

# PEBS BLANKET™

## Fiber Glass Insulating Blanket for General Building Systems Applications



At Johns Manville, we are committed to helping you create more comfortable, healthier and energy efficient indoor environments. That's why we revolutionized the building insulation industry by pioneering the development of Formaldehyde-free™ fiber glass building insulation over a decade ago. JM Formaldehyde-free insulation provides excellent thermal and acoustical performance and now utilizes an innovative bio-based binder, made mostly with rapidly renewable plant-based materials, that offers improved handling, easier cutting and less dust than our previous product. Because here at JM, we believe that in every detail, materials matter.

### 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 economical thermal performance.

### 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.

### PACKAGING

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

### 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-30 (RSI-5.3).

**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** – 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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### TECHNICAL INFORMATION

R-value (hr•ft <sup>2</sup> •°F/Btu)	RSI-value (m <sup>2</sup> •°K/Watts)	Reference Thickness		Blanket Width		Roll Length	
		(mm)	(in)	(m)	(in)	(m)	(ft)
6.5	1.1	51	2	1.22	48	39.6	130
8	1.4	64	2.5	1.22	48	31.7	104
10	1.8	76	3	1.22	48	27.4	90
12	2.1	89	3.5	1.22	48	24.4	80
13	2.3	102	4	1.22	48	20.7	68
16.5	2.9	127	5	1.22	48	16.8	56
20	3.6	152	6	1.22	48	14.0	46
27	4.8	203	8	1.22	48	10.4	34
30	5.3	229	9	1.22	48	9.1	30

### SPECIFICATION COMPLIANCE AND FIRE SAFETY

CAN/ULC-S702, Type 1; CAN/ULC-S102, flame spread 25 or less, smoke developed 50 or less.

### 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 ULC-S129, and contain 50% recycled glass.

### LIMITATIONS OF USE

Check applicable building codes.

Visit our website at [specJM.com/canada](http://specJM.com/canada) or call **1-800-661-9553**.



**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, visit the website or call the 800 number above.

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