



Formaldehyde-free™ Fiber Glass Insulation

Attic Protector®

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

JM CERTIFIED 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 the only complete line of certified Formaldehyde-free™ fiber glass building insulation. Visit specJM.com or JMhomeowner.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, such as 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 appreciably 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 ½" ceiling drywall without exceeding ceiling weight limits.

INSTALLATION

Attic Protector fiber glass 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 make 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 insulation 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 C764, Type I, standard specification for mineral fiber loose-fill thermal insulation
ASTM E84 Flame Spread 25 or less, Smoke Developed 50 or less
ASTM E136 Noncombustible
ASTM C764 Noncorrosive

LIMITATIONS OF USE

Check applicable building codes.



PERFORMANCE ADVANTAGES

- Improves indoor air quality – because it's made without formaldehyde.
- 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 – unlike cellulose, does not contain added fire-retardant chemicals. See Specification Compliance.
- Noncorrosive – does not accelerate corrosion of pipes, wiring or metal studs.
- Durable – will not rot, mildew or otherwise deteriorate. Unlike cellulose, JM Attic Protector insulation will not hold moisture and will not suffer permanent loss of R-value.
- Fast, clean applications – quickly insulates spaces of any size or shape without cutting or fitting. Installs with minimal dust.
- Complete coverage – effective in tight spaces, areas with large amounts of cross-bridging and areas with small gaps and voids.

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Visit us at JMHomeowner.com

Or call: (800) 654-3103

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 E84 and CAN/ULC-S102.2.

ATTIC PROTECTOR CHART*

R-value	Minimum Installed Thickness	Settled Thickness	Bags Per 1000 Sq. Ft.	Maximum Net Coverage* in Sq. Ft.	Maximum Wt. in Lbs. per Sq. Ft.
To obtain an insulation resistance (R) of:	Installed insulation should not be less than:	Expected thickness after long-term settling:	The number of bags per 1000 sq. ft. should not be less than:	Contents of this bag should not cover more than:	The weight per sq. ft. of installed insulation should not be less than:
R-11	5.2"	5.1"	5.4	186	0.135
R-13	6.1"	6.0"	6.4	155	0.161
R-19	8.7"	8.5"	9.7	103	0.242
R-22	9.9"	9.8"	11.4	88	0.285
R-26	11.5"	11.4"	13.7	73	0.343
R-30	13.1"	13.0"	16.1	62	0.402
R-38	16.2"	16.1"	21.1	47	0.527
R-44	18.5"	18.3"	25.0	40	0.625
R-49	20.3"	20.2"	28.4	35	0.710
R-60	24.3"	24.1"	36.2	28	0.904

*Coverage without framing.

*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 25 lb. average net weight per bag).



PLUS FORMALDEHYDE FREE
SCIENTIFIC CERTIFICATION SYSTEMS
SCS-IAQ-02107



5% Pre-consumer
20% Post-consumer
SCIENTIFIC CERTIFICATION SYSTEMS
SCS-MC-01073

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

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.



Johns Manville Insulation Systems

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