



Johns Manville

PEBS Blanket™

Formaldehyde-free™ Fiber Glass Insulating Blanket for Pre-Engineered Metal Buildings

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. A resilient, unfaced insulating material, it provides 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, vapor 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 vapor penetration into the wall from the building interior. Conversely, in predominantly hot, humid climates local practices often call for placing the vapor retarder toward the outside of the wall cavity. Check your local building codes for vapor retarder requirements.

Packaging

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

Specification Compliance

ASTM C 991, Type I

ASTM E 136

ASTM E 84 Flame Spread Classification of 25/50 or less flame spread/smoke developed



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Formaldehyde-free™ Fiber Glass Insulating
Blanket for Pre-Engineered Metal Buildings

Building Code Compliance and Fire Hazard Classification*

	ICBO	SBCCI	BOCA	Flame Spread	Smoke Developed
PEBS Blanket	All Types	All Types	All Types	25	50

*Per ASTM E 84.

Available Forms*

Specification Compliance	R-Value (hr•ft ² •°F/Btu)	RSI-Value (m ² •°K/Watts)	Thickness**		Width		Roll Length	
			(in)	(mm)	(in)	(mm)	(ft)	(m)
ASTM C 991	30	5.29	9	229	48, 60	1219, 1524	35	10.7
PEBS Blanket	25	4.41	8	203	48, 60	1219, 1524	40	12.2
Type I	19	3.35	6	152	60, 72	1524, 1829	50	15.2

* Consult your local sales representative or product availability chart for other available sizes and R-values (RSI-values).

** Thickness may vary by producing locations.

Short Form Specification

All insulation shown on drawings or specified herein shall be “PEBS Blanket Formaldehyde-free™ Fiber Glass Insulation” as manufactured by Johns Manville. Thermal Resistance “R” (RSI) values of the insulation shall be R (RSI) _____ in ceilings, R (RSI) _____ in walls, and R (RSI) _____ in floors over unheated spaces. The product shall have an FHC rating of 25/50 or less.

Limitations of Use

Check applicable building codes.



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Insulation Systems

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The physical and chemical properties of PEBS Blanket™ 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. Numerical flame spread and smoke developed ratings are not intended to reflect hazards presented by this or any other materials under actual fire conditions. Check with the Regional Sales Office nearest you to assure 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, and information on other Johns Manville thermal insulations and systems, call 1-800-654-3103.**

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