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Certificate Holder:



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Certificate number: CM40382

THIS IS TO CERTIFY THAT

Plasmite™ Termite Film HE

Type and/or use of product:

Termite management system.

Description of product:

Plasmite™ Termite Film HE is a Polyethylene membrane treated with 1g/kg of Bifenthrin Termiticide for control of Termites in structures

COMPLIES WITH THE FOLLOWING BCA PROVISIONS AND STATE OR TERRITORY VARIATION(S)

BCA 2022

	Volume One	Volume Two
Performance Requirement(s):	Not Applicable	Not Applicable
Deemed-to-Satisfy Provision(s):	B1D4(i) Termite Risk Management	H1D3(3) Site preparation - termite risk management
State or territory variation(s):	NT B1D4	QLD H1D3

SUBJECT TO THE FOLLOWING LIMITATIONS AND CONDITIONS AND THE PRODUCT TECHNICAL DATA IN APPENDIX A AND EVALUATION STATEMENTS IN APPENDIX B

Limitations and conditions:

- The Plasmite™ Termite Film HE must be installed by a Licenced pest control operator in accordance with [Plasmite™ Termite Film HE Installation Manual Accreditation Course Manual Version 2 July 2023](#) and any relevant state and territory regulations.
- Concrete slabs on ground must be constructed in accordance with AS 2870-2011 and/or AS 3600:2018 as applicable.
- The Plasmite™ Termite Film HE is to be installed under slabs and in between construction materials and not exposed to direct/indirect sunlight.
- A durable notice installed in a prominent location(s) to the building, such as the meter box or the like as specified in B1D4(i)(ii), including NT variation of BCA Volume 1 & Part 3.4.3 of the ABCB Housing Provisions.
- Inspections must be undertaken in accordance with recommendations as outlined in AS 3660.2-2017 or AS 4349.3-2010.
- The use of the certified product/system is subject to these Limitations and Conditions and must be read in conjunction with the Scope of Certification below.

Building classification/s:

Classes 1,2,3,4,5,6,7,8,9 & 10

Scope of certification: The CodeMark Scheme is a building product certification scheme. The rules of the Scheme are available at the ABCB website www.abcb.gov.au. This Certificate of Conformity is to confirm that the relevant requirements of the Building Code of Australia (BCA) as claimed against have been met. The responsibility for the product performance and its fitness for the intended use remain with the Certificate Holder. The certification is not transferrable to a manufacturer not listed on Appendix A of this certificate.

Only criteria as identified within this Certificate of Conformity can be used for CodeMark certification claims. Where other claims are made in a client's Installation Manual, Website or other documents that are outside the criteria on this Certificate of Conformity, such criteria cannot be used or claimed to meet the requirements of this CodeMark certification.


Richard Donarski – CMI


Don Grehan – Unrestricted Building Certifier

Date of issue: 20/03/2024

Date of expiry: 20/03/2027





Certificate of Conformity

The NCC defines a Performance Solution as one that complies with the Performance Requirements by means other than a Deemed-to-Satisfy Solution. A Building Solution that relies on a CodeMark Certificate of Conformity that certifies a product against the Performance Requirements cannot be considered as Deemed-to-Satisfy Solution.

This Certificate of Conformity may only relate to a part of a Performance Solution. In these circumstances other evidence of suitability is needed to demonstrate that the relevant Performance Requirements have been met. The relevant provisions of the Governing Requirements in Part A of the NCC will also need to be satisfied.

This Certificate of Conformity is issued based on the evidence of compliance as detailed herein. Any deviation from the specifications contained in this Certificate of Conformity is outside of this document's scope and the installation of the certified product will not be covered by this Certificate of Conformity.

Disclaimer: The Scheme Owner, Scheme Administrator and Scheme Accreditation Body do not make any representations, warranties or guarantees, and accept no legal liability whatsoever arising from or connected to, the accuracy, reliability, currency or completeness of any material contained within this certificate; and the Scheme Owner, Scheme Administrator and Scheme Accreditation Body disclaim to the extent permitted by law, all liability (including negligence) for claims of losses, expenses, damages and costs arising as a result of the use of the product(s) referred to in this certificate.

When using the CodeMark logo in relation to or on the product/system, the Certificate Holder makes a declaration of compliance with the Scope of Certification and confirms that the product is identical to the product certified herein. In issuing this Certificate of Conformity, CMI Certification Pty Ltd (CMI) has relied on the experience and expertise of external bodies (laboratories and technical experts).

Nothing in this document should be construed as a warranty or guarantee by CMI, and the only applicable warranties will be those provided by the Certificate Holder.

APPENDIX A – PRODUCT TECHNICAL DATA

A1 Type and intended use of product

As per page 1.

A2 Description of product

The Plasmite™ Termite Film HE Installation Components:

- ROLL SIZES: 100m x 200mm, 100m x 250mm, 100m x 300mm, 50m x 300mm, 100m x 1m, 50m x 4m.

A3 Product specification

The Plasmite™ Termite Film HE is a Polyethylene membrane 0.2mm thick film containing 1g/kg of Bifenthrin which is a Group 3A insecticide.

The product is registered with the APVMA under approval No. 90729.

A4 Manufacturer and manufacturing plant(s)

This field is optional. Contact the Certificate Holder for details.

A5 Installation requirements

The Plasmite™ Termite Film HE must be installed by a Licenced pest control operator in accordance with [Plasmite™ Termite Film HE Installation Manual Accreditation Course Manual Version 2 July 2023](#) and any relevant state and territory regulations.

The following components listed below do not provide any termite protection and are only for installation fixing components etc used while concrete, bricks are setting.

- 3M Performance Plus duct tape for sealing overlaps in termite blanket application.
- Termseal Sealant, Greenzone Sealant or Novithor Sealant to seal Plasmite™ Termite Film onto substrates and overlaps of Plasmite™ Termite Film.
- Plasmite™ Termite Film HE Epoxy Kit to seal Plasmite™ Termite Film onto substrates and overlaps of Plasmite™ Termite Film.
- 3M High Tact Multipurpose Adhesive for sealing overlaps and adhesion to substrates, particularly retainer walls to hold in place.
- Panduit cable ties for collar installations.
- Plasmite™ Termite Film HE grips strip for sill tile adhesion for doorway installations.
- Multi-Purpose Termseal or Greenzone Termite Resistant Membrane Paint/Sealer.

A6 Other relevant technical data

The Plasmite™ Termite Film HE system has been designed to achieve a design life of 50 years during which the constitute components are expected to maintain an efficacy and in commination function as an effective termite management system as detailed in AS 3660.1:2014.

The active chemical component Bifenthrin has been impregnated into the Polyethylene material.

The Plasmite™ Termite Film HE can be used in pre-construction, new and existing building/renovations.

APPENDIX B – EVALUATION STATEMENTS

B1 Evaluation methods

1. Termite Management Provisions A5G3(1)(d)&(e). A report issued by an Accredited Testing Laboratory and a report issued by an appropriately qualified person.

B2 Reports

1. Raydiate Pty Ltd; Anthony Anderson; Assessment Report – Subject: Plasmite Termite Film HE (PTFHE); Dated 18/08/2023. This report demonstrates that Plasmite Termite Film HE compliant with the requirements of AS 3660.1 2014 and compliance with B1D4(i) where a primary building element is subject to attack by subterranean termites; and compliance with H1D3(3) where Part 3.4 of the ABCB Housing Provisions requires a termite management system must comply with AS 3660.1.
2. ACS Laboratories Australia; NATA Accreditation No. 16973; Certificate of Analysis; Dated 16/11/2022. This certificate demonstrates the Bifenthrin (g/kg) content of the Plasmite Termite Film HE as a chemically treated material in accordance with AS 3660.1 2014 and compliance with B1D4(i) & H1D3(3).
3. ACS Laboratories Australia; NATA Accreditation No. 16973; Certificate of Analysis; Dated 14/12/2023. This certificate demonstrates the Bifenthrin (g/kg) content of the Plasmite Termite Film HE as a chemically treated material in accordance with AS 3660.1 2014 and compliance with B1D4(i) & H1D3(3).
4. LTD(Consultant) Services; Christopher Langley; RE; Plasmite™ Termite Film HE Certification of (QLD) 50 years Design Life; Dated 27/03/2023. Christopher Langley provides a report that confirms the 50 year design life for compliance with the QLD H1D3 where it is required to satisfy the Performance Requirement QLD H1P3.
5. Australian Pesticides and Veterinary Medicines Authority Registration; Product Number 90729; Dated 22/11/2021. This report confirms the registration of a Group 3A insecticide with the appropriate authority's pesticides register and complies with B1D4(i) & H1D3(3).

The Certificate Holder has chosen not to make the above evidence of compliance publicly available, due to the documents being considered commercial in confidence.