

# POLYGLASS® PMMA LTS SURFACE FINISH SMOOTH SURFACING PRODUCT

## PRODUCT DESCRIPTION

Polyglass PMMA Light Traffic Smooth (LTS) Surface Finish is a high performance, rapid-curing, flexible, methacrylate resin designed for pedestrian traffic. It can be applied as a non-reinforced liquid applied surfacing material or as the trafficable surface coat over a reinforced PMMA Waterproofing System.

## WHERE TO USE

- Balconies
- Walkways
- Pedestrian Traffic Area

## FEATURES AND BENEFITS

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

## SUITABLE SUBSTRATES

- Roofs
- Concrete
- Cement boards
- Plywood

\*A primer may be required.

## THICKNESS AND RECOMMENDED YIELD

Light duty (Pedestrian): 16 lbs/100 ft<sup>2</sup> (0.8 kg/m<sup>2</sup>) or approximately 200 ft<sup>2</sup> per container

Medium duty: 25 lbs/100 ft<sup>2</sup> (1.2 kg/m<sup>2</sup>) or approximately 132 ft<sup>2</sup> per container

Standard duty: 37 lbs/100 ft<sup>2</sup> (1.8 kg/m<sup>2</sup>) or approximately 89 ft<sup>2</sup> per container

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

## APPLICATION INSTRUCTIONS

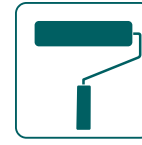
### Application Conditions:

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 container of resin for 2–3 minutes before each use. Catalyze only the amount of material that can be applied within 15 minutes. Add pre-measured catalyst to the resin, stir for 2 minutes using slow-speed mechanical agitator. Mix material at bottom and sides of container. Ideally, change material into a second clean and dry bucket, and thoroughly mix resin for an additional minute before applying. The amount of catalyst added is based on the weight of the resin used.

Catalyst Required Per 2.20 lb (1 kg) of Resin Used					
4% Catalyst 37°F to 50°F (3°C to 10°C)		3% 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
1.4	40	1	30	0.5	20
Note: 2.8 lbs (1.3 kg) per pail.		Note: 2 lbs (0.9 kg) per pail.		Note: 1.5 lbs (0.7 kg) per pail.	



## PACKAGING

- Metal Pails: 22 pounds (10 kg)

## COLORS

- Light Grey (RAL 7032)
- White (RAL 9010)

## POLYGLASS PMMA RESIN SYSTEM COMPATIBLE COMPONENTS

- Polyglass PMMA Resin
- Polyglass PMMA Flashing
- Polyglass PMMA Catalyst Powder
- Polyglass PMMA Flexible Primer
- Polyglass PMMA Concrete/Wood Primer
- Polyglass PMMA Mortar



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## Working Times at 68°F (20°C):

- Pot life: approximately 15 minutes
- Rainproof: approximately 20 minutes
- Next Coat: approximately 45 minutes
- Fully Cured: approximately 2 hours

## 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 proper Polyglass PMMA Primer to substrate as required. Contact Polyglass Technical Department for recommendations regarding specific applications.

## Application:

The Polyglass PMMA LTS Surface Finish is used as an aesthetic topcoat and sealer, used in conjunction with the Polyglass PMMA Waterproofing System. It can be applied as a smooth finished colored top coat or with a broadcasted aggregate.

## Tool Cleaning:

When work is interrupted or completed, tools must be thoroughly cleaned with Virgin Mineral Spirits before the resin hardens.

## Safety Recommendations:

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

## 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:

Keep away from open fire, flame or any ignition source. Vapors may form explosive mixture with air. Avoid skin and eye contact with this material. Avoid breathing fumes. Do not eat, drink or smoke in area of application. Refer to product Safety Data Sheet (SDS) for additional information pertaining to this product and prior to use or handling.

## Personal Protection Equipment:

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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**Questions?** [technical@polyglass.com](mailto: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](http://www.polyglass.us)**



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