

ACRYLIC Elastomeric Roof Coatings



### **Premium Liquid-Applied Roofing Solutions**

Dedicated to manufacturing high-quality products that also help lower buildings energy costs, Polyglass produces highly reflective, premium acrylic roof coatings. Our products are not only superior, but also carry all credentials to prove it.

Acrylic or Silicone roof coatings have been used by building owners and roofing contractors for many years, typically on low-slope commercial, industrial, and residential buildings. There are many benefits to our customers by using this type of roofing technology:

#### **Energy Savings**

Reducing heat and UV lessens deterioration, while protecting the roof with a seamless barrier against corrosive elements and preventing damaging leaks. Polyglass' highly reflective acrylic roof coatings offer several options of advanced energy-saving roofing solutions, delivering long-term value for the building owner.

#### **Performance**

Elastomeric roof coatings improve the performance of existing roof systems, extend the life cycle performance of new and existing roof systems and provide protection from ultraviolet sunlight and other weather exposures.

### **Budget**

Liquid-applied acrylic roof restoration solutions are a lower-cost option than retrofit or replacement of an existing roof. This option extends the life of the existing roof, lower overall life cycle cost and eliminates a costly roof tear-off and full replacement.

- ASTM D6083 Type I and Type II Compliant
- ICC-ES
- Miami-Dade County Approved
- Texas Department of Insurance
- Florida Building Code
- UL Classified
- FM Approved
- RCMA
- CRRC Listed (White only)



















\*Code approvals vary by product.

# Why Use Polyglass Acrylic Roof Coatings?

- Extends the useful life of the roof
- Offers excellent resistance to extended exposure to solar ultraviolet energy
- CRRC Listed, meets the requirements of California Energy Commission (CEC) Title 24 Section 110.8 (i)4
- 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

# **Liquid-Applied Roof Systems**

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

good

PG 700 - High Quality Elastomeric Roof Coating

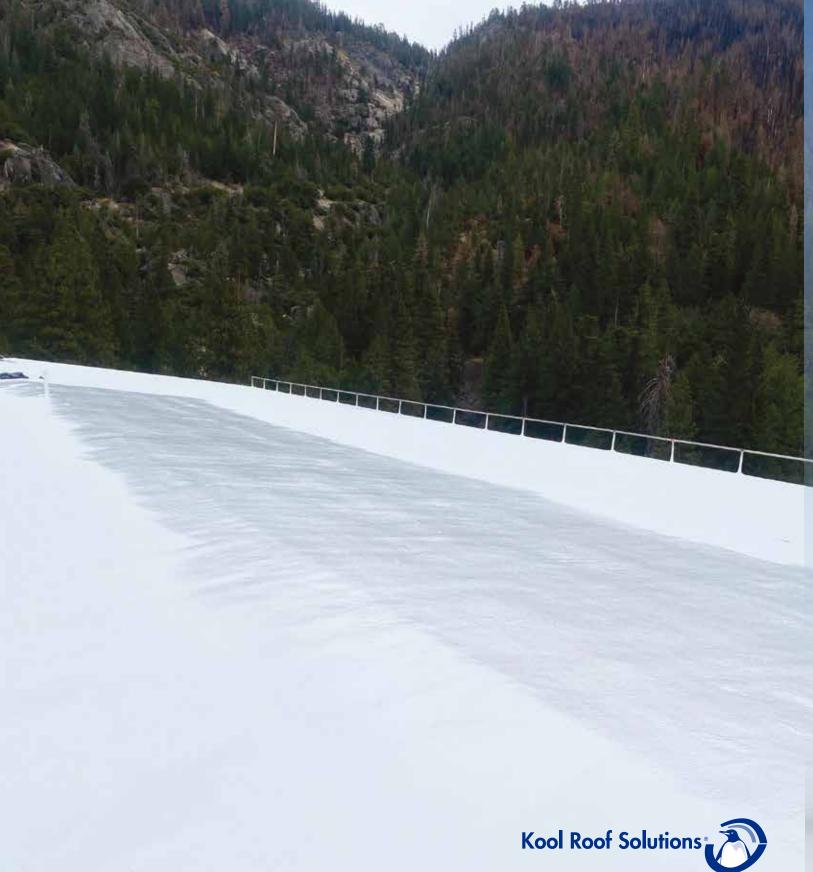
better

PolyBrite® 70 - Premium Grade Elastomeric Roof Coating
PolyBrite® 71-HS - Bleed Blocking Premium Elastomeric Roof Coating

**BEST** 

PolyBrite® 75 - High Tensile Premium Elastomeric Roof Coating









Big Creek Hydroelectric Powerhouse - California **Artistic Roof & Design** 

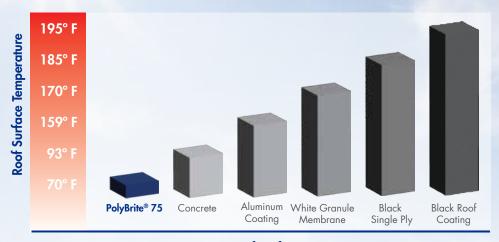
PolyBrite® Acrylic Roof Coating System

## What makes PolyBrite® 75 Superior?

- Excellent tensile strength and elongation
- Flexible at low temperatures
- Less dry film thickness erosion
- Better hail and light foot traffic resistance than typical roof coatings

# **Surface Temperatures of Various Roof Surfaces**

Conditions: Ambient Temperature 88°F, Clear Skies, Central Florida | Contact Polyglass' Technical Services



#### **Roof Surface**

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

#### POLYBRITE® 75



Rated Product ID #: 0616-0029							
	Smooth	Rough					
	Initial / Aged	Initial / Aged					
Solar Reflectance	0.86 / 0.79	Not Rated					
Thermal Emittance	0.89 / 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.



Product	Description	Sizes Gallon (Liter)	ASTM	UL	FM	ICC-ES	FBC	Miami- Dade	TDI	CRRC	SRI Initial	3-YR Aged	Title 24
Water Based Acrylic Coatings													
PolyBrite® 70	Premium Grade Elastomeric Roof Coating	4.75 (17.9 L) 50 (189 L) 275 (1039.5 L)	D6083 Type I and II	1	1	1	1	1	1	1	110	93	1
PG 700	High Quality Elastomeric Roof Coating	4.75 (17.9 L) 50 (189 L) 275 (1039.5 L)	D6083 Type I and II			1	1	1	1	1	110	93	1
PolyBrite® 75	High Tensile Premium Elastomeric Roof Coating	4.75 (17.9 L) 50 (189 L) 275 (1039.5 L)	D6083 Type I and II	1		1	1	1	1	1	108	104	1
PolyBrite® 71-HS	Bleed Blocking Premium Elastomeric Roof Coating	4.75 (17.9 L) 50 (189 L) 275 (1039.5 L)	D6083 Type II	1	1	1	1	1	1	1	110	83	1
PolyBrite® 55	Elastomeric Roof Coating for SPF	4.75 (17.9 L) 50 (189 L)	D6083 Type II								n/a	n/a	
PolyBrite® 24	Elastomeric Roof Coating	4.75 (17.9 L) 50 (189 L) 275 (1039.5 L)	n/a							1	104	85	1
PolyBrite® 71	Elastomeric Base Coat	5 (18.9 L) 55 (208.1 L) 250 (945 L)	D6083								n/a	n/a	
Quick-Setting Coatings					•								
PolyBrite® 70-QS	Quick-Setting, Premium Grade Elastomeric Roof Coating	4.75 (17.9 L) 50 (189 L) 275 (1039.5 L)	D6083 Type I	1			1	1	1	1	110	93	1
PG 700-QS	Quick-Setting, High Quality Elastomeric Roof Coating	4.75 (17.9 L) 50 (189 L) 275 (1039.5 L)	D6083 Type I				1	1	1	1	110	93	1
Primers													
PolyBrite® 84	Rust Inhibitive Primer	4.75 (17.9 L) 50 (189 L)	n/a				1	1			n/a	n/a	
PolyBrite® 745	Water-Based Primer/Adhesive	4.75 (17.9 L) 50 (189 L) 275 (1039.5 L)	n/a				1	1			n/a	n/a	
PolyBrite® 79	TPO/PVC Primer	4.75 (17.9 L) 50 (189 L)	n/a				1	1			n/a	n/a	
PolyBrite® 78	Rinseable EPDM Primer	5 (18.9 L)	n/a								n/a	n/a	
PolyBrite® 780	Epoxy Primer/Sealer	4.75 (17.9 L) 50 (189 L)	n/a								n/a	n/a	
WB 3000	Fast-Drying, Water-Based Primer	5 (18.9 L)	n/a				1	1			n/a	n/a	
Flashing Compounds													
PolyFlash® 1C	One Part Flashing Compound	1 (3.78 L) 2.5 (9.45 L)	n/a								n/a	n/a	
PolyBrite® 73	Elastomeric Flashing Compound With StretchSpan Technology™	1.8 (6.8 L) 4.75 (17.9 L)	n/a								n/a	n/a	
PolyBrite® 77	Premium Grade SEBS Cement	3.5 (13.2 L)	n/a				1				n/a	n/a	
PolyBrite® 72	Premium Grade Elastomeric Flashing Compound	1.8 (6.8 L)	n/a								n/a	n/a	
Accessories													
PolyBrite® Reinforcing Polyester	Reinforcing Polyester	6" x 300'/12" x 300'/40" x 324'	n/a		1		1				n/a	n/a	
PolyClean™	Cleaning Concentrate	1 (3.78 L) 5 (18.9 L) 55 (208.1 L)	n/a								n/a	n/a	



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