

DRITHERM® CAVITY SLAB

August 2019



with **ECOSE** TECHNOLOGY

APPLICATIONS



DESCRIPTION

DriTherm® Cavity slab can be used in masonry cavity external walls and is installed to fully fill the cavity. DriTherm® Cavity slab is 600mm wide to suit standard vertical wall tie spacings, ensuring a closed joint with adjacent slabs. With BCA thermal regulations becoming more stringent and home owners demanding increased comfort and energy efficiency, DriTherm® Cavity slab provides a simple, cost-effective insulation option for home designs requiring 6 Star compliance. With over 4 million double brick homes already insulated with water resistant cavity insulation across Europe, DriTherm® Cavity slab is a proven, thermally efficient insulation. DriTherm® Cavity slab is independently appraised and has a 50 year moisture resistant warranty.

PERFORMANCE

Thermal

Thermal conductivity:
Thermal resistance:

ASTM C 518 and AS/NZS 4859.1: 2002.
ASTM C 653 and AS/NZS 4859.1: 2002.

Fire Hazard Properties

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

Acoustic

Will contribute to the BCA's acceptable construction practices to achieve the required acoustic performance in cavity wall construction.

Microbial Growth

Does not support microbial growth.

Corrosion Resistance

No greater than sterile cotton.

Combustibility

Non-combustible.

BENEFITS

- ✓ High thermal performance - year round comfort
- ✓ Sound absorbing
- ✓ Silicone treated - water resistant
- ✓ Non-combustible
- ✓ Saves energy - lower energy bills
- ✓ No added formaldehyde
- ✓ Soft to handle and install
- ✓ 50 year moisture resistant warranty
- ✓ Odourless.

CERTIFICATION



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ADDITIONAL INFORMATION

Specification Compliance

AS/NZS 4859.1: 2002 Materials used in the Thermal Insulation of Buildings and comply with the Building Code of Australia (BCA) requirements.

Specification Guide

The cavity wall insulation shall be DriTherm® Cavity slab insulation R*, *mm thick, CodeMark certified to meet the provisions of the BCA. The product will be non-combustible, CFC/HCFC free, zero ODP and GWP, Global GreenTag Cert™ Level A certified, glasswool insulation with high post-consumer recycled glass content and with ECOSE® Technology. It will be manufactured under Quality Assurance Standards ISO 9001:2008 and ISO 14001:2004 by Knauf Insulation and shall be installed in accordance with the instructions issued by them.

*architect to insert details of products used.

Certification

CodeMark certification for DriTherm® Cavity slab approves the application and installation procedure for this product. The product is for use in existing masonry cavity walls.

Bio-solubility

The formulation used for DriTherm® Cavity slab insulation has been independently assessed to meet the requirements of the stringent Note Q standard (and is therefore consistent with the highest Australian and New Zealand industry standards), and also assessed by Knauf Insulation against the criteria of the Australian Safety and Compensation Council ASCC Approved Criteria for Classifying Hazardous Substances [NOHSC: 1008 3rd Edition]. As a result of this assessment, DriTherm® Cavity slab insulation is not classified as hazardous according to the NOHSC criteria.

Environmental

DriTherm® Cavity slab represents no known threat to the environment and has zero Ozone Depletion Potential and zero Global Warming Potential.

Warranty

DriTherm® Cavity slab is warranted to resist the transmission of liquid water from the outer masonry leaf to the inner masonry leaf in new cavity walls for 50 years.

Moisture Resistance

DriTherm® Cavity slab complies with the Deemed to Satisfy provisions of the BCA in relation to cavity wall insulation and will not affect the moisture resistance of the wall. Tests by the British Board of Agrément confirm that DriTherm® Cavity slab will not transmit water to the inner leaf. Nor will it transmit moisture by capillary action across the cavity or from below damp proof course level.

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

- Earthwool® insulation is packaged in a strong, white poly bag that offers excellent protection from abuse, dust and moisture.
- Earthwool® 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.

Superior Service and Support

- Knauf Insulation is focused on providing first class customer service, producing high quality products and 'in full on time' 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.

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SPECIFICATIONS

Product Code	R-Value (m ² K/W)	Thickness (mm)	Length (mm)	Width (mm)	Pieces per pack	Area per pack (m ²)
475382	1.4	50	1100	600	8	5.3



Earthwool® products made with ECOSE® Technology benefit from a no added formaldehyde binder, which is less energy intensive than traditional binders and is based on rapidly renewable, bio-based 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. Earthwool® products made with ECOSE® Technology contain no added dyes or artificial colours.

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