FORTRIX™



POLYGLASS®

MAPEI GROUP

FORTRIX™



FORTRIX is a high-performance polymethyl methacrylate (PMMA) system used to create seamless, reinforced membrane assemblies for roofing and waterproofing applications.

With rapid-curing PMMA resin technology, specialized primers, reinforcement, and accessories, FORTRIX addresses complex waterproofing challenges while supporting efficient project sequencing and long-term performance.

WHY FORTRIX

Designed to accommodate normal substrate movement, FORTRIX PMMA systems are a low-maintenance alternative to traditional waterproofing solutions and can be used in roofing, balconies, terraces, plaza decks, and other waterproofing applications.

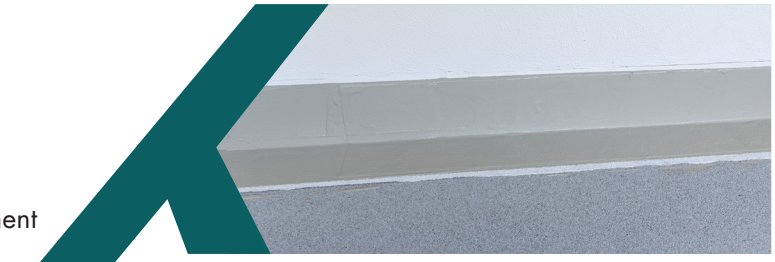
WATERPROOF COMPLEX DETAILS

- Seamless, reinforced membrane system
- Conforms to transitions, penetrations, and critical details
- Accommodates complex geometries and substrate movement



FASTER RETURN TO SERVICE

- Rapid cure technology
- Reduced downtime and project disruption
- Extended installation season
- Enables localized repairs without large-area replacement



PROTECT HIGH-VALUE ASSETS

- Long-term waterproofing performance
- Repairable system design supports lifecycle maintenance
- Helps prevent water intrusion into occupied spaces

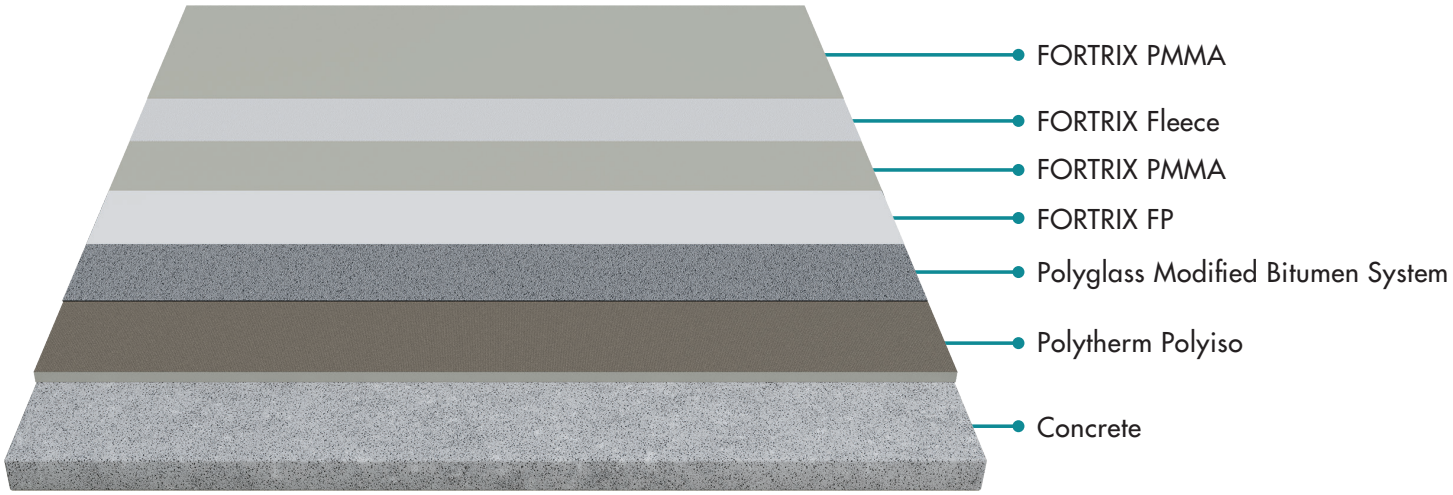


TYPICAL SYSTEM CONFIGURATIONS

Representative FORTRIX assemblies designed to support roofing and waterproofing applications where seamless protection, rapid return-to-service, and long-term performance are required.

PMMA SYSTEM OVER EXISTING MEMBRANE

Designed for roofing applications requiring seamless waterproofing protection at flashings, penetrations, drains, and other critical details in exposed roofing environments.



TYPICAL WATERPROOFING SYSTEM

Designed for balconies, terraces, plaza decks, and other horizontal waterproofing applications. The reinforced FORTRIX assembly helps accommodate substrate movement while delivering durable, long-term waterproofing protection.



Example FORTRIX assemblies shown for visual reference only. Refer to project-specific specifications and technical documentation for installation requirements.

CORE SYSTEM COMPONENTS

FORTRIX includes a coordinated system of primers, resins, reinforcement, and accessories engineered to deliver seamless waterproofing performance across roofing and waterproofing applications.



WATERPROOFING RESINS

FORTRIX™ PMMA

Fast-curing PMMA field resin for reinforced roofing and waterproofing assemblies.

- Creates a seamless, reinforced waterproofing membrane
- Supports rapid return-to-service and long-term performance

FORTRIX™ FG

PMMA flashing resin for penetrations, transitions, and critical details.

- Conforms to complex geometries
- Helps eliminate common leak pathways

SUBSTRATE PRIMERS

FORTRIX™ FP

Flexible primer for compatible roofing and waterproofing substrates.

- Promotes adhesion to compatible substrates
- Supports fully adhered assemblies

FORTRIX™ DP

Deck primer for concrete and wood substrates.

- Designed for horizontal applications
- Promotes adhesion to concrete and wood

FORTRIX™ EP

Epoxy primer for a broad range of compatible substrates.

- Supports adhesion to metal, concrete, and wood
- Versatile for roofing and waterproofing applications

SYSTEM ACCESSORIES

FORTRIX™ FLEECE

Polyester reinforcement for enhanced membrane performance.

- Improves tear strength and puncture resistance
- Enhances crack-bridging capability

FORTRIX™ C-R

Cleaner and reactivator for repairs, transitions, and recoating.

- Supports repairs and transition detailing
- Prepares surfaces for continued resin application



FORTRIX CATALYST

FORTRIX Catalyst is the reactive curing agent used across FORTRIX products. By activating the PMMA curing process, FORTRIX Catalyst helps support rapid return-to-service, efficient project sequencing, and reliable system performance across a range of application conditions.



ROLE IN SYSTEM

- Initiates curing of FORTRIX PMMA products
- Supports rapid-curing PMMA technology
- Helps enable efficient project sequencing
- Integral component of FORTRIX waterproofing assemblies

APPLICATION GUIDANCE

Catalyst ratios vary by product type, ambient temperature, and application conditions.

For product-specific catalyst recommendations, application temperatures, and installation requirements, refer to:

- Product packaging and pail lid labels
- Individual FORTRIX Product Data Sheets
- Polyglass Technical Services



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