

DRITHERM® EXTERNAL WALL MASONRY CAVITY

November 2021



Enhanced moisture resistance with DriTherm® technology. DriTherm® Masonry batt is silicone treated, which provides moisture resistance for up to 50 years.

APPLICATIONS



DESCRIPTION

DriTherm® Masonry batt 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 batt is a proven, thermally efficient solution. DriTherm® Masonry batt is independently appraised and has a 50 year moisture resistant warranty.

DriTherm® Masonry batt is made using up to 80% recycled glass and with ECOSE® Technology, a sustainable, bio-based binder that contains no added formaldehyde.

PERFORMANCE

Thermal	AS/NZS 4859.1 (2018).
Fire Hazard Properties (AS/NZ 1530.3)	Ignitability: 0, Spread of Flame: 0, Heat Evolved: 0, Smoke Developed: 0-1.
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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SPECIFICATIONS

Product Code	R-Value (m ² K/W)	Thickness (mm)	Width (mm)	Length (mm)	Area per pack (m ²)
475382	1.5	50	600	1100	5.3

All dimensions are nominal.

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ADDITIONAL INFORMATION

Specification Compliance

AS/NZS 4859.1: 2018 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, as appraised by BRANZ. DriTherm® Masonry batt is an acceptable solution in terms of the New Zealand Building Code. This product is designed for use in masonry wall applications in new domestic and commercial buildings.

Specification Guide

The masonry wall insulation shall be DriTherm® Masonry batt R*, *mm thick, BRANZ appraised to meet the provisions of the NZBC. The product will be non-combustible, Red List Free as labelled by Declare, Global GreenTag 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.

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 NZ Work-Safe requirements. DriTherm® Masonry batt is classified as a non-hazardous substance in line with NOHSC: 1008 3rd Edition.

Environmental

DriTherm® Masonry batt represents no known threat to the environment and comes with GreenTag Level A certification, Declare label and a certified Environmental Product Declaration. DriTherm® Masonry batt has low VOC and benefits from ECOSE® Technology.

Warranty

DriTherm® Masonry batt 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 batt 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 batt 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 batt is packaged in a strong, white poly film that offers excellent protection from abuse, dust and moisture.
- DriTherm® Masonry batt 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.



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

Knauf Insulation Ltd

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