

### **BUILDING INSULATION**

## **TECHNICAL BULLETIN**

FORMALDEHYDE-FREE™ FIBERGLASS INSULATION

March 2018

## **BINDER PRODUCT COMPLIANCE TO INDUSTRY SPECIFICATIONS**

Effective March 16 to March 22, 2018, Johns Manville Formaldehyde-free™ fiberglass building insulation products from our McPherson, KS facility will be manufactured using an alternate bio-based binder.

The binder is a small but key component of the product, holding the glass fibers in place to maintain the shape of the batt or roll insulation. There are several binder options available to manufacturers. Raw material supply, manufacturing flexibility, regulatory, and/or other various considerations may drive periodic changes to the binder composition. Tested and approved changes to binder composition do not impact the performance of the insulation products.

This alternate binder results in a change to the product's appearance, which will be a cream color. The color and binder differences have no impact on the basic performance properties of the insulation. Testing at accredited Johns Manville and external laboratories have confirmed that products utilizing this binder continue to comply with all the performance requirements of industry standards including ASTM C665 "Standard Specification for Mineral-Fiber Blanket Thermal Insulation for Light Frame Construction and Manufactured Housing".

#### **Industry Standard Compliance**

- Standard Specification for Mineral-Fiber Blanket ASTM C665
- Dimensional Tolerances: ASTM C167
- Thermal Transmission Properties: ASTM C 518
- Surface Burning Characteristics—
  Flame 25 or less, Smoke 50 or less: ASTM E84
- Critical Radiant Flux: ASTM E970
- Water Vapor Sorption: ASTM C1104
- Odor emission: C1304
- Corrosiveness: ASTM C 665 and ASTM C1617
- Fungi Resistance: ASTM C 1338Noncombustible: ASTM E 136
- Underwriters Laboratories, Inc. Classified FHC 25/50



**Bio-Based Binder** 



Acrylic Binder

# Specification and Installation

This binder does not change the size, form, or applicability of the building insulation products throughout the product line. Therefore, JM's products can, and should, be used interchangeably. Standard installation procedures apply.

Alternate Bio-Based Binder



717 17th Street Denver, CO 80202 www.jm.com

Customer Service & Technical Support 800-654-3103

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 Formaldehyde Free™ fiberglass 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 Regional 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 thermal insulation and systems, visit www2.jm.com/terms-conditions or call (800)654-3103.