



**MATERIALS MATTER.**

Legendary innovation in every detail of every product.

CONTRACTOR



**JM SPRAY FOAM: A BETTER PRODUCT  
FROM A BETTER PARTNER**

## Johns Manville Spray Foam solutions:

Spray polyurethane foam (SPF) insulation is an essential component in creating structures that are energy efficient, quiet and comfortable.

### The benefits of spray foam:

- Insulate and air seal with a single product
- Reduce the chance of mold growth
- Stop premature building deterioration
- Prevent condensation, ice damming and unwanted attic moisture\*
- Improve indoor air quality
- Decrease unwanted noise
- Increase structural strength\*\*
- Highest R-value per inch

\*Class 1 vapor retarder.

\*\*Closed-cell product only.

### Why use spray foam: air barriers by the numbers

- Effective air barriers are the number one contributors to energy-efficient structures, leading to energy savings of up to 40 percent.\*
- Air barrier systems can reduce leakage by up to 83 percent, essentially decreasing electricity consumption of more than 25 percent and gas usage by up to 40 percent.\*\*
- Installing the proper insulation will boost heating and cooling efforts and lead to cost savings of up to 20 percent.†
- Increase the resale value of the property.

\*United States Department of Energy.

\*\*NAHB Research Center for the Society of Plastics Industry/Polyurethane Foam Contractors Division.

†Environmental Protection Agency.

### VARIOUS INSULATION MATERIALS AGED R-VALUE PER INCH

Batt Type			3.1 to 4.5					
Spray In/ Dense Pack			3.7 to 4.5					
Loose Fill		2.9 to 3.7						
Board Stock Foam			3.2 to 6.5					
Open-cell Spray Foam		3.6 to 3.9						
Closed-cell Spray Foam					5.6 to 7.2			
	1	2	3	4	5	6	7	8

Aged R-value per 1" of Insulation

*According to the National Association of Home Builders, the use of closed-cell spray foam insulation in wall cavities can increase racking strength by 75 to 200 percent. Additionally, it can increase the longevity of the building and help support the framing structure.*





## A spray foam solution for every situation.

No matter the climate or level of performance required, JM has a spray foam insulation solution that will improve energy efficiency, performance and comfort of the structure.

### JM Corbond III® Spray Foam

JM Corbond III SPF has one of the highest yields of any closed-cell spray foam insulation. With a maximum lift thickness of up to three inches in a single pass and an R-value of more than R-7 per inch, R-21 can be reached in a single pass and R-42 can be achieved in two. In addition, JM Corbond III SPF can be installed in temperatures as low as 25 degrees Fahrenheit.



### JM Corbond MCS™ Spray Foam

JM Corbond MCS Spray Foam insulation expands far beyond its initial volume, sealing all voids and hard-to-reach areas, perfectly filling cavities of any shape, which provides a continuous, protective air barrier that practically eliminates air leakage. JM Corbond MCS SPF will last for the life of the structure and does not support mold or mildew growth.

JM Corbond III and JM Corbond MCS SPF can be applied to:

- Interior and exterior walls
- Cathedral roofs and attics
- Floors
- Plumbing and fixtures
- Plywood, rock and brick
- New and retrofit applications
- Commercial and residential structures
- The most complex designs

### JM Open-Cell Spray Foam

JM open-cell SPF expands 120 times its initial volume, sealing all voids, gaps and crevices, which makes it perfect for filling wall cavities of any shape or size. It provides R-3.8 at 1 inch and is mold and mildew resistant.

JM open-cell SPF can be applied to:

- Walls
- Floors
- Attics
- Crawl spaces

### Compare JM Spray Foam Products

Use this comparison chart to identify the JM Spray Foam product that will work best for your project and climate.

	JM Corbond III SPF	JM Corbond MCS SPF	JM Open-Cell SPF
Improves energy efficiency through air sealing	✘	✘	✘
Fills gaps and voids	✘	✘	✘
No shrinking or settling	✘	✘	✘
Creates stronger structures	✘	✘	
Controls moisture movement	✘	✘	
Acoustical performance	✘	✘	
R-value of 6.4 per inch	✘		
3-inch maximum lift	✘		

## Helping contractors exceed expectations for more than 150 years.

It's not just insulation. It's the reputation of your business on the line. JM is your insulation partner dedicated to world-class support.

JM offers a wide range of benefits and services to enhance your business. From sales leads and business development credits to co-op buying programs and marketing support, our contractor program is one of the most comprehensive in the industry.

### **Innovative solutions from an industry leader.**

We test for greater innovation in the lab so you can achieve enhanced performance on the site.

### **Save time with a single resource.**

Johns Manville is the only company to manufacture a complete line of hybrid insulation solutions. JM is an authorized national Graco SPF equipment dealer, offering turnkey trucks, spray-rig packages and all of the equipment, parts and training you need.

### **Take advantage of our technical expertise.**

Installing insulation can have its challenges. With Johns Manville, our technicians are just a phone call away from helping solve whatever problem you experience. The JM technical staff offers a variety of onsite or classroom training opportunities for spray foam installers, as well as refresher classes and equipment support.

Call **(888) 949-9089** to speak to a Johns Manville representative today or visit **[www.JM.com](http://www.JM.com)** to learn more.





**Johns Manville Insulation Systems**

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