



JM PAPERMA

**LIQUID
MEMBRANE
SOLID
INVESTMENT**

ANY SYSTEM ANY PLACE

JM MAKES IT HAPPEN

JM PMMA Liquid Membrane and Flashing System provides an elastomeric, monolithic roofing and waterproofing membrane ideal for a wide variety of surfaces and flashings on SBS and BUR membrane systems. For plaza decks, balconies, garden roofs, small irregularly shaped roofs or roofs with many penetrations or as a standalone membrane, JM PMMA is the premium choice.

TOP COAT
(OPTIONAL)

FINAL COAT

FLEECE REINFORCEMENT

PRIMARY RESIN COAT

PRIMER COAT

JM PMMA LIQUID SYSTEM

The JM PMMA Liquid Membrane and Flashing System consists of a two-component, fast-curing, polymethyl-methacrylate (JM PMMA) resin and a non-woven, chopped strand fabric reinforcement.

JM PMMA can be used as a standalone membrane system or combined with JM SBS and BUR membranes as a flashing detail membrane system.

Both options are eligible for a 20-year Peak Advantage® Guarantee.

RESIN

CATALYST

SCRIM

IT'S ABOUT STARTING THAT NEXT JOB SOONER



JM PMMA gets in the dry faster than any other system. A half hour, on average, before applying the next coat. We help keep the job moving.

BENEFITS OF A LIQUID MEMBRANE

~~SEAMS~~

Complete monolithic membrane.

Unlike fully adhered single ply, which uses a glue to hold the membrane in place, liquid-applied membranes are the glue and the membrane.

FULLY
ADHERED

SELF
TERMINATING

No terminations bars, boots or caulking.

Provides better flashings for difficult details.

CONFORMS TO
IRREGULAR
SHAPES



Easy to work with. Combines with JM roofing elements for added effectiveness.

PRIMERS

approx. 30 – 45 min. 

JM PMMA Primer – All-Purpose

PMMA-based

Ideal for most substrates, for both vertical and for horizontal application

JM PMMA Primer – Metal

Non-PMMA primer

Required for any metal

RESINS

approx. 45 min. – 1½ hr. 

JM PMMA Resin – Summer/Winter Grade

PMMA-based resin for horizontal application

Available in white or grey

JM PMMA Flashing Resin – Summer/Winter Grade

PMMA-based resin for vertical application

Available in white or grey

SURFACINGS

approx. 45 min. – 1 hr. 

JM PMMA Top Coat

Optional PMMA-based top coat for aesthetics

Combine with 14 standard colors to create a custom finish

JM PMMA Textured Top Coat

Optional PMMA-based top coat that contains an aggregate for anti-slip

Combine with 14 standard colors to create a custom finish

JM PMMA Color Pack

1.5 kg packs for pigmenting top coat or textured top coat

Available in: Pebble Grey, Stone Grey, Light Grey, Traffic Grey, Signal White, Traffic Black, Traffic Green, Traffic Yellow, Traffic Blue, Pale Green, Terra Cotta, Traffic Red, Window Grey, Beige

REPAIR

approx. 45 min. 

JM PMMA Repair Paste

PMMA-based paste for substrate repair, filling select details and for stripping in joints in insulation

REINFORCEMENT

JM PMMA Scrim

Polyester Scrim Available in 14" and 41" widths

ACCESSORIES

JM PMMA Thixo

Additive combined with top coat or field resin to increase viscosity for use in vertical application

JM PMMA Catalyst

Reactive agent used to initiate curing of JM PMMA liquid resins and primers

JM PMMA Cleaner

Cleaner used for reactivating membrane for tie-ins or general cleaning

JM PMMA Detailer

PMMA based resin with fibers used as a waterproofing paste when traditional reinforced flashings are not possible

PHYSICAL PROPERTY

STANDARD TEST METHOD FOR BITUMINOUS ROOF MEMBRANES

VALUES/UNITS

Membrane Thickness

ASTM D 5147 section 5

90 mils (2.3 mm)

Peak Load @ 73°F (avg.)

ASTM D 5147 section 6

70 lbf/in (12.3 kN/m)

Elongation @ Peak Load (avg.)

ASTM D 5147 section 6

42%

Peak Load @ 73°F (avg.)

ASTM D 412 (dumbbell)

90 lbf/in (15.8 kN/m)

Elongation @ Peak Load (avg.)

ASTM D 412 (dumbbell)

55%

Shore A Hardness (avg.)

ASTM D 2240

81

Water Absorption (Method I) (24th @ 73°F [23°C])

ASTM D 570

0.41%

Water Absorption (Method II) (24th @ 122°F [23°C])

ASTM D 570

1.57%

Low Temperature Flexibility

ASTM D 5147 section 11

-13°F (-25°C)

Dimensional Stability (maximum movement)

ASTM D 5147 section 10

0.063%

Tear Strength

ASTM D 5147 section 7

107 lbf (0.5 kN)

Values based on 90 mil (2.3mm) thick reinforced PMMA membrane.



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A close-up photograph showing a metal tool, likely a trowel or roller, applying a bright red roofing membrane to a concrete surface. The membrane is being spread over a layer of grey aggregate material. The background is a solid blue color.

PEAK ADVANTAGE

Johns Manville

One-manufacturer full-system guarantee

Johns Manville offers one of the most comprehensive guarantees in the roofing industry. That's the advantage you can expect from a financially stable, dependable leader that has been around for over 160 years.



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Johns Manville Commercial Roofing Systems



Johns Manville Roofing Systems



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Above it all

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