



Certificate of Conformity

Certification Body:



SAI Global Certification Services Pty Limited
(ACN 108 716 669) Trading as "SAI Global"

JAS-ANZ Accreditation No. Z1440295AS

Address: 680 George St, Sydney, NSW 2000

Website: www.saiglobal.com

Certificate Holder:



JH Envirtech Pty Ltd

ABN: 36 163 906 241

Suite 40, L2, No,89-97 Jones St, Ultimo NSW, 2007

Phone: 02 9564 2199,

www.jhenvirtech.com.au

Certificate number: CM20096

THIS TO CERTIFY THAT

JH Termite Barrier

Type and/or use of product:

A termite management system to deter concealed subterranean termite entry into buildings, comprising of a physical barrier containing a chemical compound in a non-soil matrix. It may also be used as a damp proof course (DPC) to prevent moisture from the ground entering into a building.

Description of product:

- JH Termite Barrier Fibre Blanket with Deltamethrin incorporated and laminated to LDPE on both sides. Used in full under slab termite management installations and in perimeter (cavity) termite management installations and critical joints.
- JH Termite Barrier Collars and Tubes, Fibre blanket with Deltamethrin incorporated, laminated to LDPE on both sides and formed into collar shape. Used as a termite management system for penetrations.

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

BCA 2019

	Volume One		Volume Two	
Performance Requirement(s)	BP1.1(a), limited to (b)(xv)	Structural Provisions – Structural Reliability (limited to termite actions)	P2.1.1(a), limited to (b)(xv)	Structure – Structural Stability and Resistance (limited to termite actions)
Deemed-to-Satisfy Provision(s):	F1.9(b)(i)	Damp and Weatherproofing – Damp-proofing	3.3.5.7(a)	Masonry Veneer – Damp-proof course and Flashings - Material
State or territory variation(s):	SA F1.9(b)	Damp and Weatherproofing – Damp-proofing	QLD P2.1.3(a)	Termite management systems – Termite management system

SAI Global Certification Services

Frank Camasta
Global Head of Technical Services
SAI Global Assurance

Quintin Kleyn – Unrestricted Building Certifier

Date of issue: 21/01/2021

Date of expiry: 20/01/2024



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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. JH Termite Barrier Fibre Blanket must be installed in accordance with the “JH Termite Barrier (TB) Installation Manual, version – JHTBM 1.20.01.2021”.
2. JH Termite Barrier Collars and Tubes must be installed on service pipe penetrations in accordance with the “JH Termite Barrier (TB) Installation Manual, version – JHTBM 1.20.01.2021”.
3. The JH Termite Barrier system is to be installed by JH Termite Barrier authorised operators trained by a JH Termite Barrier Accredited trainer and registered with JH Envirtech Pty Ltd.
4. Inspections are undertaken annually in accordance with the “JH Termite Barrier (TB) Installation Manual, version – JHTBM 1.20.01.2021” to determine that no bridging or breaching of the termite management system has occurred.
5. When used as a damp-proof course (DPC), the JH Envirtech Barrier must be located to ensure the required clearances above the external surrounding surfaces are achieved.
6. Concrete slabs must be constructed in accordance with the requirements of AS 2870:2011 – Residential slabs and footings or AS 3600:2018 Concrete structures.

Notes:

- The installation of any termite management system cannot guarantee protection against infestation by subterranean termites. Thus, the installation of a termite management 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.
- Any additional treatment should be done in accordance with the relevant State or Territory regulations.

Building classification/s:

Volume 1 – Class 2 to Class 9 buildings

Volume 2 – Class 1 and Class 10a 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. 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

Refer to Page 1 of this certificate.

A2 Description of product

Refer to Page 1 of this certificate.

A3 Product specification

The product(s) specifications are contained within the following manual(s):

- JH Termite Barrier (TB) Installation Manual (Version – JHTBM 1.20.01.2021).

A4 Manufacturer and manufacturing plant(s)

JH Envirtech Pty Ltd – Suit 40, L2, No 89-97 Jones St Ultimo, NSW, 2007.

Yixing Geotexor Eco-Material Co Ltd.

A5 Installation requirements

Refer to Page 2 of this certificate and the following;

1. JH Termite Barrier (TB) Installation Manual (Version – JHTBM 1.20.01.2021).

A6 Other relevant technical data

- None

APPENDIX B – EVALUATION STATEMENTS

B1 Evaluation methods

The system has been assessed as complying with the identified Performance Requirements of the BCA 2019. This involved a review of product specifications, test reports, installation manuals, and associated documentation.

1. Termite resistance assessment:
 - a) A2.3(2)(a) / A5.2(1)(e) - A certificate or report from a professional engineer or other appropriately qualified person. – Further Research and Consulting & PGR International
 - b) A2.3(2)(a) / A5.2(1)(f) – Another form of documentary evidence. - Australian Pesticides and Veterinary Medicines Authority (APVMA)
2. Rising damp assessment:
 - a) A2.3(2)(a) / A5.2(1)(e) - A certificate or report from a professional engineer or other appropriately qualified person – CSIRO

B2 Reports

Evaluation methods	Related Reports
Termite resistance assessment	1, 2, 3, 4
Rising Damp assessment	5

1. **Australian Pesticides and Veterinary Medicines Authority (APVMA) – Product Registration – JH Termite Barrier, Product No. 80846.** (Status - Registered 01/07/2020). *JH Envirtech Pty Ltd formerly Jinhong Australia Pty Ltd. APVMA registration of a chemical product and approval and specifies the active constituents, chemical groups, type and amount (Deltamethrin). Label No. 101770*
2. **Australian Pesticides and Veterinary Medicines Authority (APVMA) – Label for JH Termite Barrier, APVMA Approval No. 80846/101770.** *JH Envirtech Pty Ltd formerly Jinhong Australia Pty Ltd. APVMA notice and registration of approved label. Specifies the active constituents, chemical groups, type and amount (Deltamethrin).*
3. **Further Research and Consulting – Field trial to test JH Termite Barrier (2g/kg Deltamethrin) against various subterranean termite species in tropical Australia - Study No. JHA06/19** (dated 19 July 2019). *This study is to investigate the effectiveness of the JH Termite Barrier against various subterranean termite species in tropical Australia to provide data for the long-term residual life of the product. This report is the results after 4 years. This reports concludes that the results indicate the active ingredients in the JH termite barrier product is working to repel termites and protect the timbers inside from damage long term.*
4. **PGR international Pty Ltd. – Letter of confirmation on the long-term stability testing** (dated 5th March 2015). *This documents confirms the testing and results of the estimated long-term stability of the deltamethrin active within the Jinhong Termite Protection Barrier product (APVMA approval No. 69617). The report concludes that the results of testing (PGR international – Final report on the long-term stability testing of Jinhong Termite Protection Barrier – APVMA approval No. 69617 - PGR test report No. – PGR 0711-1) indicate that the Jinhong Termite Protection Barrier product to be efficacious against termite attack for up to 50 years after installation.*
5. **CSIRO – Infrastructure Technologies. Test Report No. 7257** (dated 13 May 2015). *This report provides the testing results of the properties of the Jinhong TPB (Termite Protection Barrier) as they relate to its use as a damp proof course (DPC), in accordance with AS 4347:1995 Damp Proof Course and Flashing.*