

JM CORBOND III® SPRAY FOAM CLIMATE ISOLATION SYSTEM®

HOMEOWNERS





ENERGY SAVINGS AND COMFORT BEGIN ON THE INSIDE.

When you are designing a comfortable and energy-efficient home, the first details that may come to mind are low-energy appliances and cutting-edge heating, ventilation and air-conditioning (HVAC) systems. While all these details are important, creating an energy-efficient and comfortable home begins on the inside, within the walls, floors and attic. Installing a premium insulation solution is one of the best ways to increase energy efficiency, lower energy costs and increase overall comfort inside your home.

YOUR INSULATION IS AN IMPORTANT CHOICE

The cost of the heating and cooling portion of your energy bills is rising and is expected to continue to rise. According to the U.S. Energy Information Administration, average household heating and cooling expenditures are expected to increase by up to 4.3 percent in 2012. According to the EPA, you can save up to 20 percent on your heating and cooling bills by adding insulation and sealing air leaks in your home. JM Corbond III closed-cell spray polyurethane foam (SPF) is one of the most effective forms of insulation. It creates a virtually impenetrable “building envelope” around the outer shell of your house, making your home more energy efficient, quieter and structurally stronger. JM Corbond III SPF also improves indoor air quality by reducing moisture accumulation.

With its superior energy savings, JM Corbond III SPF will pay for itself in the long run, making it a smart investment. Additionally, an energy-efficient, comfortable home increases resale value while making it a more enjoyable and healthy living environment.

WALLS THAT WORK

JM Corbond III SPF successfully achieves thermal, air and moisture isolation. Both the indoor and outdoor climates are effectively displaced out of the cavity as JM Corbond III SPF is installed in its seamless, fully adhered form, so you get walls that work, no matter what.





WHAT IS JM CORBOND III SPF?

JM Corbond III SPF is a closed-cell spray-in polyurethane foam insulation that can be installed only by a professional. Sprayed in a liquid form, it quickly solidifies and binds to the application area creating tiny foam cells that insulate. Once the foam solidifies, it forms a dense plastic air barrier that prevents outside air from infiltrating your home and conditioned air from escaping the confinements of your home. It also adds strength to your home's structure.

JM Corbond III SPF provides an extremely high R-value,* it attains an R-19 when sprayed at a thickness of 3 inches and an R-38 at 6 inches. Not only does JM Corbond III SPF provide a great resistance to air leakage, it also provides increased protection from water vapor and outstanding noise reduction. JM Corbond III SPF and its unique Lavender® color have become a symbol of uncompromising quality, performance and environmental commitment.

JM CORBOND III SPF BENEFITS:

- A thermal, air and moisture barrier
- No shrinking, no settling
- Stronger structures
- Increased living space
- Faster, more flexible installation
- Better formulation
- Efficient air-handling systems
- Flexible hybrid application

*R-value means resistance to heat flow. The higher the R-value, the greater the insulating power.





NO SHRINKING, NO SETTLING.

JM Corbond III SPF expands and adheres to whatever it touches, forming a hard impenetrable solid cellular plastic. Unlike some other types of insulation, it will not shrink, settle or crack. So its superior thermal performance lasts for the life of your home.

A THERMAL, AIR AND MOISTURE BARRIER.

The JM Corbond III Climate Isolation System creates an effective air barrier that keeps conditioned air inside your home and outdoor air where it belongs—outside. This creates thermal, air and moisture isolation, which reduces energy use, improves indoor air quality and even strengthens the structure of your home all in one product.

THERMAL ISOLATION

Whether it is 14 degrees below zero or 110 degrees in the shade, JM Corbond III SPF works to prevent heat loss and gain, helping you save on the heating and cooling portion of your energy costs. With an R-value of 6.4 per inch, it attains an R-19 when sprayed at a thickness of 3 inches and an R-38 at 6 inches, offering excellent thermal performance with thin applications.

AIR ISOLATION

JM Corbond III SPF creates an air barrier between indoor and outdoor climates, increasing indoor air quality and comfort in your home by preventing unwanted air from entering your home and conditioned air from leaving your home.

MOISTURE ISOLATION

JM Corbond III SPF is a vapor retarder, reducing the risk of moisture damage. JM Corbond III SPF is not subject to mold growth, which helps protect the air and provides healthy and safe living conditions within your home.





STRONGER STRUCTURES.

With JM Corbond III SPF, your home's structure is actually stronger. When the foam adheres to the framework, it forms a solid layer between studs, effectively gluing the house together. When properly installed, closed-cell spray foam like JM Corbond III SPF creates a more solid and sturdy structure.*

INCREASED LIVING SPACE.

JM Corbond III SPF provides excellent thermal performance and a high R-value, even with thin applications. Since thinner walls can be just as effective as their traditional counterparts, less square footage is needed for insulating, which means increased living space for your home and more room for comfort.

ENERGY-EFFICIENT AIR-HANDLING SYSTEMS.

JM Corbond III SPF provides tighter home thermal isolation, meaning your home can stay comfortable using smaller HVAC equipment, which is more efficient to operate. This helps reduce energy consumption, which can lead to lower utility bills.

*National Association of Home Builders (NAHB) Research Center



FASTER, MORE FLEXIBLE INSTALLATION.

JM Corbond III SPF is one of the only spray foam insulations that can be applied 3 inches thick in a single pass, so it takes less time to install at the desired R-value. It can also be installed virtually any time of the year, in temperatures as low as 25 degrees Fahrenheit. This helps save money on materials and labor while also allowing installation to fit your building schedule.

A BETTER FORMULATION.

Our unique trademarked Lavender color is the sign of quality. JM Corbond III SPF uses high-quality ingredients, is ozone safe and makes your home more energy efficient, saving you money by reducing the heating and cooling portion of your energy bills. It provides a long life cycle, so you can trust it to last for the life of your home.

FLEXIBLE HYBRID APPLICATION.

JM Corbond III SPF can be used in conjunction with other types of JM fiber glass insulation. By combining multiple types of insulation, we create a unique hybrid insulation solution, providing your home with the trusted thermal performance of fiber glass insulation and the innovative properties of JM Corbond III SPF. This flexibility provides smart insulation solutions at any budget.

A TRUSTED INDUSTRY LEADER.

Johns Manville is a leader of industry innovation, developing reliable high-quality insulation products that offer smart solutions for improving your home. We're proud to be the only company that manufactures both fiber glass and spray foam insulation.

The unique Lavender color of JM Corbond III SPF is a visible symbol that immediately conveys the premium quality of the product and your contractor's craftsmanship. That's why all JM Corbond III SPF installers are trained to professionally install it, ensuring your insulation performs and lasts for the life of your home. We stand behind our product because we're invested in creating and offering a wide range of insulation solutions and knowledgeable installers.

Ask your contractor how JM Corbond III SPF can make your home more comfortable and energy efficient for years to come.

Visit JMhomeowner.com for more information.



Johns Manville
Insulation Systems
717 17th Street
Denver, CO 80202
(800) 654-3103
JMhomeowner.com

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from the Inside Out.®