

Certificate number: CM40256 Rev2

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THIS IS TO CERTIFY THAT

SMARTFILM Termite Protection

Type and/or use of product:

A termite management system used to deter concealed subterranean termite entry into buildings.

Description of product:

SMARTFILM Termite Protection consists of an inner core layer that is impregnated with deltamethrin and laminated top and bottom with a LDPE plastic membrane.

COMPLIES WITH THE FOLLOWING BCA PROVISIONS AND STATE OR TERRITORY VARIATION(S) BCA 2019 (Amdt. 1)

	Volume One	Volume Two
Performance Requirement(s):	Not Applicable	Not Applicable
Deemed-to-Satisfy Provision(s):	B1.4(i) Termite Risk Management F1.9(b)(ii) Damp-proofing – Subject to <i>Limitation and Condition 9</i>	3.1.4.3(b)(i)(ii) Termite Management Systems 3.3.5.7(e) Damp-proof course and flashings – material – subject to <i>Limitation and Condition 9</i>
State or territory variation(s):	NT B1.4(i)	QLD 3.1.4.3(b)(i)(ii)

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

Limitations and conditions:

- Only to be installed by persons accredited by the manufacturer and appropriately licensed in the relevant State or Territory.
- SMARTFILM Termite Protection, must have the required inspection zones as outlined in the product technical manual (listed below).
- Inspections must be undertaken annually as outlined in the [SMARTFILM Termite Protection Technical Manual TPM 8.02a 09.21](#) to assist with identifying any activity that may result in the bridging or breaching of the system.
- A durable notice must be installed in accordance with BCA Volume One 2019 Amdt 1: B1.4(i)(ii), & BCA Volume Two 2019: 3.1.4.4, including State variations.
- 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.

Building classification/s:

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


 Richard Donarski - CMI


 Don Grehan – Unrestricted Building Certifier

Date of issue: 16/01/2023

Date of expiry: 25/01/2025



Certificate of Conformity

6. This Certificate is issued based on the evidence of compliance as detailed herein. Any deviation from the specifications contained in this Certificate is outside of this document's scope and the installation of the certified product/system will not be covered by this CodeMark certification. This may result in the product being classified as a non-conforming building product/system.
7. 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.
8. The installation of any termite management system cannot guarantee 100% protection against infestation by subterranean termites. Thus, the installation of a system does not negate the need for regular competent inspections. Any additions, alterations, or earth works, including gardening adjacent to the building, may render the system ineffective. Such activity should be referred to a licensed installation contractor for appropriate advice and treatment.
9. When SMARTFILM Termite Protection is used as a damp-proof course or flashing, it must be continuous through the wall or pier with no penetration of the material.
10. Any additional treatment should be done in accordance with the relevant State or Territory regulations.

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.

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.



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APPENDIX A – PRODUCT TECHNICAL DATA

A1 Type and intended use of product

As per page 1.

A2 Description of product

As per page 1.

A3 Product specification

SMARTFILM Sheet: 50m +/- 500mm x 0.80-0.95mm thick sheet consisting of an inner core layer that is impregnated with 1g deltamethrin per square metre and laminated upper blue layer and bottom yellow layer LDPE plastic membrane. Supplied in the following roll widths:

- 1500mm +/- 20mm
- 600mm +/- 20mm
- 500mm +/- 20mm
- 300mm +/- 20mm
- 350mm +/- 20mm
- 250mm +/- 20mm
- 200mm +/- 20mm
- 150mm +/- 20mm
- 100mm +/- 20mm
- 75mm +/- 20mm

60mm Collars: These are formed from the SMARTFILM Sheets. Each consists of:

- 300mm +/- 10mm square with a 60mm +/- 5mm hole cut in the centre.
- 100mm long tube formed with an internal diameter of 60mm +/- 5mm.

120mm Collars: These are formed from SMARTFILM Sheets. Each consists of:

- 300mm +/- 10mm square with a 120mm +/- 5mm hole cut in the centre.
- 100mm long tube formed with an internal diameter of 120mm +/- 5mm.

Internal Corners: These are formed from SMARTFILM Sheets.

External Corners: These are formed from SMARTFILM Sheets.

Tubes: These are formed from SMARTFILM Sheets. Each consists of:

- 300mm long tube formed with an internal diameter of 60mm +/- 5mm.

Patches: These are formed from SMARTFILM Sheets.

Adhesive Spray: TRITHOR MAXX Termiticidal Contact Adhesive Spray containing 1.3g/kg Bifenthrin.

If unavailable:

3M Multi-purpose Adhesive, 3M Super 77 Spray Adhesive, or 3M Foam Fast 74 Spray Adhesive are acceptable alternatives.

If these are also unavailable:

Garrards Pre-Con 10 Termite Barrier Adhesive.



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A4 Manufacturer and manufacturing plant(s)

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

A5 Installation requirements

The SMARTFILM Termite Protection system must be installed in accordance with the [SMARTFILM Termite Protection Technical Manual TPM 8.02a 09.21](#).

When used in conjunction with a concrete slab, the slab must be constructed in accordance with the requirements of AS 2870-2011 Residential slabs and footings or AS 3600-2018 Concrete Structures (Amendment No.1 and No.2).

A6 Other relevant technical data

No other relevant technical data.

APPENDIX B – EVALUATION STATEMENTS

B1 Evaluation methods

1. Termite Management Provisions – A5.2(1)(e). Reports from a professional engineer or other appropriately qualified persons.

B2 Reports

1. Australian Pesticides and Veterinary Management Authority (APVMA). Approval 61650 & 82052.
2. Australian Timber & Pest Research Pty Ltd; SMARTFILM Compliance with NCC Statement; Compliance with NCC Volume 1 Clause B1.4(i) & NT B1.4(i), F1.9(b)(ii), & NCC Volume 2 Clause 3.1.4.3(b)(i)(ii) & QLD 3.1.4.3(b)(i)(ii), 3.3.5.7(e); Dated 20/04/2022.
3. Consulting New South Wales; University of New South Wales; Opinion on Inspection Zones.

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