

## DRITHERM® MASONRY SLAB

October 2019



with **ECOSE** TECHNOLOGY

### APPLICATIONS



### DESCRIPTION

DriTherm® Masonry slab can be used in masonry cavity external walls and is installed to fully fill the cavity. With over 4 million double brick homes already insulated with water resistant cavity insulation across Europe, DriTherm® Masonry slab is a proven, thermally efficient solution. DriTherm® Masonry 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 (AS/NZ 1530.3)

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.

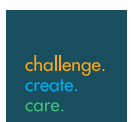
### Combustibility (AS 1530.1)

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

DriTherm® Masonry slab is manufactured in accordance with BS EN 13162, EN 16001 Energy Management Systems, OHSAS 18001 Occupational Health and Safety Management Systems, ISO 14001 Environmental Management Systems, and ISO 9001 Quality Management Systems, as certified by Bureau Veritas.

#### Specification Guide

The cavity wall insulation shall be DriTherm® Masonry slab R\*, \*mm thick. The product will be non-combustible, CFC/HCFC free, zero ODP and GWP, 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.

#### Bio-solubility

The formulation used for DriTherm® Masonry slab 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® Masonry slab is not classified as hazardous according to the NOHSC criteria.

#### Environmental

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

#### Warranty

DriTherm® Masonry 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® Masonry 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® Masonry 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

- DriTherm® Masonry slab is packaged in a strong, white poly film that offers excellent protection from abuse, dust and moisture.
- DriTherm® Masonry slab 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 <sup>2</sup> K/W)	Thickness (mm)	Width (mm)	Length (mm)	Area per pack (m <sup>2</sup> )
475382	1.5	50	600	1100	5.28



Earthwool® glasswool 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® glasswool products made with ECOSE® Technology contain no added dyes or artificial colours.

### Knauf Insulation Ltd

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challenge.  
create.  
care.