



ACRYLIC

Elastomeric Roof Coatings

POLYGLASS®



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





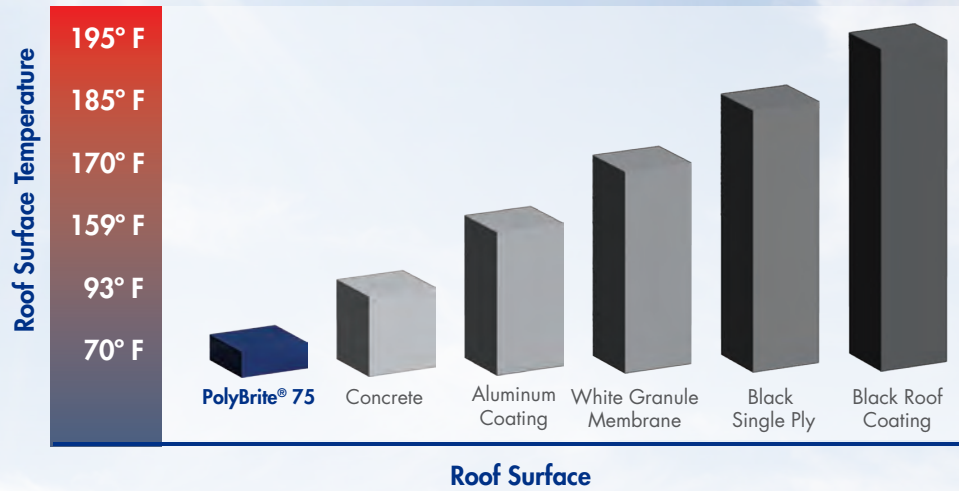
23,500 ft²
PolyBrite® Acrylic Roof Coating System
Big Creek Hydroelectric Powerhouse - California
Artistic Roof & Design

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 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.			



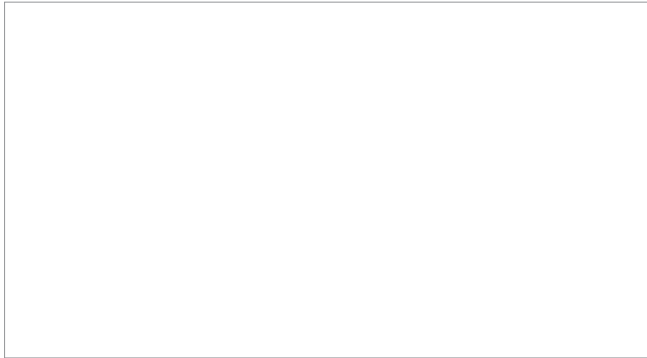
Product	Description	Sizes Gallon (Liter)	ASTM	UL	FM	ICC-ES	FBC	Miami- Dade	TDI	CRRC	SRI Initial	3-YR Aged	Title 24
Water Based Acrylic Coatings													
PG 700	High Quality Elastomeric Roof Coating	4.75 (17.9 L) / 50 (189 L) / 275 (1039.5 L)	D6083 Type II			✓	✓	✓	✓	✓	110	93	✓
PolyBrite® 24	Elastomeric Roof Coating	4.75 (17.9 L) / 50 (189 L) / 275 (1039.5 L)	n/a							✓	104	85	✓
PolyBrite® 55	Elastomeric Roof Coating for SPF	4.75 (17.9 L) / 50 (189 L)	D6083 Type II								n/a	n/a	
PolyBrite® 70	Premium Grade Elastomeric Roof Coating	4.75 (17.9 L) / 50 (189 L) / 275 (1039.5 L)	D6083 Type II	✓	✓	✓	✓	✓	✓	✓	110	93	✓
PolyBrite® 71	Bleed Blocking Elastomeric Base Coat	5 (18.9 L) / 55 (208.1 L) / 250 (945 L)	D6083								n/a	n/a	
PolyBrite® 71-HS	Bleed Blocking Premium Elastomeric Roof Coating	4.75 (17.9 L) / 50 (189 L) / 275 (1039.5 L)	D6083 Type II	✓	✓	✓	✓	✓	✓	✓	110	83	✓
PolyBrite® 75	High Tensile Premium Elastomeric Roof Coating	4.75 (17.9 L) / 50 (189 L) / 275 (1039.5 L)	D6083 Type II	✓		✓	✓	✓	✓	✓	108	104	✓
Quick-Setting Coatings													
PolyBrite® QS	Quick-Setting, Premium Grade Elastomeric Roof Coating	5 (18.9 L) / 55 (208 L) / 250 (946 L)	D6083	✓			✓	✓	✓	✓	109	98	✓
Climate Series*													
PolyBrite® 31CB	Climate Barrier High Temperature Elastomeric Protective Coating	5 (18.9 L) / 55 (208 L) / 250 (946 L)	n/a										
PolyBrite® 33CS	Climate Shield High Temperature Elastomeric Protective Coating	5 (18.9 L) / 55 (208 L) / 250 (946 L)	D6083 Type II										
PolyBrite® 35CA	Climate Armor High Temperature Elastomeric Protective Coating	5 (18.9 L) / 55 (208 L) / 250 (946 L)	D6083 Type II										
Primers													
PolyBrite® 745	Water-Based Primer/Adhesive	4.75 (17.9 L) / 50 (189 L) / 275 (1039.5 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	
PolyBrite® 78	Rinseable EPDM Primer	5 (18.9 L)	n/a								n/a	n/a	
PolyBrite® 79	TPO/PVC Primer	4.75 (17.9 L) / 50 (189 L)	n/a				✓	✓			n/a	n/a	
PolyBrite® 84	Rust Inhibitive Primer	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				✓	✓			n/a	n/a	
Flashing Compounds													
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® 39	Premium Grade Elastomeric Flashing Compound with Fibers	2 (7.5 L) / 5 (18.9 L)	n/a								n/a	n/a	
PolyBrite® 77	Premium Grade SEBS Cement	3.5 (13.2 L)	n/a				✓				n/a	n/a	
PolyFlash® 1C	One Part Flashing Compound	1 (3.78 L) / 2.5 (9.45 L)	n/a								n/a	n/a	
Accessories													
PolyBrite® Reinforcing Polyester	Reinforcing Polyester	6" x 300'/12" x 300'/40" x 324'	n/a		✓		✓				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	

*These products were specially designed for hot/dry climates.

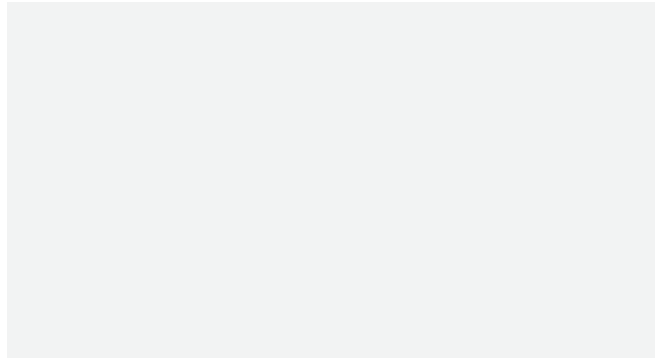


ACRYLIC COATINGS COLOR GUIDE

POLYBRITE® ACRYLIC ROOF COATINGS STANDARD COLORS



White



Kool Grey

POLYBRITE® 70 & POLYBRITE® 700 PREMIUM ACRYLIC ROOF COATING SEMI-STANDARD COLORS*



Desert Sun



Terracotta



Empire Green



Patina Green



Forest Green



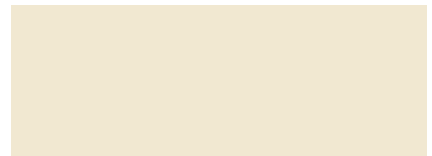
Patriot Blue



Gun Metal Grey



London Fog



Sandstone



Safety Yellow



Safety Red

Color samples in this chart may not match 100% to their physical color due to printing variances.
Contact Polyglass if an exact match is required. (800) 222-9782

For more information and ordering, contact your Polyglass Sales Representative.

*Longer lead times may occur. Custom colors are available upon request.



Kool Roof Solutions® 



100,000 ft²
PolyBrite® Acrylic Roof Coating System
Rancho Cucamonga Shopping Center - California
P21 Roofing

POLYGLASS[®]

MAPEI

GROUP

ACRYLIC COATINGS MATRIX

Polyglass Product	Single Ply Membranes	Metal Roofs	Smooth Mod Bit or Smooth BUR	Granulated Mod-Bit	Concrete	Roof Foam
PolyBrite[®] 78 Rinseable EPDM Primer	500 sq. ft. @ gal. (Sprayer Only)	N/A	N/A	N/A	N/A	N/A
PolyBrite[®] 745 Acrylic Stain Blocker	N/A	N/A	100-200 sq. ft. @ gal.	100-200 sq. ft. @ gal.	100-200 sq. ft. @ gal.	N/A
PolyBrite[®] 79 Solvent-based TPO Primer	300-400 sq. ft. @ gal. (TPO Only)	N/A	N/A	N/A	N/A	N/A
PolyBrite[®] 84 Rust Inhibitive Primer	N/A	200-300 sq. ft. @ gal.	N/A	N/A	N/A	N/A
PolyBrite[®] 98 One-Part Acrylic Primer/Bleed Blocker for Silicone	N/A	N/A	100-200 sq. ft. @ gal.	100-200 sq. ft. @ gal.	100-200 sq. ft. @ gal.	N/A
PolyBrite[®] 70, PolyBrite[®] QS, PG 700, PolyBrite[®] 75, PolyBrite[®] 55 Premium Acrylic Coating ^{2'3}	10 Yr = 2.5 Gal/Sq 15 Yr = 3.5 Gal/Sq 20 Yr = 4.5 Gal/Sq	10 Yr = 2.5 Gal/Sq 15 Yr = 3.0 Gal/Sq 20 Yr = 4.5 Gal/Sq	10 Yr = 2.5 Gal/Sq 15 Yr = 3.5 Gal/Sq 20 Yr = 4.5 Gal/Sq	10 Yr = 3.0 Gal/Sq 15 Yr = 4.0 Gal/Sq 20 Yr = 4.5 Gal/Sq	10 Yr = 2.5 Gal/Sq 15 Yr = 3.5 Gal/Sq 20 Yr = 4.5 Gal/Sq	10 Yr = 2.5 Gal/Sq 15 Yr = 3.5 Gal/Sq 20 Yr = 4.5 Gal/Sq
	10 Yr = 40 WFT/20 DFT 15 Yr = 56 WFT/28 DFT 20 Yr = 72 WFT/36 DFT	10 Yr = 40 WFT/20 DFT 15 Yr = 48 WFT/24 DFT 20 Yr = 72 WFT/36 DFT	10 Yr = 40 WFT/20 DFT 15 Yr = 56 WFT/28 DFT 20 Yr = 72 WFT/36 DFT	10 Yr = 48 WFT/24 DFT 15 Yr = 64 WFT/32 DFT 20 Yr = 72 WFT/36 DFT	10 Yr = 40 WFT/20 DFT 15 Yr = 56 WFT/28 DFT 20 Yr = 72 WFT/36 DFT	10 Yr = 40 WFT/20 DFT 15 Yr = 56 WFT/28 DFT 20 Yr = 72 WFT/36 DFT
PolyBrite[®] 71-HS and PolyBrite[®] 71 High-Solids Acrylic Coating ^{2'3}	10 Yr = 2.5 Gal/Sq 15 Yr = 3.5 Gal/Sq 20 Yr = 4.5 Gal/Sq	10 Yr = 2.5 Gal/Sq 15 Yr = 3.0 Gal/Sq 20 Yr = 4.5 Gal/Sq	10 Yr = 2.5 Gal/Sq 15 Yr = 3.5 Gal/Sq 20 Yr = 4.5 Gal/Sq	10 Yr = 3.0 Gal/Sq 15 Yr = 4.0 Gal/Sq 20 Yr = 4.5 Gal/Sq	10 Yr = 2.5 Gal/Sq 15 Yr = 3.5 Gal/Sq 20 Yr = 4.5 Gal/Sq	N/A
	10 Yr = 40 WFT/24 DFT 15 Yr = 56 WFT/33 DFT 20 Yr = 72 WFT/43 DFT	10 Yr = 40 WFT/24 DFT 15 Yr = 48 WFT/24 DFT 20 Yr = 72 WFT/43 DFT	10 Yr = 40 WFT/24 DFT 15 Yr = 56 WFT/33 DFT 20 Yr = 72 WFT/43 DFT	10 Yr = 48 WFT/28 DFT 15 Yr = 64 WFT/38 DFT 20 Yr = 72 WFT/43 DFT	10 Yr = 40 WFT/24 DFT 15 Yr = 56 WFT/33 DFT 20 Yr = 72 WFT/43 DFT	N/A
PolyFlash[®] 1C^{1'2} 1-Part Flashing Compound	2.0 gal/sq. 32 WFT/26 DFT	2.0 gal/sq. 32 WFT/26 DFT	2.0 gal/sq. 32 WFT/26 DFT	2.0 gal/sq. 32 WFT/26 DFT	2.0 gal/sq. 32 WFT/26 DFT	2.0 gal/sq. 32 WFT/26 DFT
1 Gallon applied at 32 Wet Mills (26 Dry Mills) 6" wide will theoretically cover 100 lineal feet						
PolyBrite[®] 73 "Stretch-Span" Flashing Compound	5.0 Gal/Sq. 80 WFT/42 DFT	5.0 Gal/Sq. 80 WFT/42 DFT	5.0 Gal/Sq. 80 WFT/42 DFT	5.0 Gal/Sq. 80 WFT/42 DFT	5.0 Gal/Sq. 80 WFT/42 DFT	5.0 Gal/Sq. 80 WFT/42 DFT
1 Gallon applied at 80 Wet Mills (42 Dry Mills) 4" wide will theoretically cover 60 lineal feet			1 Gallon applied at 80 Wet Mills (42 Dry Mills) 6" wide will theoretically cover 40 lineal feet			
PolyBrite[®] 77 Premium SEBS Cement	3.0 gal/sq. 48 WFT/23 DFT	250 - 350 fasteners per gallon, approx.	N/A	N/A	3.0 gal/sq. 48 WFT/23 DFT	N/A
1 Gallon applied at 48 Wet Mills (23 Dry Mills) 4" wide will theoretically cover 100 lineal feet			1 Gallon applied at 48 Wet Mills (23 Dry Mills) 6" wide will theoretically cover 66 lineal feet			

1 - The product is applied using the standard three-course method, with the listed quantity covering both below and above the fabric for each layer.

2 - Apply at 24 wet mils (1.5 gallon per 100 square feet maximum) per coat. If more than 1.5 gallons are required, apply in multiple coats. To minimize potential voids or pinholes, apply additional coats perpendicular to the previous coat.

3 - Above coverages is for Labor & Material and NDL Warranties for Registered Contractors.

Warranty Fees:

NDL - 10 Year \$.05 per square foot or \$500 Minimum.

NDL - 15 Year \$.07 per square foot or \$700 Minimum.

NDL - 20 Year \$.09 per square foot or \$900 Minimum.



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polyglass.us

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