



February 2017

## EcoBatt® Wall Batts

### Description

EcoBatt Wall 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 Wall 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 Wall batts can be used in timber frame applications in residential structures. Knauf Insulation offers EcoBatt Wall 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® Wall 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 Wall 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 Wall batts are packaged in a strong, white poly bag that offers excellent protection from abuse, dust and moisture.
- EcoBatt Wall 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 Wall 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 Wall 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® Wall Batts

### EcoBatt: Basic wall batts (faced)

SKU	R-Value (m²K/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			
505904	11	89	3.5	381	15	2,388	93	16	5	6	550

### EcoBatt: Ultra wall batts (unfaced)

SKU	R-Value (m²K/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			
5002895	15	89	3.5	584	23	2,362	93	6	4	4	304
5003607	24	140	5.5	375	14.75	1,194	47	6	4	6	480

### EcoBatt: Ultra wall batts (faced)

SKU	R-Value (m²K/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			
468051	15	89	3.5	381	15	2,362	93	8	5	6	550
5001671	21	140	5.5	381	15	2,362	93	7	5	6	550
5003929	21	140	5.5	584	23	2,362	93	7	4	4	304
TBA	23	140	5.5	584	23	1,194	47	8	4	4	304
TBA	23	140	5.5	384	15	2,362	93	4	4	4	304



### Knauf Insulation Pty Ltd

#### Customer Service (sales)

Tel: 0314768718

Fax: 0314768720

Email: sales.kr@knaufinsulation.com

#### Technical Advisory Centre

Email: tech.kr@knaufinsulation.com

For more information please visit  
[www.knaufinsulation.kr.com](http://www.knaufinsulation.kr.com)