

## TECHNICAL BULLETIN

FORMALDEHYDE-FREE™ FIBERGLASS INSULATION

January 2018

## BINDER PRODUCT COMPLIANCE TO INDUSTRY SPECIFICATIONS

Effective January 2018, Johns Manville Formaldehyde-Free™ Fiberglass Insulation produced in Willows, CA will be manufactured using an acrylic binder. This acrylic binder is not new to the industry and was part of JM's formulation for over 10 years.

This binder results in a change to the product's appearance, which is now a white 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 has confirmed that products utilizing this binder continue to comply with 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

   Surface Surface 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



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.



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.

BITB17:001 © 2017 Johns Manville