

## COMPANY

Johns Manville, a Berkshire Hathaway company, was founded in 1858. Our ownership by Berkshire Hathaway, one of the most admired companies in the world and one of the most financially secure, allows JM to invest for the future. This enables JM to continue delivering the broadest range of insulation products in the industry and offering innovative solutions that meet your needs.

## 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.

## USE

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 INSULATION

ASTM C764, Type I

Surface Burning Characteristics (ASTM E84 and CAN/ULC S102.2)

- Flame Spread 25 or less
- Smoke Developed 50 or less:

Critical Radiant Flux (ASTM E970): Greater than 0.12 W/cm<sup>2</sup> (0.11 Btu/ft<sup>2</sup>•s)

Combustible Characteristics (ASTM E136): Pass

Water Vapor Sorption (ASTM C1104): 5% or less by weight

Odor Emission (ASTM C1304): Pass

Corrosiveness (ASTM C764): Pass

Fungi Resistance (ASTM C1338): Pass

VOC Emissions (ES Section 01350): Pass



## PERFORMANCE ADVANTAGES

**Formaldehyde-free:** will not off-gas formaldehyde in the indoor environment.

**Thermally Efficient:** 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:** 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.

## BUILDING CODE COMPLIANCE AND FIRE HAZARD CLASSIFICATION

	ICBO	SBCCI	BOCA	IBC/IRC	Flame Spread*	Smoke Developed*
CLIMATE PRO A1000 INSULATION	ALL TYPES	ALL TYPES	ALL TYPES	ALL TYPES/ ALL TYPES	25	50

\*Meets FHC 25/50 specification per ASTM E84 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 should not cover more than:	MINIMUM WEIGHT Weight per square foot should not be less than:
R-VALUE	INCHES	LB/FT <sup>3</sup>	FT <sup>2</sup>	LB/FT <sup>2</sup>
39	9¼	2.0	20.4	1.54
31	7¼	2.0	26.1	1.21
24	5½	2.0	34.4	0.92
16	3½	2.0	54.0	0.58
38	9¼	1.5	27.2	1.16
30	7¼	1.5	34.8	0.91
23	5½	1.5	45.8	0.69
15	3½	1.5	72.0	0.44

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 Service Partners may install Climate Pro BIBS. You can be confident that the work done on your home by these contractors meets the highest standards.