

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 1338
- Noncombustible: ASTM E 136
- Underwriters Laboratories, Inc. Classified FHC 25/50



Bio-Based Binder



Alternate 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.