



# EasyFit®

## Perforated Formaldehyde-free Thermal and Acoustical Fiber Glass Insulation



### FORMALDEHYDE-FREE

Johns Manville has revolutionized the building insulation industry by introducing an entire line of formaldehyde-free fiber glass building insulation. JM Formaldehyde-free insulation provides the same high-quality thermal and acoustical properties as conventional JM fiber glass – just without the formaldehyde-based binder. Why? Because it's a smart thing to do for our customers and the environment. Formaldehyde has traditionally been used as part of the binder in fiber glass insulation. Although there is no health risk with the traditional product, formaldehyde at higher levels may cause irritation and sensitivity. JM Formaldehyde-free building insulation utilizes an innovative new acrylic binder that eliminates binder-related formaldehyde emissions during manufacturing and, once installed, will not off-gas formaldehyde in the indoor environment. No formaldehyde means fewer things to worry about. Visit us at [www.jm.com](http://www.jm.com) for more information.

### PRODUCT DESCRIPTION

Johns Manville EasyFit thermal and acoustical fiber glass batts feature vertical perforations that allow installers to separate sections by hand, rather than cutting the batt, to fit non-standard-width framing cavities quickly and easily. The lightweight thermal and acoustical insulation is made of long, resilient glass fibers bonded with an acrylic thermosetting binder.

### AVAILABLE FORMS

Each EasyFit package contains both standard and perforated batts to meet all your insulating needs.

### APPLICATIONS

#### New Construction

- Wood frame construction – residential homes, light commercial
- Engineered wood construction – assemblies framed with 304 mm (12") to 487 mm (19.2") on-centre cavities, wide-spaced wood trusses or I-joists
- Interior wall sound control – interior walls and floor/ceiling assemblies
- Basement wall insulation

15" WIDE EASYFIT		
Piece Size	Fits Cavities	Slit Configuration
2 1/2"	Up to 2"	← 2 1/2" →
4 1/2"	2 1/2" to 4"	← 4 1/2" →
6 1/2"	4 1/2" to 6"	← 6 1/2" →
8 1/2"	6 1/2" to 8"	← 8 1/2" →
10 1/2"	8 1/2" to 10"	← 10 1/2" →
12 1/2"	10 1/2" to 12"	← 12 1/2" →
15"	12 1/2" to 14 1/2"	← 15" →

23" WIDE EASYFIT		
Piece Size	Fits Cavities	Slit Configuration
3"	Up to 2 1/2"	← 3" →
5"	3" to 4 1/2"	← 5" →
7"	5" to 6 1/2"	← 7" →
9"	7" to 8 1/2"	← 9" →
11"	9" to 10 1/2"	← 11" →
12"	11" to 11 1/2"	← 12" →
14"	12" to 13 1/2"	← 14" →
16"	14" to 15 1/2"	← 16" →
18"	16" to 17 1/2"	← 18" →
20"	18" to 19 1/2"	← 20" →
23"	20" to 22 1/2"	← 23" →

### INSTALLATION

Vertical perforations allow batts to be torn to fit non-standard-width cavities for faster, easier installation. It installs by simply pressing in place between studs. Fasteners may also be used. Wire rods, chicken wire or wire is needed to hold floor insulation in place.

### PACKAGING

JM EasyFit batts are compression-packaged for savings in storage and freight costs.

### PERFORMANCE ADVANTAGES

- Formaldehyde-free – will not off-gas formaldehyde in the indoor environment.
- Fast, Easy Installation – installation is 10 to 20 percent faster in sidewalls compared to normal fiber glass batts.\*
- Fits Any Width Cavity – either as a whole batt or in a combination of pre-cut widths.
- Thermal Efficiency – provides effective resistance to heat transfer with R-values up to R-20 (RSI-3.5).
- Sound Control – reduces transmission of sound through interior walls and floor/ceiling assemblies.
- Fire-resistant and Non-combustible – (see Specification Compliance).
- Non-corrosive – does not accelerate corrosion of pipes, wiring or metal studs.
- Durable – unaffected by moisture, oil, grease and most acids. It will not rot, mildew or otherwise deteriorate.
- Resilient – bonded glass fibers will not pull apart during normal applications and resist settling, breakdown and sagging from vibration.
- Flexible – forms readily around corners and curved surfaces.

\*Based on comments from contractors participating in trials.

## AVAILABLE FORMS\*

	R-value		Thickness**		Batt Width		Batt Length		Typical Perforated Batts per bag	Total Batts per bag	Coverage	
	(hr-ft <sup>2</sup> ·F/Btu)	(m <sup>2</sup> ·°K/Watts)	(in)	(mm)	(in)	(mm)	(in)	(mm)			(ft <sup>2</sup> )	(m <sup>2</sup> )
CAN/ULC-S702-97, Type 1 EasyFit	12	2.1	3½	89	15	381	48	1219	6	18	90.00	8.36
	12	2.1	3½	89	15	381	47	1194	6	18	88.12	8.18
	12	2.1	3½	89	15	381	47	1194	8	24	117.50	10.91
	13	2.3	3½	89	14.75	375	47	1194	4	12	57.77	5.36
	14	2.5	3½	89	15	381	47	1194	5	16	78.33	7.27
	14	2.5	3½	89	15	381	47	1194	3	10	48.95	4.54
	20	3.5	6	152	15	381	47	1194	3	10	48.95	4.54
	20	3.5	6	152	15	381	48	1219	3	10	50.00	4.65
	20	3.5	6	152	15	381	47	1194	4	14	68.54	6.36
	20	3.5	6	152	23	584	47	1194	4	10	75.06	6.97
	20	3.5	6	152	23	584	48	1219	3	10	76.66	7.12

\*Consult your local sales representative for other available sizes and R-values (RSI-values) or call (403) 227-7100.  
\*\*Thickness may vary by producing location.

## 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.

## SPECIFICATION COMPLIANCE

Conforms to NBC 1995 Article 9.25.2.2 and to CSA A101-M  
CCMC Evaluation Listing No. 12276-L  
CAN/ULC-S702-97, Type 1  
CAN/CGSB-51.11-92

## SHORT FORM SPECIFICATIONS

All insulation shown on drawings or specified herein shall be "EasyFit Formaldehyde-free Fiber Glass Insulation" as manufactured by Johns Manville. Thermal resistance "R" (RSI) values of the insulation shall be R (RSI) \_\_\_\_\_ in walls.

## LIMITATIONS OF USE

Check applicable building codes.



Contains 50%  
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.

Technical specifications as shown in this literature are intended to be used as general guidelines only. The physical and chemical properties of EasyFit perforated thermal and acoustical fiber glass 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, call or write to the 800 number or address listed below.



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