

FORTRIX DP

DECK PRIMER FOR PMMA ASSEMBLIES

PRODUCT DESCRIPTION

Fortrix DP is a high-performance, rapid-curing PMMA deck primer formulated specifically to promote adhesion of Fortrix PMMA resins to concrete and wood. It helps create a reliable foundation for reinforced waterproofing assemblies on pedestrian decks, parking structures, and other demanding horizontal applications.

TYPICAL APPLICATION

- Pedestrian decks
- Parking structures
- Concrete and wood substrates
- Flashing systems
- New construction, refurbishment, and waterproofing applications

FEATURES AND BENEFITS

- Promotes adhesion of Fortrix PMMA resins to concrete and wood
- Rapid-curing formulation supports efficient project sequencing
- Designed for demanding deck and traffic-area applications
- Supports fully adhered waterproofing assemblies

SUITABLE SUBSTRATES

- Concrete
- Masonry, Other Substrates

THICKNESS AND RECOMMENDED YIELD

TYPE OF SUBSTRATE	THICKNESS (MIN 15 mils)
Smooth substrates	0.037 kg/ft ² (0.4 kg/m ²)
Fine grained substrates:	0.046 kg/ft ² (0.5 kg/m ²)
Rough substrates:	0.075 kg/ft ² (0.8 kg/m ²)

Gross yield: 22.05 lb (10 kg) **unit:** 269 ft² (25 m²) @ 0.081 lb/ft² (0.4 kg/m²)

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

APPLICATION INSTRUCTIONS

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. Mask perimeter and top edge of the area to be primed and flashed to provide clean lines and prevent over-painting of resins. Remove and re-apply masking before resin cures and as required between coats. Apply PG primer to substrate as required. Contact Polyglass Technical Department for recommendations regarding specific applications.

Application:

Thoroughly mix the entire pail of resin for 2 to 3 minutes before each use, and prior to pouring off resin into a second container if batch mixing. Catalyze only the amount of material that can be used within 10 to 15 minutes. Add pre-measured catalyst to the resin component, stir for 2 minutes using a slow-speed mechanical agitator or stirring stick and apply to substrate. The amount of catalyst added is based on the weight of the resin used.

Catalyst Mixing Chart						
Catalyst Required	6% Catalyst 32 °F to 50 °F (0 °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)	
10 kg Can	6 (0.1 kg) packets		4 (0.1 kg) packets		2 (0.1 kg) packets	
1 Liter (Approx. 1.8 kg)	6 tbsps	0.06 kg	4 tbsps	0.04 kg	2 tbsps	0.02 kg

PACKAGING

- Metal Pails: 22 lb (10 kg)

COLORS

Clear



POLYGLASS®



www.polyglass.us

FORTRIX DP

DECK PRIMER FOR PMMA ASSEMBLIES

Approximate Coverage Rates			
Substrate Profile	10 kg Can	Coverage	Minimum Thickness
Smooth	269 ft (25 m)	0.037 kg/ft (0.4 kg/m)	1.5 mils
Medium	215 ft (20 m)	0.046 kg/ft (0.5 kg/m)	
Rough	134 ft (12.5 m)	0.075 kg/ft (0.8 kg/m)	

After mixing, apply resin to clean and prepared substrate at the required consumption using Polyglass approved rollers or brushes. The resin should be spread evenly onto the surface. See individual system specifications for specific guidelines regarding application of primer, membrane, topcoat and/or surfacing.

Note: The clean and fully cured primer can be coated after a minimum of approximately 30 to 45 minutes up to a maximum of 6 months. If the surface of the primer becomes dirty or contaminated or left exposed to the elements for more than 12 hours, thoroughly clean the in-place and cured primer with Fortrix C-R. Fortrix C-R should be allowed a minimum of 20 minutes evaporation time after application, and over-coated within 60 minutes of application.

This product is recommended for use at substrate and ambient temperatures between 32 °F (0 °C) and 95 °F (35 °C).

Working Times (at 68 °F (20 °C)):

- Pot Life: approx. 15 minutes
- Rainproof: approx. 30 minutes
- Next Coat: approx. 30 minutes
- Fully Cured: approx. 2 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.

Shelf Life:

Approximate shelf life is 12 months when left sealed, unmixed and with proper storage.

Limitations:

- Once the resin is mixed with catalyst the product must be used immediately.
- Not approved for use with potable water.
- Do not thin.
- Do not apply to frozen or wet surfaces.
- Do not apply on exterior surfaces when there is a threat of inclement weather.
- Requires adequate ventilation.

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. Always store in cool and dry location. Do not store in direct sunlight or in temperatures below 55 °F (13 °C) or above 80 °F (27 °C). Approximate shelf life is 12 months when left sealed, unmixed and with proper storage. When work is interrupted or completed, tools must be thoroughly cleaned with Fortrix C-R before the resin hardens. 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. 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 shields are required for eye protection.

In enclosed spaces, use local exhaust ventilation to maintain worker 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 requirements under 29 CFR 1910.134. The specific type of respirator will depend on the airborne concentrations. A filtering face piece or dusk mask is 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

Polyglass U.S.A., Inc.
1111 West Newport Center Drive
Deerfield Beach, FL 33442
www.polyglass.us

General Line: (888) 410-1375
(954) 233-1330

Customer Service: (800) 222-9782
Technical Service: (866) 794-9659

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



POLYGLASS
MAPEI
GROUP
www.polyglass.us