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

MINERAL WOOL

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.

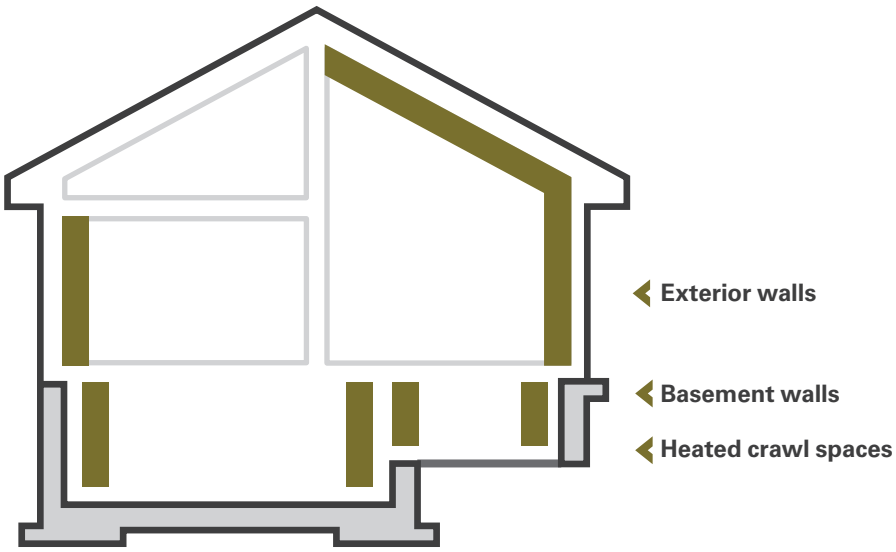
DESCRIPTION
JM mineral wool batts are made of inorganic fibers derived from basalt, a volcanic rock, and are enhanced with glass fibers. Advanced manufacturing technology ensures consistent product quality, with high-fiber density and low shot content for excellent performance. JM mineral wool batts 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.

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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

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