



# 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





**Kool Roof Solutions®** 

**23,500 ft<sup>2</sup>  
PolyBrite® Acrylic Roof Coating System**



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

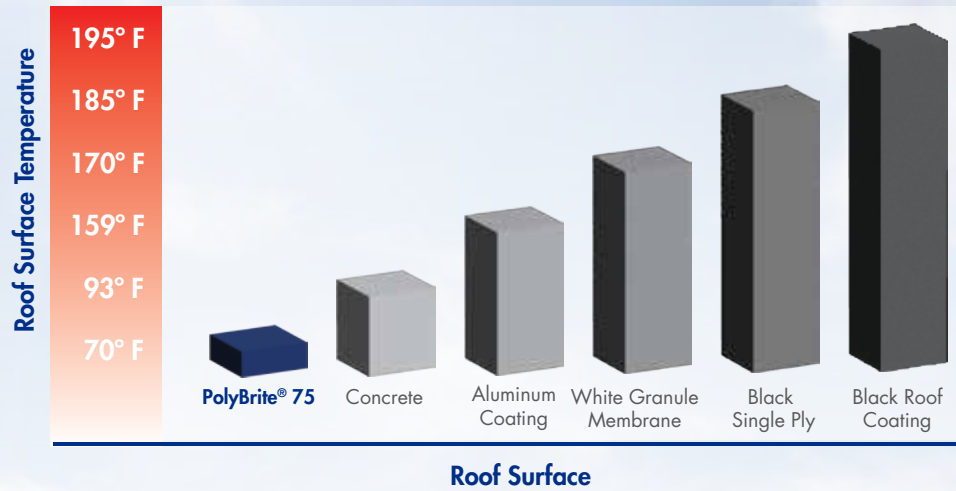


# What makes PolyBrite® 75 Superior?

- 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



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
	Solar Reflectance	Initial / Aged 0.86 / 0.79	Initial / Aged Not Rated
	Thermal Emittance	0.89 / 0.88	Not Rated
The ratings above are subject to CRRC rating program conditions, requirements and limitations. Visit <a href="http://coolroofs.org">coolroofs.org</a> 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.			







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