

PRODUCT DATA SHEET

COMPANY

Johns Manville is committed to creating more comfortable, healthier and energy-efficient indoor environments. At JM, we believe that in every detail, materials matter.

DESCRIPTION

JM mineral wool batts are made of inorganic fibers derived from basalt, a volcanic rock, and are enhanced with glass fibers. Advanced manufacturing technology ensures consistent product quality, with high-fiber density and low shot content for excellent performance. JM mineral wool batts are inorganic, noncombustible, moisture resistant, non-deteriorating, and will not mildew or support corrosion.

USE

JM TempControl™ batts are designed to deliver thermal control in wood-stud cavities of exterior walls, basements, and heated crawl spaces.

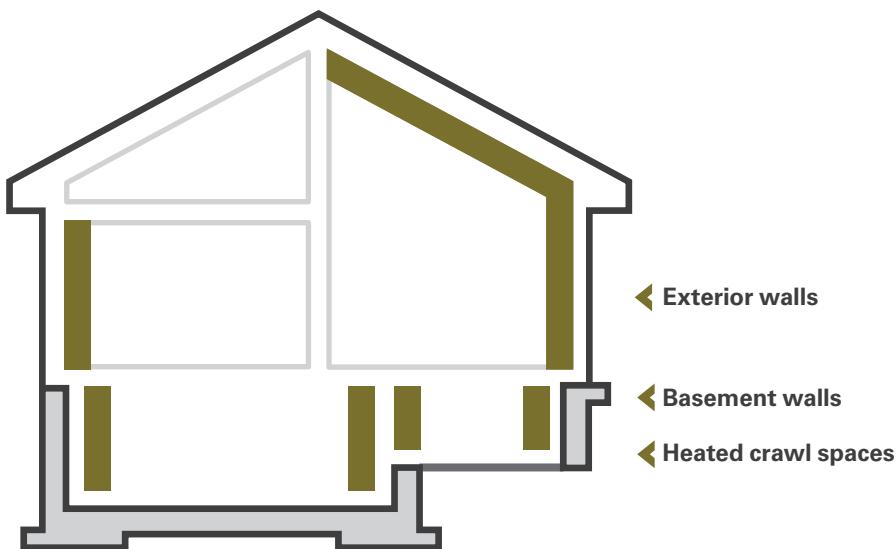
INSTALLATION

In standard wood framing, carefully insert batts between the wood studs or joists to fill the cavities with a friction-fit to framing members. JM mineral wool batts are easily cut with a knife for quick installation and snug fit in nonstandard size cavities.

PACKAGING

JM mineral wool products are compression packed for more efficient storage and transport.

DESIGN CONSIDERATIONS



PERFORMANCE ADVANTAGES

Dependable Thermal Performance:

With high fiber quality and low shot content, JM mineral wool batts deliver consistent thermal insulating performance at the rated R-value. The high-density, non-combustible fiber helps keep homes warm in winter and cool in summer while reducing heating and cooling bills to save money year-round.

Fire Safety: Noncombustible JM mineral wool batt insulation contributes to high fire-resistance capabilities in insulated assemblies.

Noncombustible: See Applicable Standards for details.

Durable & Inorganic: JM mineral wool batts do not support growth of fungi, nor do they sustain vermin.



TempControl™ Batts for Year-Round Thermal Comfort and to Help Delay the Spread of Fire



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MINERAL WOOL

LIMITATIONS OF USE

Check applicable building codes.

APPLICABLE STANDARDS & BUILDING CODE CLASSIFICATION

JM MINERAL WOOL BATTs

- ASTM C665, Type 1
- ASTM E136 noncombustible
- ASTM E84 Flame Spread/Smoke Developed, 5/0
- IBC (International Building Code) all types

PHYSICAL PROPERTIES

PROPERTY	TEST METHOD	RATING
Thermal Resistance	ASTM C518	R-15, R-23
Surface Burning Characteristics	ASTM E84	Flame spread 5/smoke 0
Critical Radiant Flux	ASTM E970	Greater than 0.12 W/cm ²
Water Vapor Sorption	ASTM C1104	Less than 5%
Odor Emission	ASTM C1304	Pass
Corrosiveness	ASTM C665	Pass
Fungi Resistance	ASTM C1338	Pass

STANDARD SIZES

PRODUCT	THICKNESS in (mm)	WIDTH in (mm)	LENGTH in (mm)
R-15 TempControl™	3½" (89)	15¼" (387)	47" (1194)
R-23 TempControl™	5½" (140)	23" (584)	47" (1194)

Visit our website at www.JM.com or call 1-800-654-3103 | 717 17th Street Denver, CO 80202

Technical specifications as shown in this literature are intended to be used as general guidelines only. The physical and chemical properties of the mineral wool 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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