

## DRITHERM® CAVITY SLAB

October 2025

### Applications



### Description

DriTherm® Cavity slab can be used in masonry cavity external walls and is installed within the cavity to provide a continuous, non-combustible thermal and acoustic barrier. Manufactured at 600mm widths, DriTherm® Cavity slab is suitable for standard wall tie spacings and furring channel clips used in residential and commercial construction types. 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.



### Performance

<b>Thermal Conductivity</b>	AS/NZS 4859.1 (2018)	
<b>Fire Hazard Properties (AS/NZ 1530.3)</b>	Ignitability: 0 Spread of Flame: 0 Heat Evolved: 0 Smoke Developed: 2-3	
<b>Acoustic</b>	Will contribute to the BCA's acceptable construction practices to achieve the required acoustic performance in cavity wall construction	
<b>Material Property</b>	<b>Requirement per ASTM C665-17</b>	<b>Pass/Fail</b>
Water Vapour Sorption (Mass %) (ASTM C1104)*	<5	Pass
Corrosiveness - Aluminium (rating scale 15-40) (ASTM C665)*	<21	Pass
Corrosiveness - Copper (rating scale 15-40) (ASTM C665)*	<21	Pass
Corrosiveness - Steel (ASTM 1617)*	<5 ppm	Pass
Fungi Resistance (ASTM C1338)*	Growth < Comparative	Pass
<b>Water Vapour Absorption</b>	Less than 5% by weight when tested for 96 hours at 120°F (49°C) and 95% humidity.	
<b>Microbial Growth</b>	Does not support microbial growth	
<b>Combustibility (AS 1530.1)</b>	Non-combustible	

### Benefits

- ✓ High thermal performance - year round comfort
- ✓ Sound absorbing
- ✓ Silicone coated fibres for superior durability and moisture management
- ✓ Non-combustible
- ✓ Saves energy - lower energy bills
- ✓ No added formaldehyde
- ✓ Soft to handle and install
- ✓ Odourless

### Certifications



Approved product  
AC 100.3



Please scan the QR Code to view the complete list of certifications on our website.

## DRITHERM® CAVITY SLAB

October 2025

### Specifications

Product Code	R-Value (m <sup>2</sup> K/W)	Density (kg/m <sup>3</sup> )	Thickness (mm)	Width (mm)	Length (mm)	Pieces per pack	Area per pack (m <sup>2</sup> )
762167	1.4	32	50	600	1100	13	8.6

## DRITHERM® CAVITY SLAB

October 2025

### Additional Information

#### Specification Compliance

AS/NZS 4859.1 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 R1.4, 50mm thick. 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.

#### 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.

#### 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.



Knauf Insulation 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, plant-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. Knauf Insulation glasswool products made with ECOSE® Technology contain no added dyes or artificial colours.

#### Knauf Insulation Pty Ltd

23 Corporate Drive, Cannon Hill, Queensland, 4170, Australia

Customer Service: Tel: +61 7 3393 7300

Technical Advisory Centre: tech.au@knaufinsulation.com

Fax: +61 7 3902 0613

All rights reserved, including those of photomechanical reproduction and storage in electronic media. Extreme caution was observed when putting together and processing the information, texts and illustrations in this document. Nevertheless, errors cannot quite be ruled out. The publisher and editors cannot assume legal responsibility or any liability whatever for incorrect information and the consequences thereof. The publisher and editors will be grateful for improvement suggestions and details of possible errors pointed out.

#### 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.

#### Corrosion Testing

- Knauf Insulation products are tested to evaluate whether a material's chemical composition could cause corrosion. Knauf Insulation's glasswool products, with a consistent composition across densities, have been independently tested and demonstrated that they are non-corrosive in both low-density and high-density variants, ensuring long-term compatibility and reliable performance.