

ECOWOOL CLASSIC ROOFING BLANKET

DESCRIPTION

ECOWOOL CLASSIC blanket is a specifically designed glass mineral wool for fire safety, thermal and acoustical insulation. The new generation of glass mineral wool has been engineered to provide the highest level of insulation performance for building occupants to achieve the optimum level of indoor comfort deserved.

APPLICATIONS

ROOF: Application focused, it combines cost efficiency with the highest standard of insulation performance when installed under metal deck roofs or clay tiled roofs. The insulation acts as a highly effective barrier to heat flow, keeping your building cool during hot weather and conserving the cool air indoors.

HVAC: Recommended as a thermal insulation for the exterior of HVAC systems or other spaces or surfaces where temperature control is required. ECOWOOL CLASSIC blanket meets typical industry standards for the core and tensile strength, which makes the product more resistant to damage during lamination and installation. The flexible and light weight features allow the insulation to conform easily around corners and curved surfaces and is readily cut in die presses or with a knife.

PARTITION WALL: Application focused, ECOWOOL CLASSIC blanket is designed specifically for press-fit installation without the need for stapling or fastening. It can be fitted between timber or steel studs in a wall cavity application. They resist vibration or shakedown and fit readily around uneven surfaces.

The Advantages of EcoWool

Sustainable Produce

ECOWOOL CLASSIC blanket is free from CFCs, HCFCs and any other material with ozone depletion in their manufacture/composition content, and represent no known threat to the environment. Made from nearly 80% recycled glass and locally sourced raw materials, ECOWOOL CLASSIC blanket range of glass mineral wool is perfectly in tune with sustainability and environmental concerns

Better fibre network

Fine, longer and evenly distributed fibre network helps in creating better tensile strength allowing the insulation to demonstrate superior durability, flexibility and feeling much softer.

Optimal fibre diameter

Optimal fibre diameter ranging from 4-5 micron produces more air chamber which enables the insulation to provide a better and enhanced performance.

Mould Growth

Does not encourage growth of mould, fungus, bacteria of rodents

Absorbs Disturbing Sound

Exceptional sound-absorbing properties. Specially designed to reduce transmission of unwanted noise through roof and partition wall in industrial, residential and commercial buildings. The acoustic performance of the insulation material can reduce substantial amount of rain noise compared to a metal roof with no insulation. ECOWOOL CLASSIC reduces the transmission of HVAC noises such as air turbulence, popping and cracking.

Less dusty and less itchy

Specifically engineered to produce a comfortable and less dusty insulation. The insulation creates a pleasant work experience by reducing the tingling feeling during installation.

Corrosiveness

Chemically inert. Will not cause or accelerate corrosion of steel, stainless steel, copper or aluminium due to its specially inorganic and mineral composition.

Odour Emission

Does not emit any unpleasant odour

ECOWOOL CLASSIC ROOFING BLANKET DATASHEET

FIRE PROPERTIES

Tested in accordance with:

- B.S 476: Part 6 Fire Propagation
- B.S 476: Part 7 Surface spread of flame

THERMAL CONDUCTIVITY

Complies with ASTM C518 at 23°C mean temperature. Please refer to the table on product available for more information on the thermal resistance

ACOUSTICAL PERFORMANCE

ECOWOOL CLASSIC blanket acts as a natural and effective sound barrier. It is amongst the most effective acoustic insulation solutions when sound proofing required *

Technical specifications as shown in this literature are intended to be used as general guidelines only. The physical and chemical properties of the glass mineral wool insulation listed herein represent typical average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. They are supplied as a technical service and are subject to change without notice. Any reference to numerical flame spread or smoke developed ratings are not intended to reflect hazards presented by these or any other materials under actual fire conditions. The suitability of the product is not binding for special individual cases. Warranty and liability upon delivery shall be in accordance with our General Terms and conditions. No responsibility is assumed for the correctness of this information. Version of 1st may 2016



AVAILABLE FACINGS

ECOWOOL CLASSIC blanket can be supplied with a range of factory applied reinforced reflective Ametalin facing of various duty grades.

Un-faced or Plain – designed for predictable thermal insulation performance with added benefit of being an effective sound absorption material

Faced – designed for additional features of condensation control, vapour barrier and ZERO fibre migration. Please refer to the type of facing material available

BUSHFIRE ATTACK LEVEL (BAL)

ECOWOOL CLASSIC blanket are suitable for sealing ember entry points at valleys, ridges and fascia's whilst the available facings comply with BCA flammability index requirement of ≤ 5



For more information please feel free to contact us during office hours or email us with your enquiry.

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