# Performance+®

# Condensation Control Blanket
with ECOSE® Technology

*Product-Data-Sheet*

## Description

Performance+® Condensation Control Blanket is a resilient, flexible unfaced blanket insulation made from inorganic glass fibers bonded with ECOSE® Technology.

## Application

- When faced with a suitable vapor retarder, it can be installed in exterior wall and roof surfaces of pre-engineered metal buildings typically used for agricultural and storage applications for condensation and noise control insulation.

## Specification Compliance

- ASTM C553; Type I, II (Max. operating temp. 350º F)
- UL/ULC Classified

## Indoor Air Quality

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

## Certifications




Contractor: _____

Job: _____

Date: _____

## Technical Data

| Property (Unit) | Test | Performance |
|---|---|---|
| Corrosiveness | ASTM C665 | Does not accelerate corrosion of steel |
| Corrosion | ASTM C1617 | Pass |
| Combustibility | ASTM E136 | Non-combustible (Blanket only) |
| 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, UL 723 | UL/ULC Classified FHC 25/50 (unfaced) |

## Forms Available

| Density | Thickness | Width | Length | K-Value |
|---|---|---|---|---|
| 0.75 PCF (12 kg/m³) | 2" (51 mm) | 36" (914 mm)– 72" (1824 mm) | 100' (30.5 m) | 0.29 |
| | 2.25" (57.2 mm) | 72" (1824 mm)– 96" (2438 mm) | | |
| | 2.5" (63.5 mm) | | 95' (29.0 m) | |

Please contact your Territory Manager for availability.

### 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.

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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