



# JM TPO SYSTEMS

SINGLE PLY ROOFING



# DESIGNED FOR EFFICIENCY, DURABILITY AND LONGEVITY

JM TPO gives you a more cost-effective, yet highly reliable solution for your roofing projects. Our membranes are reinforced with a polyester fabric and manufactured with an ultraviolet-resistant thermoplastic polyolefin formulation. This combination provides you with extreme pliability, flexibility and weldability.

# JOHNS MANVILLE TPO

We launched our state-of-the-art TPO formulation in 2008, when many of our competitors already had products in the TPO market. While we felt pressure to meet ever-growing demands by getting into the market quickly, we determined it was more important to take the time to produce a higher-quality TPO product and do it right the first time.

## QUALITY IS BUILT IN



Cost-effective



Durable



Efficient



Flexible



Withstands long-term weathering, is UV-resistant and resists heat-aging



Lays flat



Has one of the widest weld windows of any TPO on the market for commercial roofing, providing superior weldability



## THE LEADING CHOICE FOR CONTRACTORS

# 70%

selected JM TPO as their membrane of choice.

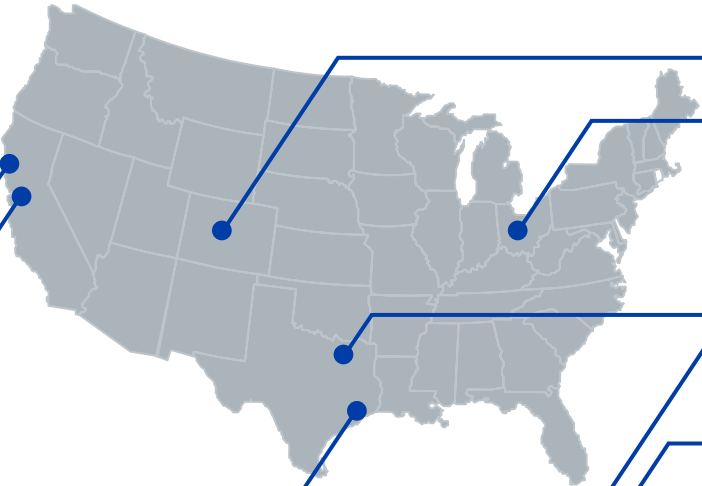
In 2010, we launched the very first TPO Challenge and still continue to host challenges today. Well over 1,000 contractors, specifiers, consultants, welders and other roofing professionals have taken part in nationwide blind challenges to compare leading TPO membranes. Among experienced welders, 70% of these professionals selected JM TPO as their membrane of choice.

Those who regularly use TPO prefer JM TPO for:

- Wide weld window
- Seam strength
- Lay-flat properties
- Workability

In 2015, we started a program to research the real-world performance of our TPO membranes. We partnered with our trusted owners and contractors to perform roof cuts in various locations all across the United States. A third party tested the material against various ASTM requirements, and the results tell the great JM TPO story.

## 60 MIL WHITE TPO: REAL-WORLD TESTED, REAL-WORLD PROVEN



10 YEARS	LONGMONT CO		ASTM
	Thickness	59 mil	✓
	Seam Strength	138 lbf	✓
	Brittleness Point	Pass	✓

7 YEARS	FREMONT CA		ASTM
	Thickness	57 mil	✓
	Seam Strength	115 lbf	✓
	Brittleness Point	Pass	✓

7 YEARS	UNION CITY CA		ASTM
	Thickness	57 mil	✓
	Seam Strength	115 lbf	✓
	Brittleness Point	Pass	✓

7 YEARS	GROVE CITY OH		ASTM
	Thickness	57 mil	✓
	Seam Strength	116 lbf	✓
	Brittleness Point	Pass	✓

6 YEARS	FARMERS BRANCH TX		ASTM
	Thickness	56 mil	✓
	Seam Strength	119 lbf	✓
	Brittleness Point	Pass	✓

6 YEARS	HOUSTON TX		ASTM
	Thickness	58 mil	✓
	Seam Strength	111 lbf	✓
	Brittleness Point	Pass	✓

For average annual climate details, visit <https://www.jmroofing.news/jmtpo-roofcut>



*"The guys like how they can take the membrane in tight at the angle change from the roof to the wall. So it's a very forgiving sheet and a high-quality sheet that we are getting nice feedback from the field."*

**Jack Scalo**  
President/CEO  
Burns & Scalo  
Roofing

# JM TPO

## CONTINUES TO BE THE TOP CHOICE FOR CONTRACTORS STILL TODAY

The JM TPO Challenge keeps demonstrating that contractors still stand by JM TPO as the most flexible, smoothest and most weldable sheet.



### FLEXIBLE

**Better for angle changes and working around penetrations**

- Saves you time by achieving tighter fit at angle changes for more precise, detailed cuts
- Handles colder temperatures better
- Creates better laps by laying flat



### WELDABLE

**Consistent welding lets you work in optimum conditions and the harshest environments**

- Strong, consistent and proven seam strength, lap to lap
- A wider weld window can prevent cold welds and false welds



### SMOOTH

**Smoother sheets make compliance for initial reflectivity easier**

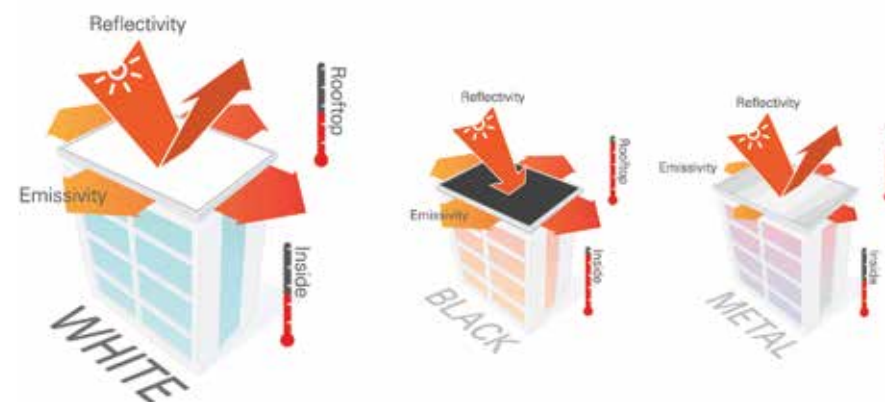
- Smooth membranes hold on to less dirt
- Maintains reflective advantage longer with smoother surfaces

*"The weldability of the product, the quality of the sheet itself and all the accessories that are produced are the best in the industry. And that's from the guys in the field."*

**John Kalkreuth**  
President  
Kalkreuth Roofing & Sheet Metal

The lighter-colored JM TPO reflects solar energy to lower the amount of heat absorbed into the building, greatly reducing air-conditioning energy loads and costs.

White JM TPO membrane is ENERGY STAR® rated and meets the stringent requirements for both LEED® (Leadership in Energy and Environmental Design) and California Title 24 when tested by the CRRC® (Cool Roof Rating Council).



## MORE RELIABLE. LESS WASTE.



Between 2011 and 2013, JM's Scottsboro, Alabama roofing facility reduced its waste by 85 percent. In 2014, waste disposal at this plant was nearly half of what it was in 2013. Our Scottsboro plant continues to employ a stringent recycling program to minimize waste as it has since the launch of this program in 2011.



JM CR and CR G products  
are Title 24 compliant

*“I was confident we would realize a cost savings on the first install using 12-foot rolls, and we did.”*

Jess Spain, Vice President, Great Lakes Roofing

MORE OPTIONS TO  
**MAKE YOU MORE PROFIT**

**12' WIDE ROLLS**

We recently opened a second production line for our newest offerings—12' wide and 6' wide sheets. Contractors working on commercial projects now have even more flexibility and choices with JM TPO. The 12' wide sheets give contractors the opportunity to save time with fewer field seams, less crane time and less waste. JM TPO 12' and 6' sheets are available in all thicknesses: 45, 60 and 80 mils.



**SELF-ADHERED**

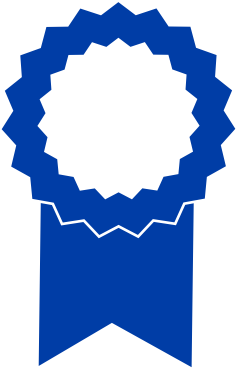
JM TPO SA (Self-Adhered) membranes can be installed up to three times faster than a traditional fully adhered application through the “peel and stick” technology of our factory-applied adhesive. TPO SA works great for installations that require little to no VOCs and may also have fewer weather restrictions than many traditional adhesive systems. JM TPO SA starts strong and stays strong for the full life of the roof.



**Our financial strength allows us to provide some of the strongest and most comprehensive guarantees in the roofing industry.**

We offer roofing warranties and 10-, 15-, 20-, 25- and 30-year No Dollar Limit (NDL) roofing guarantees, depending on the roof system selected. Even if you never have cause to fall back on the JM Peak Advantage® Guarantee, Johns Manville Roofing Systems provide you with additional value by offering technical assistance to the building owner throughout the life of the agreement.

**20  
YEAR  
GUARANTEE**



**FIND THE RIGHT JM TPO ROLLS FOR YOUR NEXT PROJECT**

COLOR	THICKNESS	ROLL SIZE	MATERIAL ID	PACKAGING	WEIGHT	COVERAGE
WHITE	45 MIL	12' x 100'	90026094	9 rolls/pallet	318 lb/roll	1,200 ft <sup>2</sup>
		10' x 100'	90001399		265 lb/roll	1,000 ft <sup>2</sup>
		8' x 100'	90001398		210 lb/roll	800 ft <sup>2</sup>
		6' x 100'	90026093		160 lb/roll	600 ft <sup>2</sup>
		5' x 100'	90001397		133 lb/roll	500 ft <sup>2</sup>
	60 MIL	12' x 100'	90026096	8 rolls/pallet	414 lb/roll	1,200 ft <sup>2</sup>
		10' x 100'	90001408		345 lb/roll	1,000 ft <sup>2</sup>
		8' x 100'	90001407		275 lb/roll	800 ft <sup>2</sup>
		6' x 100'	90026095		208 lb/roll	600 ft <sup>2</sup>
		5' x 100'	90001406		173 lb/roll	500 ft <sup>2</sup>
	60 MIL MIN	10' x 100'	90013942	8 rolls/pallet	355 lb/roll	1,000 ft <sup>2</sup>
		5' x 100'	90021710		173 lb/roll	500 ft <sup>2</sup>
	FB 115	10' x 100'	90001694	7 rolls/pallet	385 lb/roll	1,000 ft <sup>2</sup>
	FB 150 (Hot Moppable)	10' x 75'	90024979	7 rolls/pallet	355 lb/roll	750 ft <sup>2</sup>
	TPO SA 60 MIL	10' x 100'	90025037	8 rolls/pallet	396 lb/roll	1,000 ft <sup>2</sup>
		5' x 100'	90025229		198 lb/roll	500 ft <sup>2</sup>
	80 MIL	12' x 75'	90026695	8 rolls/pallet	410 lb/roll	900 ft <sup>2</sup>
		10' x 75'	90001417		345 lb/roll	750 ft <sup>2</sup>
		8' x 75'	90001416		235 lb/roll	600 ft <sup>2</sup>
		6' x 75'	90026694		205 lb/roll	450 ft <sup>2</sup>
		5' x 75'	90001415		173 lb/roll	375 ft <sup>2</sup>
	FB 135	10' x 50'	90001558	8 rolls/pallet	230 lb/roll	500 ft <sup>2</sup>
	FB 175 (Hot Moppable)	10' x 50'	90025016	8 rolls/pallet	277 lb/roll	500 ft <sup>2</sup>
GREY	45 MIL	10' x 100'*	90001393	9 rolls/pallet	265 lb/roll	1,000 ft <sup>2</sup>
		8' x 100'*	90001392		210 lb/roll	800 ft <sup>2</sup>
		5' x 100'*	90001391		133 lb/roll	500 ft <sup>2</sup>
	60 MIL	12' x 100'**	90026691	8 rolls/pallet	414 lb/roll	1,200 ft <sup>2</sup>
		10' x 100'**	90001402		345 lb/roll	1,000 ft <sup>2</sup>
		8' x 100'*	90001401		275 lb/roll	800 ft <sup>2</sup>
		6' x 100'*	90026690		208 lb/roll	600 ft <sup>2</sup>
		5' x 100'**	90001400		173 lb/roll	500 ft <sup>2</sup>
	FB 115	10' x 100'*	90014106	7 rolls/pallet	385 lb/roll	1,000 ft <sup>2</sup>
	80 MIL	10' x 75'*	90001411	8 rolls/pallet	345 lb/roll	750 ft <sup>2</sup>
		8' x 75'*	90001410		235 lb/roll	600 ft <sup>2</sup>
		5' x 75'*	90001409		173 lb/roll	375 ft <sup>2</sup>
TAN	45 MIL	10' x 100'*	90001396	9 rolls/pallet	265 lb/roll	1,000 ft <sup>2</sup>
		8' x 100'*	90001395		210 lb/roll	800 ft <sup>2</sup>
		5' x 100'*	90001394		133 lb/roll	500 ft <sup>2</sup>
	60 MIL	12' x 100'**	90026693	8 rolls/pallet	414 lb/roll	1,200 ft <sup>2</sup>
		10' x 100'**	90001405		345 lb/roll	1,000 ft <sup>2</sup>
		8' x 100'*	90001404		275 lb/roll	800 ft <sup>2</sup>
		6' x 100'*	90026692		208 lb/roll	600 ft <sup>2</sup>
		5' x 100'**	90001403		173 lb/roll	500 ft <sup>2</sup>
	FB 115	10' x 100'*	90013979	7 rolls/pallet	385 lb/roll	1,000 ft <sup>2</sup>
	80 MIL	10' x 75'*	90001414	8 rolls/pallet	345 lb/roll	750 ft <sup>2</sup>
		8' x 75'*	90001413		235 lb/roll	600 ft <sup>2</sup>
		5' x 75'*	90001412		173 lb/roll	375 ft <sup>2</sup>

\*1,000 ft<sup>2</sup> minimum order required

\*\*Standard stock item



# PEAK ADVANTAGE **Johns Manville**

Johns Manville offers one of the most comprehensive guarantees in the roofing industry. That's the advantage you can expect from a longtime, dependable leader with the financial backing of Berkshire Hathaway.



717 17th St.  
Denver, CO 80202  
(800) 922-5922  
[www.jm.com/roofing](http://www.jm.com/roofing)



[facebook.com/JohnsManville](https://facebook.com/JohnsManville)



[@JMRoofingSystem](https://twitter.com/JMRoofingSystem)



[JohnsManvillevideos](https://JohnsManvillevideos)



[www.jmroofing.news](http://www.jmroofing.news)