



JM EPDM SYSTEMS

SINGLE PLY ROOFING

EPDM FROM JM

JOHNS MANVILLE BEGAN SELLING AND MARKETING EPDM IN 1982 AND HAS SINCE BECOME A PROVEN, DEPENDABLE LEADER AND PROVIDER OF EPDM (ETHYLENE-PROPYLENE-DIENE MONOMER) COMMERCIAL ROOFING MEMBRANES AND ACCESSORIES.

Here at Johns Manville, we never stop responding to our customers' growing and changing needs. We take great pride in developing a full portfolio of single ply and bituminous system solutions to help you find exactly what you need. These solutions include thermal insulations, cover boards, adhesives, cements and roof coatings—all backed by one of the most respected guarantees in the industry, the JM Peak Advantage® Guarantee.

In 2012, our commitment to the EPDM market expanded when we built our EPDM facility in Milan, Ohio. There, we gathered the finest raw materials on the market so our leading engineers and scientists could produce the JM EPDM formulation.

JM EPDM gives you valuable advantages:

- › *Cleaner, smoother sheets*
- › *High flexibility and stability*
- › *High resistance to UV degradation*
- › *Puncture resistance*
- › *Full line of low-VOC products*
- › *One-sided application with water-based adhesive*



CONFIDENCE IN A SINGLE PLY SYSTEM.

Expect the JM EPDM membrane to respond well to stress and return to its original shape, thanks to the EPDM polymer. Through a wide range of temperatures and conditions, this thermoset becomes a prime solution for your single ply roofing needs.

- › Pliable and durable
- › Strong
- › Ozone-resistant

EXTRUSION OR CALENDER TECHNOLOGIES?

Through tests and assessments, we've determined that extruded sheets carry more advantages over the calender process that has historically been used by other EPDM manufacturers.

- › Reduction in air entrapment
- › Appearance and quality of sheet are not impacted by temperature and humidity
- › JM offers a fully extruded, high-quality sheet for 100 percent of its EPDM membrane production

SERVICE EVERY STEP OF THE WAY.

We have provided experience, expertise and dependable service for over 150 years.

- › Our technical support team offers on-site consultation and answers your roof-related questions
- › Our specifier services team promotes the best solution for certain climate conditions, provides the right guide language and reviews plans thoroughly
- › Our sales and customer support teams provide accurate information and facilitate shipments by working closely with sales reps

ADVANTAGES OF JM EPDM.

CLEANER

Our sheets take less labor to install.

SMOOTHER

Our extrusion technology eliminates defects such as pockmarks, which results in a consistently smooth membrane surface.

MORE CHOICES

We offer more options to perfectly suit your needs. We are the only manufacturer to offer a line of single- and double-sided pre-taped membranes.



OUR COMMITMENT TO THE EPDM MARKET BEGINS IN MILAN, OHIO.

When the plant opened in 2012, it became one of the world's most technically advanced. As the demand for more comprehensive total system solutions rises, we remain invested and dedicated to meeting your needs.

ADVANTAGES OF BLACK EPDM OVER WHITE ROOFS.

Black EPDM roofs can help minimize energy consumption and costs for building owners in regions with more heating than cooling days.

SUPERIOR ADHESIVES.

With the rise in environmental awareness and VOC regulations, we responded by creating a water-based, one-sided, wet-lay-in adhesive, the only one in the market.

We offer a complete line of adhesives for EPDM, including traditional solvent-based, LVOC and our new All Season Sprayable Bonding Adhesive.

EASY TO INSTALL. EASY TO RE-COVER ROOFS.

EPDM is a very flexible membrane, in part due to the different-width sheets. JM EPDM can be installed in a variety of ways—adhered, ballasted and mechanically fastened. It also makes an excellent re-cover choice, especially when combined with a new layer of JM insulation and cover board.

SELF-ADHERED OPTION.

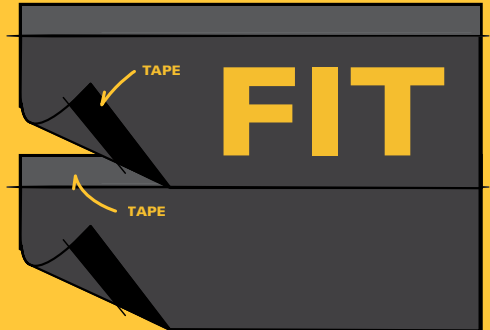
New EPDM FIT SA with factory-applied adhesive allows up to 3x faster installation and has an extended installation window with a temperature range of 20°F and rising and no adhesive flash-off needed.

450 MILLION FT²

OF HIGH-QUALITY EPDM MADE IN OUR MILAN, OHIO, PLANT, INSTALLED NATIONWIDE



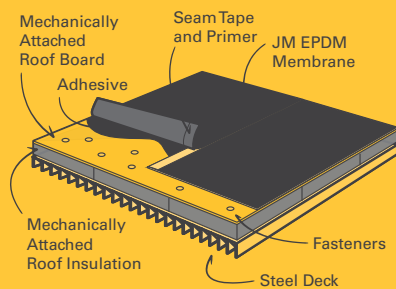
We've placed distribution and manufacturing facilities within a 500-mile radius of 85% of our EPDM market, helping us fulfill orders quicker. These facilities can be found in Rockdale, Illinois; Milan, Ohio; and Hazle Township, Pennsylvania.



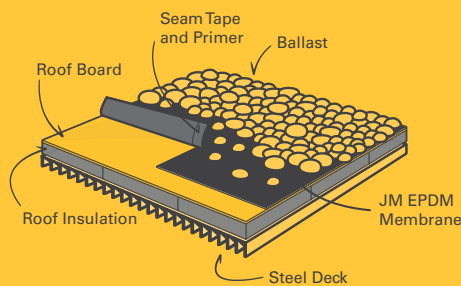
On cold days when primer flash times can be unpredictable, JM FIT Systems eliminate the need for primer and ensure a faster install.

ANATOMY OF AN EPDM SYSTEM

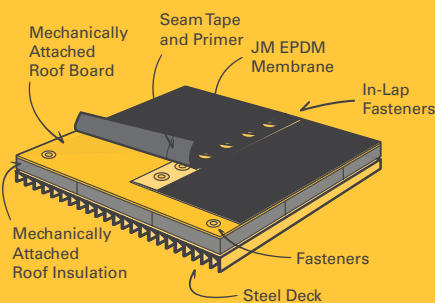
JM EPDM ADHERED SYSTEM



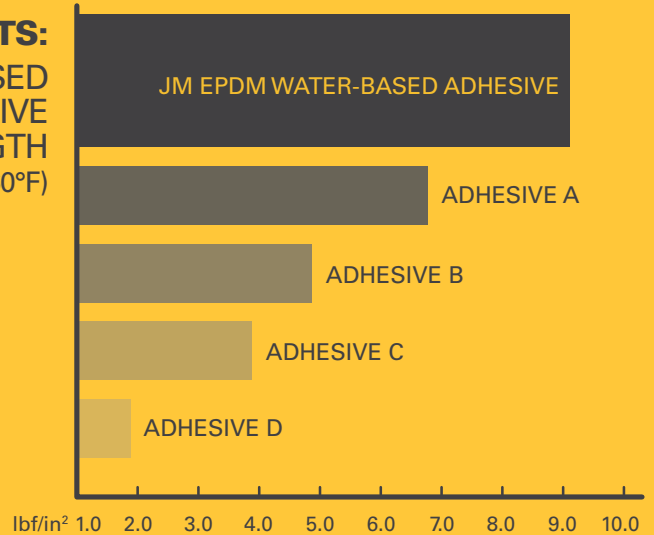
JM EPDM BALLASTED SYSTEM



JM EPDM MECHANICALLY ATTACHED SYSTEM

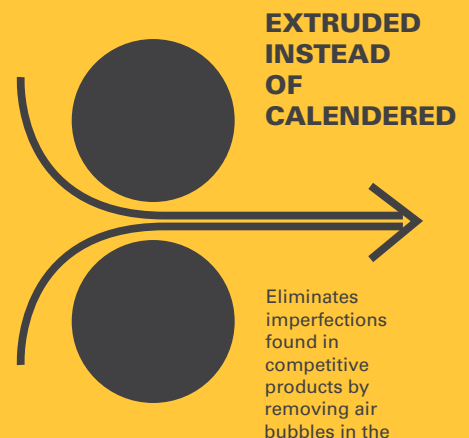


TEST RESULTS: WATER-BASED ADHESIVE PEEL STRENGTH (30 DAYS AT 160°F)



EXCELLENT OZONE RESISTANCE.

JM EPDM polymer and carbon black absorbs UV rays, making these among the most ozone-resistant sheets found anywhere.



FIND THE MEMBRANE THICKNESS AND ROLL SIZE THAT ARE RIGHT FOR YOU.

	ROLL SIZE	MATERIAL ID	WEIGHT
EPDM MEMBRANE			
JM EPDM NR 45 MIL	10' x 50'	90017403	178 lb./roll
	10' x 100'	90017400	336 lb./roll
	20' x 50'	90017405	336 lb./roll
	20' x 100'	90017404	652 lb./roll
	30' x 100'	90017406	998 lb./roll
	40' x 100'	90017407	1,314 lb./roll
JM EPDM R 45 MIL	10' x 100'	90017414	302 lb./roll
JM EPDM NR 60 MIL	10' x 50'	90017409	211 lb./roll
	10' x 100'	90017408	409 lb./roll
	20' x 50'	90017411	400 lb./roll
	16'8" x 100'	90017416	714 lb./roll
	20' x 100'	90017410	787 lb./roll
	30' x 100'	90017412	1,200 lb./roll
	40' x 100'	90023069	1,584 lb./roll
JM EPDM R 60 MIL	10' x 100'	90017415	388 lb./roll
JM EPDM R 75 MIL	10' x 100'	90017417	491 lb./roll
JM EPDM NR 90 MIL	10' x 100'	90017413	597 lb./roll

EPDM PRE-TAPED MEMBRANE, 1-SIDED			
JM EPDM NR 45 MIL—FIT 4" PRE-TAPED	10' x 100'	90028837	341 lb./roll
	20' x 100'	90028840	657 lb./roll
	30' x 100'	90028841	1,003 lb./roll
JM EPDM NR 60 MIL—FIT 4" PRE-TAPED	10' x 100'	90028826	408 lb./roll
	16'8" x 100'	90028827	719 lb./roll
	20' x 100'	90028831	792 lb./roll
	30' x 100'	90028832	1,205 lb./roll
JM EPDM FIT SA 60 MIL 3" PRE-TAPED	10' x 100'	90038776	465 lb./roll
JM EPDM R 60 MIL—FIT 4" PRE-TAPED	10' x 100'	90028830	385 lb./roll
JM EPDM NR 90 MIL—FIT 4" PRE-TAPED	10' x 100'	90028835	597 lb./roll
JM EPDM R 45 MIL—FIT (MF) 6" PRE-TAPED	10' x 100'	90028930	322 lb./roll
JM EPDM NR 60 MIL—FIT 6" PRE-TAPED	10' x 100'	90028829	411 lb./roll
	16'8" x 100'	90028836	722 lb./roll
	20' x 100'	90028838	795 lb./roll
	30' x 100'	90028839	1,208 lb./roll
JM EPDM R 60 MIL—FIT (MF) 6" PRE-TAPED	10' x 100'	90028931	388 lb./roll
JM EPDM R 75 MIL—FIT (MF) 6" PRE-TAPED	10' x 100'	90028932	511 lb./roll
JM EPDM NR 90 MIL—FIT 6" PRE-TAPED	10' x 100'	90028828	597 lb./roll

EPDM PRE-TAPED MEMBRANE, 2-SIDED			
JM EPDM NR 45 MIL—FIT 4" PRE-TAPED	10' x 100'	90025787	321 lb./roll
JM EPDM R 45 MIL—FIT 4" PRE-TAPED	10' x 100'	90025788	317 lb./roll
JM EPDM NR 60 MIL—FIT 4" PRE-TAPED	10' x 100'	90017420	421 lb./roll
	16'8" x 100'	90017421	732 lb./roll
JM EPDM R 60 MIL—FIT 4" PRE-TAPED	10' x 100'	90023546	409 lb./roll
JM EPDM R 75 MIL—FIT 4" PRE-TAPED	10' x 100'	90023985	506 lb./roll
JM EPDM NR 90 MIL—FIT 4" PRE-TAPED	10' x 100'	90024442	634 lb./roll
JM EPDM R 45 MIL—FIT (MF) 6" PRE-TAPED	10' x 100'	90027481	322 lb./roll
JM EPDM NR 60 MIL—FIT 6" PRE-TAPED	10' x 100'	90021787	426 lb./roll
	16'8" x 100'	90025182	737 lb./roll
JM EPDM R 60 MIL—FIT 6" PRE-TAPED	10' x 100'	90023547	414 lb./roll
JM EPDM R 60 MIL—FIT (MF) 6" PRE-TAPED	10' x 100'	90025178	414 lb./roll
JM EPDM R 75 MIL—FIT 6" PRE-TAPED	10' x 100'	90023907	511 lb./roll
JM EPDM R 75 MIL—FIT (MF) 6" PRE-TAPED	10' x 100'	90025810	511 lb./roll
JM EPDM NR 90 MIL—FIT 6" PRE-TAPED	10' x 100'	90018015	639 lb./roll

WE MEET APPLICATION STANDARDS.

We offer UL® Class A fire ratings along with FM Global® wind uplift ratings of up to 1-990 over concrete and 1-255 over steel on our systems. Our commitment to testing and retesting ensures that we meet codes regularly.

OVER 160 YEARS OF EXPERIENCE.

Throughout our history, we have offered companies like yours ever-expanding product solutions to best fit your specific roofing needs. Our pursuit of new solutions has led to many innovations, and we now offer you the industry's most complete portfolio of commercial roofing systems.

Knowing all your solutions come from one manufacturer means you know that we will always have you fully covered.

QUESTIONS?

If you have questions about JM EPDM or any other JM products, please feel free to visit JM.com/roofing or call (800) 922-5922.

PEAK ADVANTAGE *Johns Manville*

One manufacturer, one 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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