



# Certificate of Conformity

Certificate number: CM40256

**Certification Body:**

  
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**Certificate Holder:**

Ensystem Australasia  
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**THIS 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; top (green) and bottom (white). Refer A5.2.

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

**BCA 2016**

	Volume One (Amdt. 1)	Volume Two
<b>Performance Requirement(s)</b>	Not Applicable	Not Applicable
<b>Deemed-to-Satisfy Provision(s):</b>	B1.4(i) Termite Risk Management – Where a primary building element is subject to attack by subterranean Termites.	3.1.3.3 Termite Management Systems (b)(i)&(ii)
<b>State or territory variation(s):</b>	NT B1.4(i)	QLD 3.1.3.3

**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 licenced in the relevant State or Territory.
- Footings and Slabs must be constructed in accordance with the requirements of AS 2870-2011 or AS 3600:2009 - Concrete Structures including amendments.
- SMARTFILM Termite Protection must have the required inspection zones as outlined in the respective product technical manuals (listed below).
- Inspections must be undertaken annually as outlined in the [SMARTFILM Termite Protection Technical Manual \(Version TPM 7.02.01.19\)](#) as appropriate to assist with identifying any termite activity that may result in the bridging or breaching of the system.
- SMARTFILM Termite Protection must be installed with the green layer on top (upwards).

**Building classification/s:**

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

  
John Thorpe - CMI

  
Don Grehan – Unrestricted Building Certifier

**Date of issue:** 29/01/2019

**Date of expiry:** 29/01/2022





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6. A durable notice, installed in accordance with BCA Volume One 2016 (Amdt. 1): B1.4(i)(ii), including NT variation, & BCA Volume Two 2016: 3.1.3.4, including QLD variation, must be affixed in a prominent location(s) to the building.
7. 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.
8. 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.

**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](http://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.

**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.

## APPENDIX A – PRODUCT TECHNICAL DATA

### A1 Type and intended use of product

See type and/or use of product on page 1.

### A2 Description of product

See description of product on page 1.

### A3 Product specification

The product specifications are contained within the following manual - Ensystem Australia Pty Ltd – SMARTFILM Termite Protection Technical Manual (Version – TPM 7.02 01.19).

### A4 Manufacturer and manufacturing plant(s)

Ensystem Australasia Pty Ltd Unit 3, The Junction Estate, 4 - 6 Junction St, Auburn, Sydney NSW 2144.

### A5 Installation requirements

1. The SMARTFILM Termite Protection system must be installed in accordance with the [SMARTFILM Termite Protection Technical Manual \(Version - TPM 7.02.01.19\)](#).
2. The SMARTFILM Termite Protection blanket must be placed with the green layer on top (upwards).
3. The SMARTFILM Termite Protection and must have the required inspection zones as outlined in Ensystem Australia Pty Ltd – SMARTFILM Termite Protection Technical Manual (Version – TPM 7.02 01.19).
4. Service penetrations shall be protected with the or SMARTFILM Collars or SMARTFILM Tubes, as outlined in the Ensystem Australia Pty Ltd – SMARTFILM Termite Protection Technical Manual (Version – TPM 7.02 01.19).
5. 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 3600-2009 Concrete Structures (Amendment No.1 and No.2).

### A6 Other relevant technical data

1. 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.
2. The use of this product as a vapour barrier or damp proof course is outside the scope of this assessment and has not been considered.
3. Any additional treatment should be done in accordance with the relevant State or Territory regulations.

## APPENDIX B – EVALUATION STATEMENTS

### B1 Evaluation methods

CMI has followed the following procedures for certifying the SMARTFILM Termite Protection:

- Testing and assessment of the SMARTFILM Termite Protection;
- Assessing a quality plan for the SMARTFILM Termite Protection that conforms to ISO 10005 and the CodeMark scheme rules;
- By reviewing testing of samples supplied to ascertain whether or not the product meets the performance requirements specified on this certificate; and
- Conducting site audits of the factory to verify compliance of the SMARTFILM Termite Protection.

### B2 Reports

1. Australian Pesticides and Veterinary Management Authority (APVMA) – Labels for the SMARTFILM Termite Protection: APVMA Approval Number 61650; Dated 17 February 2016.
2. PGR International Pty Ltd – Third Progress Report on the Long-term Stability Testing of TRITHOR Termite Protection Blanket Samples’ Report No. PGR 0567-A, Version 6; Dated February 20th, 2008.
3. Ensystem Australia – Trithor Termite Protection– Material Safety Data Sheet; Dated August 2006.
4. New South Global, The University of New South Wales – TRITHOR Total Termite Protection for Ensystem Australia, Report No. J069121; Dated 27th November 2006.
5. PGR Australia Pty Ltd – Stability Data for the TRITHOR Termiticide Protection Blanket based on the Termiticide Deltamethrin; Project No. PGR 304; Dated March 30th, 2005.

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