DATA SHEET

Inner-Safe™ Batt Insulation

with ECOSE® Technology

DESCRIPTION

Inner-Safe batt insulation is a non-combustible product that meets and exceeds NFPA 13 Standard requirements—saving time and money on multi-family construction projects by offering a superior alternative to sprinklers in interstitial spaces. Inner-Safe works with the typical floor joist types found in multi-family and mixed-use projects: I-Joist and Open Web.

APPLICATION

- Friction fits between framing members
- Complies with NFPA 13 Section 9.2.1.7 (formerly 8.15.1.2.7)
- Can be installed in either a single or double layer depending on the joist depth
- Fits floor cavities from 8" to 24"

FIBERGLASS AND MOLD

Fiberglass insulation will not sustain mold growth. However, mold can grow on almost any material when it becomes wet and contaminated. Carefully inspect any insulation that has been exposed to water. If it shows any sign of mold it must be discarded. If the material is wet but shows no evidence of mold, it should be dried rapidly and thoroughly. If it shows signs of facing degradation from wetting, it should be replaced.

CONTRACTOR: _____

JOB: _____

DATE: _____

DOING MORE FOR THE WORLD WE LIVE IN.

Knauf Insulation products with ECOSE® Technology are made using our patented, bio-based binder - a smarter alternative to the phenol/formaldehyde (PF) binder traditionally used in fiberglass products. The bio-based binder holds our product together and gives the product its unique appearance.

All of our products are formaldehyde-free and made from sustainable resources, such as recycled glass and sand. And we're proud to be putting glass bottles back to work rather than into landfills. Our products are made with a minimum of 50% recycled glass—totaling an average of 26 million bottles each month.

TECHNICAL DATA		
Property (Unit)	**Test**	**Performance**
Corrosiveness	ASTM C665	Does not accelerate corrosion of steel
Corrosion	ASTM C1617	Pass
Combustibility	ASTM E136	Non-combustible
Odor Emission	ASTM C1304	Pass
Maximum Service Temperature	ASTM C411	350 °F (177 °C)
Mold Growth	ASTM C1338	Pass
Water Vapor Sorption (by weight)	ASTM C1104	5% or less
Surface Burning Characteristics (flame spread/smoke developed)	ASMT E84, CAN/ULC S102	25/50

FORMS AVAILABLE		
Thickness	**Width**	**Length**
8" (203 mm)	16" (406 mm)	48" (1219 mm)
	24" (610 mm)	
10" (254 mm)	16" (406 mm)	
	24" (610 mm)	
12" (305 mm)	16" (406 mm)	
	24" (610 mm)	

Please contact your Territory Manager for availability.

NOTE

- 8.15.1.2.7 allowing those spaces to be filled with non-combustible insulation is now 9.2.1.7.
- Concealed spaces filled with noncombustible insulation shall not require sprinkler protection.
- 8.15.2.7.1 allowing a 2" gap at the top is now 9.2.1.7.1.
- A maximum 2" (50 mm) air gap at the tip of the space shall be permitted.

CERTIFICATIONS

Check with your Knauf Insulation Territory Manager to ensure information is current.

The chemical and physical properties of this product represent average values determined in accordance with accepted test methods. The data is subject to normal manufacturing variations. The data is supplied as a technical service and is subject to change without notice. References to numerical flame spread ratings are not intended to reflect hazards presented by these or any other materials under actual fire conditions.

This product is covered by one or more U.S. and/or other patents.
See patent www.knaufnorthamerica.com/patents

Visit **knaufnorthamerica.com** to learn more.

KNAUF INSULATION, INC.
One Knauf Drive
Shelbyville, IN 46176

Technical Support
(317) 398-4434 ext. 8727
info.us@knaufinsulation.com

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