

Product Provided

○ Unfaced Batts and Blankets

EcoBatt™ and EcoBlanket™ Insulation with ECOSE™ Technology

Glasswool insulation designed to friction fit between framing members. Specifier permitted choice of warm side vapor retarders, including foil backed gypsum board or polyethylene film.

Unfaced glasswool insulation is also an excellent sound control insulation, designed for installation in floor systems and in partition walls between rooms or dwellings.

When tested in accordance with ASTM E 84, material has Fire Hazard Classification of 25/50 or less.

Complies with the requirements of the applicable ASTM and cancelled federal specifications:

ASTM C 665, Type I, Class A

HH-I-521F, Type I, Class A

ASTM E 136

- 2½" R-8
- 3½" R-11
- 3½" R-13
- 6¼" R-19
- 6½" R-22
- 8" R-25
- 9" R-26
- 10" R-30
- 12" R-38

○ Kraft Faced Batts and Blankets.

EcoBatt™ and EcoBlanket™ Insulation with ECOSE™ Technology

Glasswool insulation with asphalted kraft paper with or without stapling flanges. Kraft vapor retarder has vapor transmission (permeance) rating of 1.0 or less.

Kraft faced glasswool insulation is also an excellent sound control insulation, designed for installation in floor systems and in partition walls between rooms or dwellings. Kraft facing will burn and should be not be left exposed. Install kraft facing in contact with approved finish material.

Complies with the requirements of the applicable ASTM and cancelled federal specifications:

ASTM C 665, Type II, Class C

HH-I-521F, Type II, Class C

- 3½" R-11
- 3½" R-13
- 6¼" R-19
- 6½" R-22
- 9" R-26
- 10" R-30
- 12" R-38

○ Foil Faced Batts

EcoBatt™ Insulation with ECOSE™ Technology

Glasswool foil insulation with asphalt-coated kraft/foil facing with flanges. Foil vapor retarder has vapor transmission (permeance) rating of .05 or less. Insulation should not be left exposed. Cover with fire rated finishing surface.

Complies with the requirements of the applicable ASTM and cancelled federal specifications:

ASTM C 665, Type III, Class B

HH-I-521F, Type III, Class B

- 3½" R-11
- 3½" R-13
- 6¼" R-19
- 9" R-26
- 10" R-30
- 12" R-38

○ FSK-25 Foil Faced Batts

EcoBatt™ Insulation with ECOSE™ Technology

Glasswool insulation with flanged reinforced foil/scrim/kraft facing with an average vapor transmission (permeance) rating of .04.

When tested in accordance with ASTM E 84, material has Fire Hazard Classification of 25/50 or less.

Complies with the requirements of the applicable ASTM and cancelled federal specifications:

ASTM C 665, Type III, Class A

HH-I-521F, Type III, Class A

- 3½" R-11
- 3½" R-13
- 6¼" R-19
- 8" R-25
- 9" R-26
- 10" R-30
- 12" R-38

○ Specialty Insulation

○ Sill Sealer with ECOSE™ Technology.

A flexible unfaced glasswool insulation designed for use between the sill plate and the foundation wall to provide an air infiltration barrier.

When tested in accordance with ASTM E 84, material has Fire Hazard Classification of 25/50 or less.

Complies with the requirements of the applicable ASTM and cancelled federal specifications:

ASTM C 665, Type I, Class A

HH-I-521F, Type I, Class A

- 1¼" x 6"

ECOSE™ Technology Description

ECOSE Technology is a revolutionary new organic binder that contains no phenol, formaldehyde, acrylics or artificial colors. It is made from rapidly renewable organic materials instead of oil-based chemicals for greater sustainability.

Thermal Performance

Thermal resistance (R-value) of the insulation only is certified to be as represented above when measured at a mean temperature of 75°F (24°C) and subject to manufacturing and testing tolerances.

Fiber Glass and Mold

Fiber glass (glasswool) 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.

Quality Assurance

On-line production is periodically tested to ensure that Knauf insulation delivers the stated thermal performance or better when properly installed at the label thickness.

See Knauf Commercial Building Insulation Submittal (BI-SS-7) or High Density Building Insulation Submittal (BI-SS-9) for additional products.



Knauf Building Insulation with ECOSE™ Technology is certified for indoor air quality as a low emitting product by The GREENGUARD Environmental Institute™ to both the GREENGUARD Certification Program™ and the more stringent GREENGUARD For Children and Schools™ standard. www.greenguard.org

