



Formaldehyde-free™ Fiber Glass Insulation

JM FORMALDEHYDE-FREE™ FIBER GLASS INSULATION

JM Formaldehyde-free™ fiber glass building insulation offers superior thermal and acoustical performance—and it improves indoor air quality, because it's made without formaldehyde. Why is that important? Because the U.S. Environmental Protection Agency (EPA) recommends limiting exposure to formaldehyde as much as possible, and the California Air Resources Board, a division of the California EPA, recommends that homeowners, builders and architects use building materials and insulation made without formaldehyde when building a home or remodeling. JM is the only company in the industry with a complete line of Formaldehyde-free™ fiber glass building insulation. Visit JM.com/formfree 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, either dry or with adhesive, for complete coverage and high R-value efficiency in any size or shape cavity. BIBS provides a custom fit for thermally and acoustically efficient insulation in walls, ceilings and floors. We have tested BIBS extensively and thoroughly train installers to ensure optimal performance. When installed to BIBS specifications, Climate Pro does not settle, retaining its original R-values.

APPLICATIONS

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

Note: In colder climate areas, vapor retarders are often placed toward the heated or conditioned side of the wall. This is done to reduce water vapor penetration into the wall from the building interior. Conversely, in predominantly hot, humid climates, the vapor retarder is often placed toward the outside of the wall cavity. Check your local building code for vapor retarder requirements.

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

ASTM C 764, Type I

CAN/ULC-S102.2 and ASTM E 84 Flame Spread 25 or less, Smoke Developed 50 or less

Climate Pro® Blow-In-Blanket® System

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



PERFORMANCE ADVANTAGES:

- Improves indoor air quality – because it's made without formaldehyde.
- Thermally Efficient – provides effective resistance to heat transfer with the highest R-value per inch achievable in sidewall application. 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.
- Acoustically Efficient – reduces transmission of sound through exterior and interior walls and floor/ceiling assemblies.
- Fire-resistant and Noncombustible – (see Building Code Compliance).
- Noncorrosive – does not accelerate corrosion of pipes, wiring or metal studs.
- Durable – will not rot, mildew or otherwise deteriorate. Unlike cellulose, Climate Pro will not hold moisture and will not permanently lose R-value.
- Quickly and Cleanly Applied – quickly insulates spaces of any size or shape without cutting or fitting, for minimal scrap.
- Capable of Complete Coverage – a seamless fit for highly customized walls and vaulted ceilings, with no gaps or voids. Ensures a snug fit around plumbing fixtures, ventilation and electrical systems.

Climate Pro® Blow-In-Blanket® System

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

Visit us at JM.com
Or call: 1-800-654-3103

BUILDING CODE COMPLIANCE AND FIRE HAZARD CLASSIFICATION

	IBC/IRC	ICBO	SBCCI	BOCA	Flame Spread*	Smoke Developed*
Climate Pro	All Types	All Types	All Types	All Types	25	50

*Per ASTM E 84 and CAN/ULC-S102.2

BIBS® COVERAGE CHART

Thermal Resistance To obtain insulation resistance of:	Cavity Depth Insulation thickness	Density of Insulation	Maximum Coverage Contents of the bag shall not cover more than:	Minimum Wt./Sq. Ft. Weight of installed insulation should not be less than:
R-value	inches	lb/ft ³	ft ²	lb/ft ²
38	9¼	2.3	14.4	1.77
30	7¼	2.3	18.4	1.39
23	5½	2.3	24.2	1.05
15	3½	2.3	38.0	.67
36	9¼	1.8	18.4	1.39
28	7¼	1.8	23.4	1.09
22	5½	1.8	30.9	.83
14	3½	1.8	48.6	.53

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 25.5-lb. average net weight per bag). Only contractors certified by Ark-Seal International, Inc. may install Climate Pro BIBS. You can be confident that the work done on your home by these contractors meets the highest standards.



Technical specifications as shown in this literature are intended to be used as general guidelines only. The physical and chemical properties of Climate Pro Blow-In-Blanket-System formaldehyde-free 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. Look for the cross and globe emblem on Johns Manville building insulation which indicates independent certification by Scientific Certification Systems, Inc. of 25% or more recycled glass content.



Distributed by:

Building Insulation Division

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