



## Formaldehyde-free™ Fiber Glass Insulation

### JM FORMALDEHYDE-FREE™ FIBER GLASS INSULATION

JM Formaldehyde-free™ fiber glass building insulation offers the thermal and acoustical performance you expect from fiber glass—and it improves indoor air quality because it's made without formaldehyde. Why is that important? Because reducing overall formaldehyde levels in the home creates a healthier living environment, and choosing JM Formaldehyde-free™ insulation is one way of achieving that goal. JM offers a complete line of certified Formaldehyde-free™ fiber glass building insulation. Visit [JM.com](http://JM.com) or [JMhomeowner.com](http://JMhomeowner.com) for more information.

### PRODUCT DESCRIPTION

The Blow-In-Blanket System (BIBS™) is a patented process for installing JM Climate Pro loose-fill insulation. Climate Pro is blown in behind BIBS netting for complete coverage and high R-value efficiency in any size or shape cavity. BIBS provides a custom fit for thermally and acoustically superior insulation in walls, ceilings and floors. When installed to BIBS specifications, Climate Pro does not settle, retaining its original R-value.

### APPLICATIONS

Climate Pro BIBS is ideal for all wall cavities and the irregular and nonconforming areas around custom windows, arches, cathedral ceilings and in floors.

### INSTALLATION

Equipment for JM Climate Pro installation is engineered for professional use. Contact your local JM sales representative for an authorized contractor.

### PACKAGING

Packaged in convenient 31.5 pound (14.3 kg) plastic bags.

### RECOMMENDED STORAGE AND TRANSPORT

Store insulation indoors. Keep insulation clean and dry at all times. When transporting, cover completely with a waterproof tarpaulin as necessary.

### SPECIFICATION COMPLIANCE – CLIMATE PRO

CAN/ULC-S702-97, Type 5

CAN/ULC-S102.2: Flame Spread 25 or less, Smoke Developed 50 or less

CAN4-S114-M80, Non-combustible

ULC-S129-95, Smoulder Resistance-Pass

NBC 1995 Article 9.25.2.2, CSA A101-M

See CCMC Evaluation Report 12642-L

## Climate Pro® Blow-In-Blanket® System

### Formaldehyde-free™ Blow-in Loose-fill Fiber Glass Insulation



### PRODUCT ADVANTAGES

- Improves indoor air quality – because it's made without formaldehyde.
- Thermal efficiency – provides effective resistance to heat transfer. A certified installer can adjust the density to obtain the appropriate level of insulation. And it won't settle or separate, so the insulation retains its thermal efficiency.
- Sound control – reduces transmission of sound through exterior and interior walls.
- Fire resistant and noncombustible – see Specification Compliance.
- Noncorrosive – does not accelerate corrosion of pipes, wiring or metal studs.
- Durable – it will not rot, mildew or otherwise deteriorate. Unlike cellulose, Climate Pro will not hold moisture and will not suffer permanent loss of R-value.
- Fast, clean applications – quickly insulates spaces of any size or shape without cutting or fitting, for minimal scrap.
- Complete coverage – highly customized walls and vaulted ceilings get a seamless fit, eliminating gaps in nooks and crannies. Ensures a snug fit around plumbing fixtures, ventilation and electrical systems.

# Climate Pro® Blow-In-Blanket® System

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Visit our website at JM.com  
Or call: 1-800-661-9553

## CLIMATE PRO BLOW-IN-BLANKET SYSTEM® (BIBS) COVERAGE

| Thermal Resistance<br>To obtain insulation<br>resistance of: |    | Bags per Unit Area<br>The number of bags per 100 m <sup>2</sup> (1000 ft <sup>2</sup> )<br>of net area shall be not less than: |                      | Installed Thickness<br>Installed insulation may exceed<br>but shall not be less than: |        | Maximum Coverage<br>Contents of the bag<br>shall not cover more than: |                 | Minimum Wt./Unit Area<br>Weight of installed installation<br>should not be less than: |                    |
|--|----|--|----------------------|---|--------|---|-----------------|---|--------------------|
| RSI  | R  | 100 m <sup>2</sup>   | 1000 ft <sup>2</sup> | mm  | Inches | m <sup>2</sup>  | ft <sup>2</sup> | kg/m <sup>2</sup>   | lb/ft <sup>2</sup> |
| 2.5  | 14 | 17.9   | 16.7                 | 89  | 3½     | 5.6   | 60.0            | 2.56  | 0.53               |
| 3.9  | 22 | 28.2   | 26.2                 | 140   | 5½     | 3.5   | 38.2            | 4.03  | 0.83               |
| 5.1  | 29 | 37.2   | 34.5                 | 184   | 7¼     | 2.7   | 29.0            | 5.31  | 1.09               |
| 6.5  | 37 | 47.4   | 44.0                 | 235   | 9¼     | 2.1   | 22.7            | 6.77  | 1.39               |
| 2.6  | 15 | 22.9   | 21.3                 | 89  | 3½     | 4.4   | 47.0            | 3.28  | 0.67               |
| 4.2  | 24 | 36.0   | 33.5                 | 140   | 5½     | 2.8   | 29.9            | 5.15  | 1.05               |
| 5.5  | 31 | 47.5   | 44.1                 | 184   | 7¼     | 2.1   | 22.7            | 6.78  | 1.39               |
| 7.0  | 40 | 60.6   | 56.3                 | 235   | 9¼     | 1.7   | 17.8            | 8.66  | 1.77               |

The manufacturer recommends that the insulation be installed at these minimum thicknesses and maximum coverages to provide the levels of insulation thermal resistance (R-value) shown (based on 14.3 kg / 31.5 lb. average net weight per bag). Only contractors certified by BIBCA may install Climate Pro BIBS. You can be confident that the work done on your home by these contractors meets the highest standards.



Certified Climate  
Protection

Technical specifications as shown in this literature are intended to be used as general guidelines only. The physical and chemical properties of Johns Manville Formaldehyde-free™ Climate Pro® blow-in loose-fill fiber glass insulation listed herein represent typical average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. They are supplied as a technical service and are subject to change without notice. Any references to numerical flame spread or smoke developed ratings are not intended to reflect hazards presented by these or any other materials under actual fire conditions. Check with the sales office nearest you for current information. All Johns Manville products are sold subject to Johns Manville's Limited Warranty and Limitation of Remedy. For a copy of the Johns Manville Limited Warranty and Limitation of Remedy or for information on other Johns Manville thermal and acoustical insulation and systems, call or write to the 800 number or address listed below.

Properly insulating a structure using Johns Manville building insulation helps preserve our environment by reducing energy consumption for heating and cooling, reducing the pollution resulting from fuel burning, reducing the emission of hazardous air pollutants during manufacturing and reducing waste through the utilization of recycled materials.



**Johns Manville Canada Inc.**  
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