

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

Johns Manville Formaldehyde-free™ Climate Pro blow-in loose-fill fibreglass insulation is a premium alternative to cellulose. It's blown into attics, nonconforming spaces and hard-to-reach areas, like corners, edges and around framing. When it's applied to the recommended thickness and specifications, it improves energy efficiency. And unlike cellulose, it won't settle, decay or provide food for animals or microbes. It's effective for the life of the home.

USE

- **Attics** – can be installed up to a R-80 over ½" (13 mm) ceiling drywall without exceeding ceiling weight limits.
- **Nonconforming spaces** – insulation sprays out of the hose several feet, filling in large areas and small gaps quickly and completely.
- **Wall cavities** – can be installed in walls.

INSTALLATION

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

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

- CAN/ULC-S702-14 AMD1 Type 5
- CAN/ULC-S102.2: Flame Spread 0 or less, Smoke Developed 5 or less
- CAN/ULC S-114 - Pass
- ULC-S129-95, Smoulder Resistance – Pass
- See CCMC Evaluation Report 12642-L

IMPORTANT DETAILS

- Improved fiberization technology will enable Johns Manville to see improved thermal performance of our Canadian blowing wool products; Climate Pro® and Attic Protector®.
- These improvements result in a 4.3% increase at R-40 in coverage per pound of material in attic applications compared to previous B-7010 blowing wool.



PERFORMANCE ADVANTAGES

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

Thermally Efficient: provides effective resistance to heat transfer.

Sound Control: reduces transmission of sound through exterior and interior walls, and floor and ceiling assemblies for superior sound control.

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.

Easy to Install: quickly insulates attics or spaces of any size or shape without cutting or fitting.

Complete coverage: effective in tight spaces, areas with large amounts of cross-bridging or areas with small gaps and voids.

ENERGY AND ENVIRONMENT



CLIMATE PRO ATTIC COVERAGE CHART

| THERMAL RESISTANCE To obtain insulation resistance of: | | BAGS PER UNIT AREA Number of bags per net area should not be less than: | | MINIMUM THICKNESS Installed insulation shall not be less than: | | MAXIMUM COVERAGE Contents of the bag shall not cover more than: | | MINIMUM WEIGHT Weight should not be less than: | |
|--|---------|---|----------------------|--|--------|---|-----------------|--|--------------------|
| RSI VALUE | R-VALUE | 100 m ² | 1000 ft ² | mm | INCHES | m ² | ft ² | kg/m ² | lb/ft ² |
| 2.1 | 12 | 5.8 | 5.4 | 114 | 4.5 | 17.1 | 184.2 | 0.83 | 0.17 |
| 2.8 | 16 | 7.9 | 7.3 | 150 | 5.9 | 12.7 | 136.6 | 1.13 | 0.23 |
| 3.5 | 20 | 9.8 | 9.1 | 183 | 7.2 | 10.2 | 110.0 | 1.40 | 0.29 |
| 4.2 | 24 | 11.9 | 11.1 | 218 | 8.6 | 8.4 | 90.4 | 1.70 | 0.35 |
| 4.9 | 28 | 13.9 | 13.0 | 251 | 9.9 | 7.2 | 77.2 | 1.99 | 0.41 |
| 5.6 | 32 | 16.0 | 14.9 | 284 | 11.2 | 6.2 | 67.1 | 2.29 | 0.47 |
| 6.3 | 36 | 18.2 | 16.9 | 318 | 12.5 | 5.5 | 59.1 | 2.60 | 0.53 |
| 7.0 | 40 | 20.2 | 18.8 | 348 | 13.7 | 4.9 | 53.2 | 2.89 | 0.59 |
| 7.7 | 44 | 22.5 | 20.9 | 381 | 15.0 | 4.4 | 47.8 | 3.22 | 0.66 |
| 8.4 | 48 | 24.7 | 22.9 | 411 | 16.2 | 4.1 | 43.6 | 3.53 | 0.72 |
| 8.8 | 50 | 25.8 | 23.9 | 427 | 16.8 | 3.9 | 41.8 | 3.68 | 0.75 |
| 9.1 | 52 | 26.9 | 25.0 | 442 | 17.4 | 3.7 | 40.0 | 3.84 | 0.79 |
| 9.8 | 56 | 29.1 | 27.1 | 472 | 18.6 | 3.4 | 36.9 | 4.16 | 0.85 |
| 10.5 | 60 | 31.5 | 29.2 | 503 | 19.8 | 3.2 | 34.2 | 4.50 | 0.92 |
| 11.3 | 64 | 33.6 | 31.2 | 531 | 20.9 | 3.0 | 32.0 | 4.80 | 0.98 |
| 12.0 | 68 | 36.0 | 33.5 | 561 | 22.1 | 2.8 | 29.9 | 5.15 | 1.05 |
| 12.3 | 70 | 37.1 | 34.4 | 574 | 22.6 | 2.7 | 29.0 | 5.30 | 1.08 |
| 12.7 | 72 | 38.3 | 35.6 | 589 | 23.2 | 2.6 | 28.1 | 5.47 | 1.12 |
| 13.4 | 76 | 40.6 | 37.7 | 617 | 24.3 | 2.5 | 26.5 | 5.80 | 1.19 |
| 14.1 | 80 | 43.0 | 39.9 | 645 | 25.4 | 2.3 | 25.1 | 6.14 | 1.26 |

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.

CLIMATE PRO CAVITY WALL (SIDEWALL) COVERAGE CHART

| THERMAL RESISTANCE To obtain insulation resistance of: | | BAGS PER UNIT AREA Number of bags per 100m ² /1000ft ² should not be less than: | | MINIMUM THICKNESS Installed insulation shall not be less than: | | MAXIMUM COVERAGE Contents of the bag shall not cover more than: | | MINIMUM WEIGHT Weight should not be less than: | |
|--|---------|--|----------------------|--|--------|---|-----------------|--|--------------------|
| RSI VALUE | R-VALUE | 100 m ² | 1000 ft ² | mm | INCHES | m ² | ft ² | kg/m ² | lb/ft ² |
| 2.7 | 15 | 14.9 | 13.9 | 89 | 3.5 | 6.7 | 72.0 | 2.14 | 0.44 |
| 4.2 | 24 | 23.5 | 21.8 | 140 | 5.5 | 4.3 | 45.8 | 3.36 | 0.69 |
| 5.6 | 32 | 31.0 | 28.8 | 184 | 7.25 | 3.2 | 34.8 | 4.42 | 0.91 |
| 7.1 | 40 | 39.5 | 36.7 | 235 | 9.25 | 2.5 | 27.2 | 5.65 | 1.16 |
| 2.8 | 16 | 19.9 | 18.5 | 89 | 3.5 | 5.0 | 54.0 | 2.85 | 0.58 |
| 4.3 | 25 | 31.3 | 29.1 | 140 | 5.5 | 3.2 | 34.4 | 4.48 | 0.92 |
| 5.7 | 32 | 41.3 | 38.4 | 184 | 7.25 | 2.4 | 26.1 | 5.90 | 1.21 |
| 7.3 | 41 | 52.7 | 48.9 | 235 | 9.25 | 1.9 | 20.4 | 7.53 | 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 (based on 14.3 kg / 31.5 lb. average net weight per bag). Only contractors certified by BIBCA may install Climate Pro Cavity Wall (Sidewall). You can be confident that the work done on your home by these contractors meets the highest standards.



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.



Visit our website at www.JM.com or call **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. Please refer to the Safety Data Sheet and product label prior to using this product. The physical and chemical properties of Climate Pro 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 standard Terms and Conditions, which includes a Limited Warranty and Limitation of Remedy. For a copy of the Johns Manville standard Terms and Conditions or for information on other Johns Manville insulation and systems, visit www.jm.com/terms-conditions or call 800-654-3103.**