

RL FIBERTHERM SYSTEM INSULATION

KNAUF FACTORYCLAD MINERAL WOOL

DESCRIPTION

RL Fibertherm System Insulation are made using recycled glass and with ECOSE®Technology, a revolutionary binder based on rapidly renewable materials instead of petrol-based chemicals. ECOSE Technology reduces binder embodied energy and contains no added phenol, formaldehyde, acrylics or artificial colours.

RL Fibertherm System Insulation provide a cost effective thermal and acoustic barrier for energy efficient construction. The consistent quality, low dust, and cleancutting resilient glasswool makes installation fast.

RL Fibertherm System Insulation can be used in timber and metal frame applications in commercial structures. RL Fibertherm System Insulation offers glasswool insulation in a wide range of sizes and R Values. RL Fibertherm System Insulation is highly resilient, recovering quickly to full thickness. It also greatly reduces the transmission of noise in building.



ADVANTAGES

Specification Compliance

AS/NZS 4859.1: 2002 Materials used in the Thermal Insulation of Buildings and comply with the New Zealand Building Code requirements: B2 – Durability, E3 – External Moisture, F2 – Hazardous Building Materials, and H1 – Energy Efficiency. The ELite Insulation Commercial roll is an acceptable solution in terms of the New Zealand Building Code.

Bio-solubility

The formulation used for RL Fibertherm System Insulation has been independently assessed to meet the requirements of the stringent Note Q international standard (and is therefore consistent with the highest Australian and New Zealand industry standards). Approved Criteria for Classifying Hazardous Substances [NOHSC: 1008 3rd Edition. As a result of this assessment, RL Fibertherm System Insulation is not classified as hazardous according to the NOHSC criteria.

Environmental

RL Fibertherm System Insulation represent no known threat to the environment and have zero Ozone Depletion Potential and zero Global Warming Potential.

Proven Performance

Preferred by professional installers concerned with quality, appearance and productivity.

Excellent acoustical properties reduce sound transmission in the building when properly installed in the roof and walls.

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ADVANTAGES

Durability

RL Fibertherm System Insulation is 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.

Easier Handling

RL Fibertherm System Insulation excellent protection from abuse, dust and moisture.

RL Fibertherm System Insulation 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.

PROPERTIES

- Thermal Conductivity ASTM C 518 and AS/NZS 4859.1: 2002
- Thermal Resistance ASTM C 653 and AS/NZS 4859.1: 2002
- 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 (AS/NZS 1530.3) Ignitability: 0, Spread of flame: 0, Heat Evolved: 0, Smoke Developed: 0-1.

DIMENSIONS

THICKNESS	120 mm
R- VALUE	3.1 (m ² /Kw)
WIDTH	1200 mm
LENGTH	14500 mm
DENSITY	13.2 kg/m ³