PEBS Blanket™

FORMALDEHYDE-FREE™ FIBERGLASS INSULATING BLANKET FOR PRE-ENGINEERED METAL BUILDINGS

COMPANY

Johns Manville, a Berkshire Hathaway company, was founded in 1858. Our ownership by Berkshire Hathaway, one of the most admired companies in the world and one of the most financially secure, allows JM to invest for the future. This enables JM to continue delivering the broadest range of insulation products in the industry and offering innovative solutions that meet your needs.

DESCRIPTION

PEBS Blanket™ is a general purpose Formaldehyde-free™ fiberglass insulation bonded with a thermosetting resin for use in both roofs and walls of pre-engineered metal buildings. A resilient, unfaced insulating material, it provides economical thermal performance.

USE

New Construction and Retrofit: pre-engineered metal buildings – roof and walls

INSTALLATION

PEBS blanket is typically installed between or over the purlins and girts for new construction as well as retrofit applications. An unfaced layer of insulation is typically used for double layer liner systems where a vapor retarder is not required.

Refer to JM guide specifications for further design considerations and required installation instructions.

PACKAGING

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

DESIGN CONSIDERATIONS

PEBS Blanket is an unfaced thermal and acoustical fiberglass blanket used in various metal building insulation systems. PEBS blanket is not intended for lamination and typically used as an unfaced building insulation for roof and walls for metal buildings. The double layer poly packaging protects the material while on the job site. PEBS Blanket is available in R-10, 13, 19, 25 and 30.

LIMITATIONS OF USE

Check applicable building codes.

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.

Actual color of product may be lighter than image.
Product image typical of material produced in the USA.

PERFORMANCE ADVANTAGES

Formaldehyde-free: will not off-gas formaldehyde in the indoor environment.

Thermally Efficient: 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 or ceiling assemblies.

Fire Resistant and Noncombustible: see Physical Properties.

Durable Inorganic Glass: will not rot, mildew or deteriorate and is noncorrosive to pipes, wiring and metal studs.

Superior Performance: bonded glass fibers are dimensionally stable and will not slump within the wall cavity, settle or break down during normal applications.

ENERGY AND ENVIRONMENT

*GREENGUARD certification is not intended for residential environments. Instead, the certification is intended only for buildings meeting ASHRAE 62.1-2007 commercial building ventilation rates. This certification is proof that the product meets the GREENGUARD Environmental Institute's indoor air quality standards and product emission standards for VOCs.

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A Berkshire Hathaway Company

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APPLICABLE STANDARDS & BUILDING CODE CLASSIFICATION

PEBS BLANKET
ASTM C991, TYPE 1
International Building Code (IBC), All Types

STANDARD SIZES*

SPECIFICATION COMPLIANCE	R-VALUE		THICKNESS		ROLL SIZE					
	hr•ft²•°F/Btu	(m²•K/W)	in	(mm)	WIDTH in (mm)					LENGTH ft (m)
ASTM C991 PEBS Blanket Type 1	30	(5.29)	9	(229)	48 (1219)	60 (1524)	72 (1829)	89.5 (2273)		35 (10.7)
	25	(4.40)	8	(203)	48 (1219)	60 (1524)	72 (1829)		96 (2438)	40 (12.2)
	19	(3.35)	6	(152)		60 (1524)	72 (1829)	86.5 (2198)	92.5 (2350)	40 (12.2) 50 (15.2)
	13	(2.29)	4.4	(112)			72 (1829)			75 (22.9)
	10	(1.76)	3	(76)			72 (1829)			100 (30.5)

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

PHYSICAL PROPERTIES**

PRODUCTION	FLAME SPREAD	SMOKE DEVELOPED
Unfaced	<25	<50

** ***Products are tested in accordance:*** R-value ASTM C518
Surface Burning Characteristics ASTM E84

Johns Manville

Visit our website at **www.JM.com** or call **800-654-3103** | **Building Insulation Division** P.O. Box 5108 | Denver, CO 80217-5108

Technical specifications as shown in this literature are intended to be used as general guidelines only. Please refer to the Safety Data Sheet and product label prior to using this product. The physical and chemical properties of thermal and acoustical fiberglass 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 standard Terms and Conditions, which includes a Limited Warranty and Limitation of Remedy. For a copy of the Johns Manville standard Terms and Conditions or for information on other Johns Manville insulation and systems, visit www.jm.com/terms-conditions or call 800-654-3103.**

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