Johns Manville

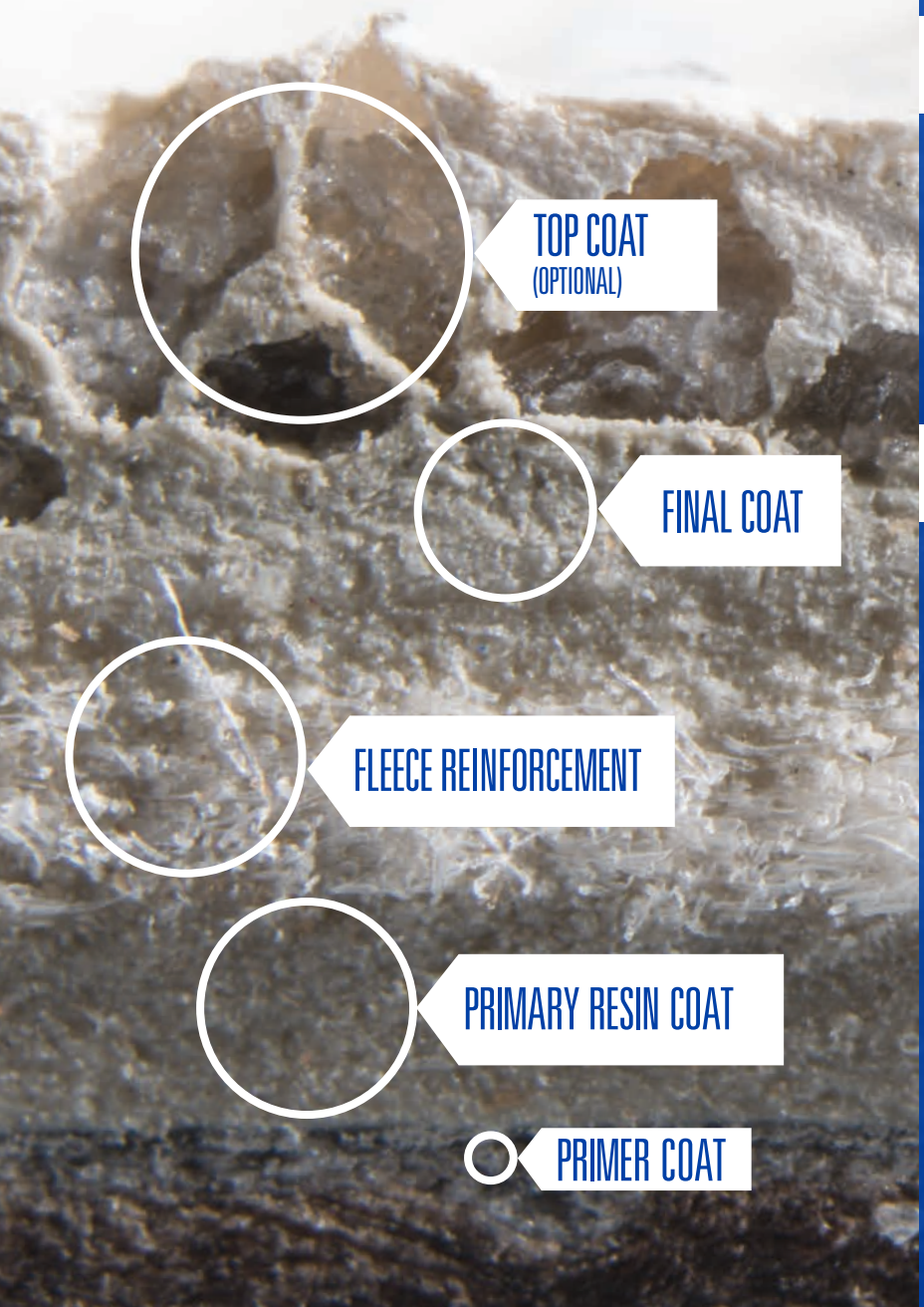
JM PMMA

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.



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.

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

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.

Johns Manville

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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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Above it all

RS-2363 8-22 (Replaces 6-18)