



PEBS Blanket™

Economical Fiber Glass Insulating Blanket for General Building Systems Applications



FORMALDEHYDE-FREE

Johns Manville has revolutionized the building insulation industry by introducing an entire line of formaldehyde-free fiber glass building insulation. 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. Formaldehyde has traditionally been used as part of the binder in fiber glass insulation. Although there is no health risk with the traditional product, formaldehyde at higher levels may cause irritation and sensitivity. JM Formaldehyde-free building insulation utilizes an innovative new acrylic binder that eliminates binder-related formaldehyde emissions during manufacturing and, once installed, will not off-gas formaldehyde in the indoor environment. No formaldehyde means fewer things to worry about. Visit us at www.jm.com for more information.

PRODUCT DESCRIPTION

PEBS Filler Blanket is a general purpose formaldehyde-free fiber glass insulation for use in both roofs and walls of pre-engineered metal buildings. As a resilient, unfaced insulating material, it provides the most economical thermal performance per R-value.

AVAILABLE FORMS

- Pre-cut blanket

APPLICATIONS

New Construction

- Pre-engineered metal buildings – roofs and walls

INSTALLATION

PEBS Filler Blanket can be used as a filler material in a variety of insulating applications, providing economical thermal performance in both new and retrofit applications. This product is not designed for lamination.

JM insulation cuts easily with an ordinary utility knife, and friction fits by simply pressing in place between studs or joists in standard pre-engineered metal framing.

Note: In colder climate areas, vapour retarders (whether attached to the insulation or applied separately) are often placed toward the heated or conditioned side of the wall. This is done to reduce water vapour penetration into the wall from the building interior. Conversely, in predominantly hot, humid climates local practices often call for placing the vapour retarder toward the outside of the wall cavity. Check your local building codes for vapour retarder requirements.

PACKAGING

JM insulation is compression-packaged for savings in storage and freight costs.

SPECIFICATION COMPLIANCE

CAN/ULC-S702 Type 1

CAN/ULC-S102; Flame Spread 25 or less, Smoke Developed 50 or less

PERFORMANCE ADVANTAGES

- Formaldehyde-free – will not off-gas formaldehyde in the indoor environment.
- Thermal Efficiency – provides effective resistance to heat transfer with R-values up to R-20 (RSI-3.6).
- Sound Control – reduces transmission of sound through exterior and interior walls and floor/ceiling assemblies.
- Fire-resistant and Non-combustible – (see Specification Compliance).
- Non-corrosive – does not accelerate corrosion of pipes, wiring or metal studs.
- Durable – unaffected by moisture, oil, grease and most acids. It will not rot, mildew or otherwise deteriorate.
- Resilient – bonded glass fibers will not pull apart during normal applications and resist settling, breakdown and sagging from vibration.
- Flexible – forms readily around corners and curved surfaces.

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Visit our website at www.jm.com
Or call: 1-800-654-3103

TECHNICAL INFORMATION

R-value (Nominal) m ² ·K/W (hr·ft ² ·°F)/Btu		Reference Thickness		Blanket Width		Roll Length	
(RSI)	(R-Value)	(mm)	(in)	(m)	(in)	(m)	(ft)
1.1	R-6.5	51	2	1.22	48	39.6	130
1.4	R-8	64	2.5	1.22	48	31.7	104
1.8	R-10	76	3	1.22	48	27.4	90
2.1	R-12	89	3.5	1.22	48	24.4	80
2.3	R-13	102	4	1.22	48	20.7	68
2.9	R-16.5	127	5	1.22	48	16.8	55
3.6	R-20	152	6	1.22	48	14.0	46

SHORT FORM SPECIFICATION

All PEBS Filler Blanket insulation specified will consist of R-_____ manufactured by Johns Manville Canada, Inc., Innisfail, Alberta. It shall be non-combustible in accordance with CAN 4-S114 and smoulder-resistant in accordance with CAN/ULC-S129, and contain 50% recycled glass.

LIMITATIONS OF USE

Check applicable building codes.



Contains 50%
Recycled Bottle Glass

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.

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



Distributed by:

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