

POLYGLASS® PMMA REINFORCED FLASHING

FLEXIBLE FIBER REINFORCED RESIN

PRODUCT DESCRIPTION

Polyglass PMMA Reinforced Flashing is a high performance two component, rapid-curing, flexible resin with integral chopped polymer fiber reinforcement for flashing and repair. Polyglass PMMA Reinforced Flashing is used to form a monolithic, self-adhering and self-terminating reinforced membrane for flashing and repairs where fabric reinforced membranes would be difficult or impossible to install.

WHERE TO USE

- Roofs
- Balconies
- Walkways
- Traffic areas

FEATURES AND BENEFITS

- Easy to use.
- Flexible – will expand and contract with movement of surfaces.
- Versatile – suitable for most surfaces.

SUITABLE SUBSTRATES

- Most Roof Systems
- Concrete
- Cement boards
- Plywood

THICKNESS AND RECOMMENDED YIELD

Recommended consumption: 0.5 lbs/ft². (0.23 kg/ft² or 2.5 kg/m²) to 0.8 lbs/ft² (0.37 kg/ft² or 4.0 kg/m²) at 80 to 125 mil thickness respectively.

Gross yield: 11 lbs (5 kg) unit: ±13.5 ft² (±1.3 m²) @ 125 mil thick application.

Gross yield: 33 lbs (10 kg) unit: ±27.0 ft² (±2.5 m²) @ 125 mil thick application.

See recommendations for specific applications. Yields will vary depending upon system selected and the smoothness and absorbency of substrate.

APPLICATION INSTRUCTIONS

Application Conditions:

The product can be applied at substrate and ambient temperatures between 37°F (3°C) and 95°F (35°C).

Mixing & Catalyzing:

Thoroughly mix the entire drum of resin for 2–3 minutes before each use, and prior to portioning off resin into a second container if batch mixing. Catalyze only the amount of material that can be used within 20 minutes. Add pre-measured catalyst to the resin component, stir for 2 minutes using a slow-speed mechanical agitator or stir stick, and apply to substrate. The amount of catalyst added is based on the weight of the resin used.

Catalyst Required Per 2.2 lbs (1 kg) of Resin Used					
6% Catalyst 37°F to 50°F (3°C to 10°C)		4% Catalyst 50°F to 68°F (10°C to 20°C)		2% Catalyst 68°F to 95°F (20°C to 35°C)	
oz	g	oz	g	oz	g
2	60	1.4	40	0.7	20



PACKAGING

- Metal Pail: 22 pounds (10 kg)

COLORS

- Grey (RAL 7032)

POLYGLASS PMMA RESIN SYSTEM COMPATIBLE COMPONENTS

- Polyglass PMMA Resin
- Polyglass PMMA Flashing
- Polyglass PMMA LTS Surface Finish
- Polyglass PMMA Catalyst Powder
- Polyglass PMMA Flexible Primer
- Polyglass PMMA Concrete/Wood Primer
- Polyglass PMMA Metal Primer
- Polyglass PMMA Cleaner (Activator)



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Working Times at 68°F (20°C):

- Pot life: approximately 20 minutes
- Rainproof: approximately 30 minutes
- Next Coat: approximately 45 minutes
- Fully Cured: approximately 3 hours

*The times noted above are approximate, provided as a guideline, and may vary. Actual set times and cure should be established in the field based on actual field conditions.

Surface Preparation:

All substrates must be clean, dry, free of oil, grease, curing compounds, release agents, laitance, gross irregularities, loose, unsound or foreign material such as moss, algae growth, dirt, ice, snow, water or any other condition that would be detrimental to adhesion of resin to the substrate. Apply Polyglass primer to substrate as required. Contact Polyglass Technical Department for recommendations regarding specific applications.

Application:

After mixing, apply resin to clean and prepared substrate at the required consumption using a trowel, or brush. The resin should be spread evenly onto the surface at a minimum consumption between 0.23 kg/ft² (2.5 kg/m²) to 0.37 kg/ft² (4.0 kg/m²) achieving an approximate 1/8" depth respectively. After troweling the resin in place finish the surface by smoothing out with an approved roller or brush. See individual system specifications for specific guidelines regarding application of topcoats and/or surfacing.

Tool Cleaning:

When work is interrupted or completed, tools must be thoroughly cleaned with Polyglass PMMA Cleaner before the resin hardens.

Safety Recommendations:

Refer to product Safety Data Sheet (SDS) prior to use or handling.

Storage:

Always store in cool and dry location. Do not store in direct sunlight or in temperatures below 32°F(0°C) or above 77°F(25°C). Approximate shelf life is 12 months when left sealed, unmixed and with proper storage.

Disposal:

Catalyzed and cured resin may be disposed of in standard landfills. Uncured resin is considered a hazardous material and must be handled as such, in accordance with local, state and federal regulations.

Handling:

Workers should wear appropriate clothing to protect from accidental skin contact. When mixing or applying this product workers must use butyl rubber or nitrile gloves. Safety glasses with side shield are required for eye protection.

In enclosed spaces, use local exhaust ventilation to maintain work exposure below TLV. If the airborne concentration poses a health hazard, become irritating or exceeds recommended limits, use a NIOSH approved respirator in accordance with OSHA Respirator Protection requirement under 29 CFR 1910.134. The specific type of respirator will depend on the airborne concentrations. A filtering face piece or dust mask are not acceptable for use with this product if TLV filtering levels have been exceeded.

For Professional Use Only - Keep out of the reach of children.

MANUFACTURING FACILITIES

- Fernley, NV
- Hazleton, PA
- Phoenix, AZ
- Waco, TX
- Winter Haven, FL

CORPORATE HEADQUARTERS

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(954) 233-1330

Customer Service: (800) 222-9782

Technical Service: (866) 802-8017

Questions? technical@polyglass.com

Product Disclaimer: Unless otherwise incorporated into or part of a supplemental manufacturer's warranty, Polyglass warrants its product(s) against manufacturing defects that result in the material not complying with product specifications for a period of 12 months.

Refer to safety data sheet (SDS) for specific data and handling of our products. All data furnished refers to standard production and is given in good faith within the applicable manufacturing and testing tolerances. The product user, and not Polyglass, is responsible for determining the suitability and compatibility of our products for the user's intended use.

For the most current product data and warranty information, visit www.polyglass.us

