



# Certificate of Conformity

Certificate number: CM20008

**Certification Body:**



SAI Global Certification Services Pty Limited

(ACN 108 716 669) Trading as "SAI Global"

JAS-ANZ Accreditation No. Z1440295AS

Address: 680 George Street, Sydney, NSW 2000

Website: www.saiglobal.com

**Certificate Holder:**



Ensystex Australasia Pty Ltd

ABN: 53 102 221 965

Unit 3 The Junction Estate,  
4 - 6 Junction Street Auburn NSW 2144

Ph: 13 35 36  
www.ensystex.com.au

**THIS TO CERTIFY THAT**

## TRITHOR , SMARTFILM and Flickguard Termite Protection System(s)

**Type and/or use of product:**

To deter concealed subterranean termite entry into buildings, by way of a system comprising a physical barrier containing a chemical compound in a non-soil matrix.

**Description of product:**

TRITHOR Termite Protection consists of an inner core layer that is impregnated with Deltamethrin and laminated top and bottom with a LDPE plastic membrane; top (blue) and bottom (yellow).

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).

Flickguard 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 (red).

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

**BCA 2016**

	Volume One	Volume Two
<b>Performance Requirement(s)</b>	BP1.1(a), (b) (xv) BP1.2	P2.1.1(a), (b)(xv)
<b>Deemed-to-Satisfy Provision(s):</b>	Not applicable	Not applicable
<b>State or territory variation(s):</b>	Nil	QLD P2.1.3

**Date of issue: 29/03/2017**

**Date of expiry: 12/01/2020**

Nicole Grantham – General Manager SAI Global Certification Services

Paul Bailey – Unrestricted Building Certifier





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

**Limitations and conditions:**

1. The Clauses of the BCA listed above are limited only to the actions by termites
2. The TRITHOR Termite Protection system, SMARTFILM Termite Protection system and the Flickguard Termite Protection system are to be installed by Authorised Operators trained and licensed by Ensystem Australia Pty Ltd.
3. The TRITHOR Termite Protection system is to be installed in accordance with the TRITHOR Termite Protection Technical Manual (Version - TPM 7.01.02.17).
4. The SMARTFILM Termite Protection system is to be installed in accordance with the SMARTFILM Termite Protection Technical Manual (Version - TPM 7.01.02.17).
5. The Flickguard Termite Protection system is to be installed in accordance with the Flickguard Technical Manual (Version - TPM 7.01.02.17).
6. The TRITHOR Termite Protection blanket is to be placed with the blue layer on top (upwards).
7. The SMARTFILM Termite Protection blanket is to be placed with the green layer on top (upwards).
8. The Flickguard Termite Protection blanket is to be placed with the green layer on top (upwards).
9. TRITHOR Termite Protection, SMARTFILM Termite Protection and Flickguard Termite Protection must have the required inspection zones as outlined in the respective product technical manuals (listed below).
10. Service penetrations are to be protected with either TRITHOR Collars or TRITHOR Tubes, or SMARTFILM Collars or SMARTFILM Tubes, or Flickguard Collars or Flickguard Tubes as outlined in the respective manuals.
11. 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).
12. Inspections are undertaken annually as outlined in the TRITHOR Termite Protection Technical Manual, SMARTFILM Termite Protection Technical Manual or the Flickguard Technical Manual as appropriate to assist with identifying any termite activity that may result in the bridging or breaching of the system.

**Notes:**

- I. 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.
- II. Any additional treatment should be done in accordance with the relevant State or Territory regulations.

**Building classification/s:**

Class 2 to Class 9 buildings and  
Class 1 and Class 10 buildings

**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.



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**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.



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## APPENDIX A – PRODUCT TECHNICAL DATA

### A1 Type and intended use of product

Refer to Page 1 of this certificate

### A2 Description of product

Refer to Page 1 of this certificate.

### A3 Product specification

The product specifications are contained within the following manuals;

1. Ensystemex Australia Pty Ltd – TRITHOR Termite Protection Technical Manual (Version - TPM 7.01 02.17)
2. Ensystemex Australia Pty Ltd – SMARTFILM Termite Protection Technical Manual (Version – TPM 7.01 02.17)
3. Ensystemex Australia Pty Ltd – Flickguard Technical Manual (Version - TPM 7.01 02.17)

### A4 Manufacturer

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

### A5 Installation requirements

Refer to Page 1 of this certificate and the following;

The components for the installation of the system are detailed in the TRITHOR Termite Protection Technical Manual, the SMARTFILM Termite Protection Technical Manual and the Flickguard Technical Manual.

Installers licensed by Ensystemex Australia Pty Ltd install the system and follow the installation instructions contained in the respective manuals by Ensystemex Australia Pty Ltd. The TRITHOR Termite Protection, the SMARTFILM Termite Protection and Flickguard Termite Protection can be used in the following situations and others as outlined in the respective manuals:

- Complete underslab treatment.



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- Around service pipes and penetrations in a concrete slab.
- At construction joints.
- Across perimeter cavities.

## A6 Other relevant technical data

1. Ensystem Australia Pty Ltd – TRITHOR Termite Protection Technical Manual (Version - TPM 7.01 02.17)
2. Ensystem Australia Pty Ltd – SMARTFILM Termite Protection Technical Manual (Version – TPM 7.01 02.17)
3. Ensystem Australia Pty Ltd – Flickguard Technical Manual (Version - TPM 7.01 02.17)
4. Ensystem Australia Pty Ltd - Compliance of TRITHOR Termite Protection with Clause P2.1.1 of the Building Code of Australia 2016 E-Label application from APVMA 17/11/2015 Approval number 59139/104115.



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## APPENDIX B – EVALUATION STATEMENTS

### B1 Evaluation methods

SAI Global CODEMARK Recertification Evaluation Report dated 17/02/2017, Re-Certification / Surveillance audit for Ensystem Australasia Pty Ltd: dated 25/10/2016 and Site inspections dated 20/02/2017 which include assessments of the following;

- a) The Manufacturing details
- b) Operating and Maintenance procedures and
- c) The installation procedures

### B2 Reports

1. Australian Pesticides and Veterinary Management Authority (APVMA) – Labels for the TRITHOR Termite Protection: APVMA Approved Label 56178. NRA Number 59139.
2. Australian Pesticides and Veterinary Management Authority (APVMA) – Labels for the SMARTFILM Termite Protection: APVMA Approved Label 0607. NRA Number 61650.
3. Australian Pesticides and Veterinary Management Authority (APVMA) – Approval for Flickguard: APVMA Approved No. 59139/104115.
4. PGR International Pty Ltd – Third Progress Report on the Long-term Stability Testing of TRITHOR Termite Protection Blanket Samples, Report No. PGR0567-A, Version 4 (December 10th 2007)
5. Ensystem Australia-TRITHOR Termite Protection– Safety Data Sheet (February 2016)
6. New South Global, The University of New South Wales – TRITHOR Total Termite Protection for Ensystem Australia, Report No. J069121 (27th November 2006)
7. PGR Australia Pty Ltd –Stability Data for the TRITHOR Termiticide Protection Blanket based on the Termiticide Deltamethrin (APVMA APP Number 58723), Project No. PGR 304 (March 30th 2005)
8. Report on field tests with the Deltamethrin-impregnated blanket as a barrier against Australian subterranean termites” (CSIRO Termite Group Report 98/18)