



Performance⁺

FDM Blanket

with ECOSE[®] Technology

Product-Data-Sheet

Description

Performance⁺ FDM Blanket Insulation is a resilient, flexible blanket insulation made from inorganic glass fibers bonded with ECOSE[®] Technology.

Application

- Flexible ducts

Specification Compliance

U.S.

- ASTM C553; Types I and II
- UL/ULC Classified
- UL Air Duct Component Recognized - Thermal Resistance

Notes

The UL 181 tests are construction specific. As such, it is the responsibility of the flex duct manufacturers to submit their products to a third party testing facility for UL 181 compliance.

Indoor Air Quality

- **Asthma & Allergy Friendly[®]** Certified
- Verified Healthier Air[™]
- UL Environment
 - GREENGUARD Certified
 - GREENGUARD Gold Certified
 - Validated to be Formaldehyde-Free
- EUECB Certified

Certifications



The Asthma & Allergy Friendly[®] Certification Mark is a Registered Certification Mark of the Asthma Allergy Foundation of America (AAFA) and Allergy Standards Ltd (ASL). Verified Healthier Air[™] is a trademark of Airmid Healthgroup. USGBC[®] and the related logo are trademarks owned by the U.S. Green Building Council[®] and are used with permission.

Contractor: _____

Job: _____

Date: _____

Forms Available

R-Value	Thickness	Installed Thickness	Width	Length
R-6	2"	1 ⁵ / ₈ "	Varies	150'
R-8	2 ⁵ / ₈ "	2 ¹ / ₈ "		125'

Technical Data

Property (Unit)	Test	Performance
Corrosion	ASTM C1617	Pass
Thermal Conductivity	ASTM C518	0.26
Odor Emission	ASTM C1304	Pass
Water Vapor Sorption (by weight)	ASTM C1104	Less than 5%
Mold Growth	ASTM C1338	Pass
Surface Burning Characteristics (flame spread/smoke developed)	ASTM E84, NFPA 255, UL 723	25/50, UL/ULC Classified

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.

Insulation used in direct contact with air streams that provide conditioning to occupied spaces must be discarded if exposed to water.

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.

Consult with or follow local building and energy codes to determine appropriate R-values and need for and placement of a vapor retarder.

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Technical Support

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This product is covered by one or more U.S. and/or other patents.

See patent www.knaufnorthamerica.com/patents

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