Attic Protector® B7009

CANADIAN FORMALDEHYDE-FREE BLOWING WOOL FIBREGLASS INSULATION

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.

JM FORMALDEHYDE-FREE™ FIBREGLASS INSULATION

JM Formaldehyde-free™ fibreglass building insulation offers the thermal and acoustical performance you expect from fibreglass—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 the only complete line of certified Formaldehyde-free™ fibreglass building insulation. Visit jm.com for more information.

DESCRIPTION

Johns Manville Attic Protector blow-in loose-fill fibreglass insulation is a premium alternative to cellulose. It's blown in to attics, nonconforming spaces and hard-to-reach areas, like corners, edges and around framing. When it's applied to the recommended thickness and specifications, you can be assured that your home is energy efficient, with minimal heat loss. And unlike cellulose, it won't settle, decay or provide food for animals or microbes. It's effective for the life of your home.

USE

- **Attics** – Can be installed up to R-70 (RSI-12.3) over ½" ceiling drywall without exceeding ceiling weight limits.
- **Nonconforming spaces** – Insulation projects out of the hose several feet, filling in large areas and small gaps quickly and completely.

INSTALLATION

Equipment for Attic Protector insulation installation is engineered for professional use. Contact your local JM sales representative or distributor 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

CAN/ULC-S702-09, Type 5
CAN/ULC-S102.2: Flame Spread 25 or less, Smoke Developed 50 or less
ASTM E136, Combustible Characteristics - Pass
ULC-S129-95, Smoulder Resistance-Pass
See CCMC Evaluation Report 12642-L

RECOMMENDED R-VALUES

The insulation levels are recommended for comfort and energy savings, and to generally comply with the National Energy Code and provincial codes. Other insulation combinations may be required for some building designs. Consult local or provincial building code officials for requirements in your area.

PERFORMANCE ADVANTAGES

- Improves indoor air quality – because it's made without formaldehyde
- Thermal efficiency – provides effective resistance to heat transfer. Unlike cellulose products, Attic Protector insulation does not settle, for no loss of R-value (RSI) after installation.
- Sound control – reduces transmission of sound through attics and floor/ceiling assemblies.
- 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, Attic Protector insulation will not hold moisture and will not suffer permanent loss of R-value (RSI).
- Fast, clean applications – quickly insulates attics or spaces of any size or shape without cutting or fitting, for minimal scrap and low dust levels.
- Complete coverage – effective in tight spaces, areas with large amounts of cross-bridging and areas with small nooks and crannies.
- Recycled content – made with at least 60 percent post-consumer recycled bottle glass.

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A Berkshire Hathaway Company

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ATTIC COVERAGE CHART

THERMAL RESISTANCE To obtain insulation resistance of:		BAGS PER UNIT AREA Number of bags per 100m²/1000ft² net area should not be less than:		MINIMUM THICKNESS Installed insulaiton 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 m²**	**1000 ft²**	**mm**	**INCHES**	**m²**	**ft²**	**kg/m²**	**lb/ft²**
2.1	12	7.4	6.9	109	4.3	13.5	145.3	0.90	0.19
2.8	16	9.9	9.2	145	5.7	10.1	109.0	1.21	0.25
3.5	20	12.3	11.5	181	7.1	8.1	87.2	1.51	0.31
4.2	24	14.8	13.8	217	8.5	6.7	72.6	1.81	0.37
4.9	28	17.3	16.1	253	10.0	5.8	62.3	2.11	0.43
5.6	32	19.8	18.4	289	11.4	5.1	54.5	2.41	0.49
6.3	36	22.2	20.6	326	12.8	4.5	48.4	2.71	0.56
7.0	40	24.7	22.9	362	14.2	4.0	43.6	3.01	0.62
7.7	44	27.2	25.2	398	15.7	3.7	39.6	3.31	0.68
8.4	48	29.6	27.5	434	17.1	3.4	36.3	3.62	0.74
8.8	50	30.9	28.7	452	17.8	3.2	34.9	3.77	0.77
9.1	52	32.1	29.8	470	18.5	3.1	33.5	3.92	0.80
9.8	56	34.6	32.1	506	19.9	2.9	31.1	4.22	0.86
10.5	60	37.0	34.4	543	21.4	2.7	29.1	4.52	0.93

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

CAUTION: Maintain building, electrical, gas and oil safety code required clearances between the insulation and heat-emitting devices, such as fuel-burning appliances, chimneys, pipes, ducts and vents to these appliances (at least 50 mm [2 in.]) and recessed light fixtures (at least 75 mm [3 in.]).

Zone	Attic/Ceiling	
	RSI	**R-value**
1	7.0	40
2	8.8	50
3	10.5	60

Certified Climate Protection

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

Visit our website at **www.JM.com** or call **800-654-3103** | **Building Insulation Division** 5301 42 Ave., Innisfail, AB T4G 1A2

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