



Smart Ideas. Better Insulation.

Attic Protector®

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

FORMALDEHYDE-FREE

Attic Protector has always been formaldehyde-free, but Johns Manville has revolutionized the building insulation industry by introducing formaldehyde-free fiber glass insulation across our entire line of building insulation products. JM Formaldehyde-free insulation provides the same high-quality thermal and acoustical properties as conventional JM fiber glass – just without the formaldehyde-based binder. Why? Because it's a smart thing to do for our customers and the environment. No formaldehyde means fewer things to worry about. Visit us at www.jm.com for more information.

PRODUCT DESCRIPTION

Johns Manville Attic Protector blow-in fiber glass insulation is a premium alternative to cellulose. It's blown in to cover attics and hard-to-reach areas within attics, 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.

APPLICATIONS

- Attics – can be installed up to R-70 over 1/2" ceiling drywall without exceeding ceiling weight limits.

INSTALLATION

Attic Protector makes it easy to insulate an attic of any size or shape without any cutting or fitting. It's installed with a blowing machine and flexible hose that makes it easy to insulate hard-to-reach areas in an attic. Large areas and small gaps can be filled quickly and completely.

PACKAGING

Attic Protector is compression-packaged for savings in storage and freight costs.

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

ASTM C 764, Type I
ASTM E 84 Flame Spread 25 or less, Smoke Developed 50 or less
ASTM E 136 Noncombustible
ASTM C 764 Noncorrosive

LIMITATIONS OF USE

Check applicable building codes.



PERFORMANCE ADVANTAGES

- Formaldehyde-free – will not off-gas formaldehyde in the indoor environment.
- Thermal Efficiency – provides effective resistance to heat transfer over a range of R-values.
- Sound Control – reduces transmission of sound through 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.
- Flexible – forms readily around corners and curved surfaces.

BUILDING CODE COMPLIANCE AND FIRE HAZARD CLASSIFICATION

	IBC/IRC	ICBO	SBCCI	BOCA	Flame Spread*	Smoke Developed*
Attic Protector	All types	All Types	All Types	All Types	25	50

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

ATTIC COVERAGE CHART*

Thermal Resistance To obtain insulation resistance of:	Minimum Thickness Installed insulation shall not be less than:	Bags per 1000 sq. ft.** Number of bags per 1000 sq. ft. of net area should not be less than:	Maximum Coverage*** Contents of the bag shall not cover more than:	Minimum Weight Weight per sq. ft. should not be less than:
R-value	inches	bags	ft ² /bag	lb/ft ²
R-11	5.5"	5.8	170.9	.158
R-19	8.8"	10.0	100.3	.269
R-22	10.0"	11.7	85.5	.316
R-26	11.5"	13.8	72.2	.374
R-30	13.0"	16.1	62.1	.435
R-38	16.0"	21.0	47.7	.566
R-44	18.0"	24.4	40.9	.659
R-50	20.0"	28.1	35.6	.758
R-60	23.5"	34.9	28.6	.943

*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 27 lb. average net weight per bag).

**Nominal net bag weight 27 lb. bag (minimum net weight of insulation in this package is 24 lbs.).

***Coverage without framing.



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.

Technical specifications as shown in this literature are intended to be used as general guidelines only. The physical and chemical properties of Attic Protector 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.



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