

## Product Provided

### ○ Unfaced Batts and Blankets

#### **EcoBatt® Insulation with ECOSE® Technology**

Glasswool insulation is designed to be 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 a 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
- CCMC 13069-L
- NBC 1995, Article 9.25.2.2
- CAN/ULC S702-97, Type 1

Forms available include:

- 2½" (64 mm) R-8 (RSI 1.4)
- 3½" (89 mm) R-12 (RSI 2.1)
- 3½" (89 mm) R-14 (RSI 3.2)
- 6" (152 mm) R-20 (RSI 3.5)\*
- 5½" (140 mm) R-22 (RSI 3.9)
- 8" (203 mm) R-28 (RSI 4.5)
- 10" (254 mm) R-35 (RSI 6.0)
- 11.5" (292 mm) R-40 (RSI 7.0)

\* R-19 at 5½" (14 cm) thickness for walls and attics.

## ECOSE® Technology Description

ECOSE Technology is a revolutionary new binder chemistry that makes Knauf Insulation products even more sustainable than ever. It is based on rapidly renewable bio-based materials rather than non-renewable petroleum-based chemicals traditionally used in fiberglass insulation products. ECOSE Technology reduces binder embodied energy and does not contain phenol, formaldehyde, acrylics or artificial colors.

## Thermal Performance

Thermal resistance (R-value) of the blanket 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

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.



Knauf EcoBatt® Building Insulation is certified for indoor air quality as a low emitting product by The GREENGUARD Environmental Institute to both the GREENGUARD Certification Program<sup>SM</sup> and the more stringent GREENGUARD For Children and Schools<sup>SM</sup> standard. [www.greenguard.org](http://www.greenguard.org)

