



February 2017

EcoBatt® Ceiling and Roof Batts

Description

EcoBatt Ceiling and Roof batts are made using recycled glass and with ECOSE® Technology, a revolutionary binder based on rapidly renewable materials instead of petro-based chemicals. ECOSE Technology reduces binder embodied energy and contains no added phenol, formaldehyde, acrylics or artificial colours.

Application

EcoBatt Ceiling and Roof batts provide a cost-effective thermal and acoustical barrier for energy-efficient construction. The consistent quality, low dust, and clean-cutting resilient glasswool makes installation fast. EcoBatt Ceiling and Roof batts can be used in timber frame applications in residential and commercial structures. Knauf Insulation offers EcoBatt Ceiling and Roof batts in a wide range of sizes.

Specification Compliance

KTR Certified in compliance with the Building Code of Korea.

Performance

Thermal Conductivity

ASTM C 518.

Thermal Resistance

ASTM C 653.

Technical Data

Water Vapour Absorption (ASTM C 1104)

- Less than 5% by weight.

Corrosion Resistance (ASTM C 665)

- No greater than sterile cotton.

Microbial Growth (ASTM C 1338)

- Does not support microbial growth.

Fire Hazard Properties (EN 13501-1)

- Ignitability: 0, Spread of flame: 0, Heat Evolved: 0, Smoke Developed: 0-1.

Combustibility (ASTM E 136)

- Unfaced insulation is non-combustible.

ECOBATT®



with **ECOSE®**
TECHNOLOGY

EcoBatt® Ceiling and Roof Batts

Bio-solubility

The formulation used for EcoBatt insulation has been independently assessed to meet the requirements of the stringent Note Q standard. As a result of this assessment, EcoBatt insulation is not classified as hazardous according to the NOHSC criteria.

Features and Benefits

Proven Performance

- Preferred by professional installers concerned with quality, appearance and productivity.
- Excellent acoustical properties reduce sound transmission in the home when properly installed.

Durability

- EcoBatt Ceiling and Roof batts are odourless, rot proof, non-hygroscopic, does not sustain vermin and will not encourage the growth of fungi, mould or bacteria.

Superior Handling

- Highly resilient insulation recovers quickly to full thickness for a snug fit and superior finished aesthetics.
- Consistent quality materials feel good, cut easily and install fast.
- Low dust for easier handling and increased productivity.

Convenient Packaging, Easier Handling

- EcoBatt Ceiling and Roof batts are packaged in a strong, white poly bag that offers excellent protection from abuse, dust and moisture.
- EcoBatt Ceiling and Roof batt packages feature easy to follow installation instructions.
- MasterBag insulation units (containing multiple packs) ensure reduced handling costs with improved compression – more square metres per bag, more square metres per truck load, fewer trips to the job site and less warehouse space for storage.

Superior Service and Support

- Knauf Insulation is totally focused on providing first class customer service, producing high quality product and 'on time in full' deliveries.
- Knauf Insulation recognises the need to establish, develop and support a professional network of distributors and re-sellers in order to service a growing insulation market.
- Knauf Insulation is committed to providing a comprehensive range of relevant sales and marketing literature and web-based technical information to support specifiers and customers.

Environmental

EcoBatt Ceiling and Roof batts are free from CFCs, HCFCs and any other material with ozone depletion potential in the manufacture and content and represent no known threat to the environment. EcoBatt Ceiling and Roof batts' manufacture has low impact on the environment and is classified as Zero ODP and Zero GWP.

Knauf Insulation's EcoBatt products with ECOSE® Technology benefit from a formaldehyde-free binder based on rapidly renewable materials instead of petro-based chemicals. The technology has been developed for Knauf Insulation's glass and rock mineral wool products, enhancing their environmental credentials without affecting the thermal, acoustic or fire performance. EcoBatt products made with ECOSE Technology contain no dye or artificial colours - the colour is completely natural.

EcoBatt® Ceiling and Roof Batts

EcoBatt ceiling and roof batts (faced)

SKU	R-Value (m ² K/W)	Thickness (mm) (inches)		Width (mm) (inches)		Length (mm) (inches)		No. slabs per pack	Packs per MasterBag	MasterBags per Supakube	Packs per full container load
5001500	19	159	6.25	381	15	2,388	94	10	4	6	456
5001472	19	159	6.25	584	23	2,388	94	9	4	4	304
5001485	30	254	10	406	16	1,219	48	13	4	6	456
5001489	30	254	10	610	24	1,219	48	11	4	4	304
436515	32	220	8.66	381	15	1,219	48	9	5	6	550
436519	32	220	8.66	584	23	1,219	48	9	4	4	304
TBA	37	220	8.66	364	14.75	1,193	47	9	5	6	550
5006286	38	260	10.25	381	15	1,219	48	8	5	6	550
5006287	38	260	10.25	584	23	1,219	48	8	4	4	304



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