



White Elastomeric Roof Coatings

The Potential to Reduce Energy Costs While Extending the Useful Life of Your Roof



White Elastomeric Coatings

Premium Roof Protection

White, highly reflective elastomeric coatings protect your roof from deterioration caused by heat absorption and UV radiation due to the sun, and provide a seamless barrier against corrosive elements that lead to moisture penetration and damaging leaks.

Polyglass' premium white elastomeric coatings are part of our Kool Roof Solutions™ - offering you long-term protection to help keep your building cool and can help to avoid costly roof replacements.

- PolyBrite® 24 offers high levels of solar reflectance and thermal emittance, is CRRC Listed, and can be used to comply with 2016 Title 24 Part 6 Cool Roof Requirements.
- In addition, PG 700 and PolyBrite® 70 are also Miami-Dade County Approved, comply with Florida Building Code and meet or exceed the requirements of ASTM D6083 Standard Specification for Liquid-Applied Acrylic Coating Used in Roofing.
- PolyBrite® 70 is also UL Classified and FM Approved.

Surface Temperatures of Various Roof Surfaces:

Conditions: Ambient Temperature: 88 degrees (°F), Clear Skies, Central Florida

PolyBrite® 70	93°F
Concrete	150°F
Aluminum Coating	159°F
White Granulated Membrane	170°F
Black Single Ply	185°F
Black Roof Coating	195°F

*Cool Roof Technology
allows the building
owner to extend the
useful life of the roof
while decreasing roof
temperature.*

PolyBrite® 24

	Rated Product ID #: 0616-0012		
		Smooth	Rough
	Solar Reflectance	Initial / Aged 0.83 / 0.70	Initial / Aged Not Rated
	Thermal Emittance	0.88 / 0.88	Not Rated
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.			

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

PolyBrite® 70 - PG 700

	Rated Product ID #: 0616-0006		
		Smooth	Rough
	Solar Reflectance	Initial / Aged 0.87 / 0.75	Initial / Aged Not Rated
	Thermal Emittance	0.90 / 0.90	Not Rated
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Solar Reflectance Index (SRI) Initial: 110 Weathered: 93



The Polyglass Elastomeric Roof Coating Systems offer a complete solution for new and existing roofs, providing a water resistant, fully-adhered seamless roof membrane.



Product	Description
PolyBrite® 70	Premium Grade Elastomeric Roof Coating
PolyBrite® 72	Premium Grade Elastomeric Flashing Compound
PolyBrite® 74	Rust Inhibitor
PolyBrite® 76	Premium Elastomeric Base Coat
PolyBrite® 24	Elastomeric Roof Coating

Product	Description
PG 700	High Quality Elastomeric Roof Coating
PG 800	Asphalt Emulsion Roof Coating
PolyBrite® Reinforcing Polyester	Stitchbond Fabric

Polyglass Elastomeric Reflective Coating System

Typical Application Rates

BUR/Modified:	1) PG 800 + embedded fabric + PolyBrite® 72 for the details + 2 coats of PolyBrite® 70 2) PolyBrite® 76 + embedded fabric + PolyBrite® 72 for the details + 2 coats of PolyBrite® 70
Metal:	PolyBrite® 72 for fasteners and seams (may require fabric) + PolyBrite® 74 for rusting areas + 2 coats of PolyBrite® 70
Single Ply:	2 to 3 coats of PolyBrite® 70
PUF:	2 to 3 coats of PolyBrite® 70



The flexibility to determine the level of protection

BUR/SBS & APP Modified

- 1) PolyBrite® 72 details + 2 coats of PolyBrite® 24
- 2) PolyBrite® 72 details + 2 coats of PG 700
- 3) PG 800 Emulsion + PolyBrite® 72 details + 2 coats of PG 700
- 4) PG 800 Emulsion + PolyBrite® 72 details + 2 coats of PolyBrite® 70
- 5) PG 800 Emulsion + Fabric + PolyBrite® 72 details + 2 coats of PG 700
- 6) PG 800 Emulsion + Fabric + PolyBrite® 72 details + 2 coats of PolyBrite® 70

GOOD
BETTER
BEST

What makes PolyBrite® 70 superior?

- Meets or exceeds the requirements of ASTM D6083 Standard Specification for Liquid-Applied Coating used in Roofing
- FM Approved
- Higher TiO2 levels and other premium filling agents
- 10+ year systems warranty available when used as an approved system

Polyglass Elastomeric Roof Coating System

- Extends the useful life of the roof
- Offers excellent resistance to extended exposure to solar ultraviolet energy
- CRRC Listed, can be used to comply with 2016 Title 24 Part 6 Cool Roof Requirements
- Can reduce energy costs by decreasing roof surface temperature
- High tensile strength and elongation
- Resists dirt pick-up
- Fungal and algal resistant – even in high humidity conditions
- Low VOC, non-flammable and presents minimal hazard to the applicator or the environment



Polyglass White Elastomeric Roof Coatings meet or exceed industry code approvals



*See product Data Sheets for product-specific approvals

POLYGLASS QUALITY

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





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