



Johns Manville

A Berkshire Hathaway Company

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May 31, 2016

Re: LEED and Green Building Aspects of Johns Manville’s
Formaldehyde- Free Fiber Glass Building Insulation Batt and Roll Products

Dear Valued Customer,

This letter provides information regarding the point of origin for raw materials, manufacturing and recycled content of Johns Manville’s Formaldehyde-free Fiber Glass building insulation. Johns Manville’s building insulation products, including Unfaced, FSK-25 Faced, ComfortTherm, standard Foil Faced, and Kraft Faced, are composed of 85 to 98% fiber glass wool and 2 to 15% bio-based thermoset resin. Johns Manville’s formaldehyde free, fiber glass insulation products produced in Winder, Georgia are composed primarily of the following materials:

(Harvested) Material Location

Borax	California ¹
Silica	Georgia
Cullet	Georgia
Feldspar	Georgia
Thermoset Binder	Midwest USA

The silica, feldspar, and cullet “local” materials that make up approximately 73 % of the final products made in Winder, Georgia are extracted, harvested or recovered, as well as manufactured within 500 miles of Winder, GA. Therefore, a project site located within 500 miles from Winder, Georgia should qualify for LEED 3.0 MR Credit 5 for manufactured, extracted, or harvested location².

The binder is a rapidly renewable material and can contribute towards LEED credit MR6.

Johns Manville’s formaldehyde free fiber glass building insulation does not contain volatile organic compounds (VOC), and would qualify for LEED 3 IEQ Credit 3.2 (option 2) for formaldehyde-free concentrations; and would also contribute to LEED 3 IEQ Credit 4.6 for schools. The SCS and GREENGUARD Certifications for these products are attached under separate cover.

¹ This location is the only known source in North America.

² <http://geobytes.com/citydistancetool/>

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Finally, Johns Manville's formaldehyde-free fiber glass building insulation is certified by Scientific Certification Systems (SCS) to have a nationwide average recycled content of 30% post-consumer recycled content; and they would qualify for LEED 3 MR Credit 4 for recycled content. The SCS Certification for these products is attached under separate cover.

Please let Johns Manville know if you have any additional questions concerning its products or their intended applications.

Sincerely,



Renee Luka
Johns Manville
Technical Support Representative
303-978-5280

This proceeding information was offered for your guidance and assistance with the understanding that the comments do not constitute any representations, endorsements of, or an assumption by Johns Manville of any liability for the adequacy of the design of the building, performance of the material and/or the building envelope as a whole either in the context of LEED certification or otherwise as indicated. The proceeding information is not a substitute for review by an architect, engineer, or LEED-related associate/professional. You should consult with the proper professional for any questions regarding all engineering and/or LEED related issues. By accepting this document, you have agreed to the aforementioned disclaimer.