

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

UMBI is a high-quality, highly resilient, Formaldehyde-free™ fibreglass blanket insulation designed for lamination to a wide choice of custom vapour-retarding facings. Laminated UMBI offers excellent insulating value along with a vapour retarder, noise reduction and an attractive appearance. Available as a pre-cut blanket.

USE

Metal frame construction - roof and wall applications in both new and existing metal buildings

INSTALLATION

UMBI is a very versatile insulation. It can be faced with a variety of vapour retarders, or used unfaced as a filler blanket. Its versatility allows the building systems industry to utilize UMBI for a broad range of roof and wall applications. Faced UMBI is laid over purlins or girts before attaching exterior roof or wall panels. JM insulation cuts easily with an ordinary utility knife and installs by simply pressing in place between pre-engineered metal framing.

PACKAGING

JM 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.

LIMITATIONS OF USE

Check applicable building codes.



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 5.28).

Sound Control: reduces transmission of sound through exterior and interior walls and floor or ceiling assemblies.

Fire Resistant and Noncombustible: (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 fibres will not pull apart during normal applications and resist settling, breakdown and sagging from vibration.

Flexible: forms readily around corners and curved surfaces.

ENERGY AND ENVIRONMENT



Contains 46% 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.



APPLICABLE STANDARDS & BUILDING CODE CLASSIFICATION

UMBI INSULATION

Standard for Mineral Fibre Thermal Insulation for Buildings: CAN/ULC-S702-14

Surface Burning Characteristics, Flame Spread 25 or less, Smoke Developed 50 or less: CAN/ULC-S102

Smoulder Resistance: ULC-S129

Noncombustible: CAN/ULC-S114:2018

STANDARD SIZES*

RSI-VALUE (Pre-Lamination)	R-VALUE (Pre-Lamination)	THICKNESS (Pre-Lamination)		RSI-VALUE (Post-Lamination)	R-VALUE (Post-Lamination)	THICKNESS (Post-Lamination)		ROLL WIDTH		ROLL LENGTH	
(m ² •°C/Watts)	(hr•ft²•°F/Btu)	(mm)	(in)	(m ² •°C/Watts)	(hr•ft²•°F/Btu)	(mm)	(in)	(m)	(in)	(m)	(ft)
1.5	8.6	66	2.6	1.2	7	48	1.9	1.22	48	33.5	110
2.1	12	91	3.6	1.8	10	70	2.75	1.22	48	24.4	80
2.8	15.9	119	4.7	2.5	14	99	3.9	1.22	48	17.1	56
3.9	22.2	165	6.5	3.5	20	142	5.6	1.22	48	12.2	40
5.2	29.5	216	8.5	4.7	27	198	7.8	1.22	48	12.2	40
5.7	32.5	241	9.5	5.2	30	223	8.8	1.22	48	9.1	30

^{*} Consult your local sales representative for other available sizes and R-values (RSI-values).





Visit our website at www.JM.com or call 800-654-3103 | Building Insulation Division 5301 42 Ave., Innisfail, AB T4G 1A2

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 fibreglass 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 www2.jm.com/terms-conditions or call 800-654-3103.