applied silicone coating which cures to form a seamless membrane when applied over the entire roof area. It also keeps the surface cool, providing protection from ultraviolet sun and other weather exposures.

- Designed for use on existing smooth surface BUR, granulated cap sheets, well adhered acrylic coatings, concrete, metal, sprayed in place polyurethane foam (SPF) and various single-ply roofing membranes. Primer may be required. Contact Polyglass Technical Services for clarification of unusual surfaces or project conditions



Features

- ASTM D6694, C1305
- Excellent resistance to weathering
- CRRC Listed, meets the requirements of California Energy Commission (CEC) Title 24 Section 110.8 (i)4

Benefits

- UV resistant
- Can reduce energy costs by decreasing roof surface temperature
- Fungal and algae resistant

	Rated Product ID #: 0616-0030		
		Smooth	Rough
	Solar Reflectance	Initial / Aged 0.89 / 0.73	Initial / Aged Not Rated
Thermal Emittance	0.90 / 0.88	Not Rated	
<small>The ratings above are subject to CRRC rating program conditions, requirements and limitations. Visit coolroofs.org for important information and disclaimers about CRRC rating requirements and limitations. For the purposes of a CRRC rating, a rough substrate is defined as a surface that is equally coarse or coarser than a new (i.e., unweathered) #11 granulated modified bitumen sheet.</small>			

Solar Reflectance Index (SRI) Initial: 113 Age: 90
(CRRC listing is for white only.)

Don't Forget

Your Polyglass Roofing Accessories



Polyglass Detail & Repair Finish can be used to touch-up all flashing details, and can also be used to coat standard granules used at seam bleed-out and repairs to unify and beautify the roof appearance. In addition to having an initial SRI greater than 96, Polyglass Detail & Repair Finish will enhance granule retention and provide improved abrasion and scuff resistance. Polyglass Detail & Repair Finish is water based and environmentally friendly.

Packaging

0.9 Gallon (3.4 Liters) Pail

4.75 Gallon (17.9 Liters) Pail



POLYFLASH® 1C ONE PART FLASHING COMPOUND

PolyFlash® 1C is a one-component, state-of-the-art, silane modified polyurethane flashing compound designed for sealing and waterproofing roofing details, flashings and penetrations on a wide variety of roofing systems. When combined with PolyBrite® reinforcing polyester fabric this product can permanently solve typical and challenging flashing needs.

Packaging

1 Gallon (3.78 Liters) Pail

2.5 Gallon (9.45 Liters) Pail



Accessories





Polyglass provides a variety of accessories to ensure that you complete a quality roof system.

- Primers
- Flashing Compounds
- Modified Cements and Adhesives
- Edge Metal

And More!



Scan to learn more!



Kool Roof Solutions®

Highly Reflective White
Membranes and Coatings



POLYGLASS®



POLYGLASS U.S.A., Inc.

1111 West Newport Center Drive

Deerfield Beach, FL 33442

pgmarketing@polyglass.com

Customer Service: (800) 222-9782

polyglass.us

© 2023 Polyglass U.S.A., Inc. All rights reserved.

All information printed is accurate at the time of publication and may change at any time with or without notice. For the most up to date information and data, please visit our website at polyglass.us.