



### PRODUCT DATA SHEET

#### 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 Formaldehyde-free™ fiber glass building insulation. Visit [www.JM.com](http://www.JM.com) for more information.

#### PRODUCT DESCRIPTION

The Blow-In-Blanket System (BIBS®) is a patented process for installing JM Climate Pro A1000 loose-fill insulation. Climate Pro A1000 insulation 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 A1000 insulation does not settle, retaining its original R-value.

#### APPLICATIONS

Climate Pro A1000 BIBS is ideal for all wall cavities and the irregular and nonconforming areas around custom windows, arches and cathedral ceilings, and in floors.

#### INSTALLATION

Only certified BIBS contractors can install BIBS. 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. 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 A1000 INSULATION

ASTM C764, Type I

CAN/ULC-S102.2 and ASTM E84 Flame Spread 25 or less, Smoke Developed 50 or less



#### PERFORMANCE ADVANTAGES

**Improves Indoor Air Quality:** because it's made without formaldehyde.

**Thermal Efficiency:** provides superior resistance to heat transfer with R-values up to R-16 in a 2x4 cavity and R-24 in a 2x6 cavity.

**Sound Control:** reduces transmission of sound through exterior and interior walls.

**Fire Resistant and Noncombustible:** without the need for fire retardant chemicals. See Specification Compliance.

**Noncorrosive:** does not accelerate corrosion of pipes, wiring or metal studs.

**Resilient Inorganic Glass Fibers:** cannot rot, mildew, or otherwise deteriorate.

**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.



# Formaldehyde-Free™ Fiber Glass Insulation



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### BUILDING CODE COMPLIANCE AND FIRE HAZARD CLASSIFICATION

	IBC/IRC	ICBO	SBCCI	BOCA	FLAME SPREAD*	SMOKE DEVELOPED*
CLIMATE PRO A1000 INSULATION	ALL TYPES	ALL TYPES	ALL TYPES	ALL TYPES	25	50

\*Per ASTM E84 and CAN/ULC-S102.2

### BIBS® COVERAGE CHART

R-VALUE (HR-SQ.FT.-°F/BTU)	CAVITY DEPTH INSULATION THICKNESS (INCHES)	DENSITY (POUNDS PER CUBIC FOOT)	MAXIMUM COVERAGE PER BAG (SQ.FT./BAG)	MINIMUM WEIGHT PER UNIT AREA (POUNDS/SQ.FT.)
15	3.50	1.5	75.4	0.44
23	5.50	1.5	48.0	0.69
30	7.25	1.5	36.4	0.91
38	9.25	1.5	28.5	1.16
16	3.50	2.0	56.6	0.58
24	5.50	2.0	36.0	0.92
31	7.25	2.0	27.3	1.21
39	9.25	2.0	21.4	1.54

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. Only contractors certified by Ark-Seal International, Inc. may install Climate Pro A1000 BIBS. You can be confident that the work done on your home by these contractors meets the highest standards.



Visit our website at [www.JM.com](http://www.JM.com) or call **1-800-654-3103** | **Building Insulation Division** P.O. Box 5108 | Denver, CO 80217-5108

Technical specifications as shown in this literature are intended to be used as general guidelines only. The physical and chemical properties of Climate Pro® A1000 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 the 800 number or write to the address listed below.

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