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Certificate Holder:



TERMSEAL
AUSTRALIA PTY LTD
ABN: 92104603983
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John Thorpe - CMI



Don Grehan – Unrestricted Building Certifier

Date of issue: 19/09/2019

Date of expiry: 16/05/2022



Certificate number: CM40277 Rev1

THIS IS TO CERTIFY THAT

TERMITE-PRO Perimeter Retreatment System

Type and/or use of product:

Termite Management System.

Description of product:

TERMITE-PRO Perimeter Retreatment System is a Reticulated Chemical Delivery System to deter undetected entry of subterranean termites into the Building or Structure as described in AS 3660.1:2014, Section 7.5.1.

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

BCA 2019

	Volume One	Volume Two
Performance Requirement(s):	Not Applicable	Not Applicable
Deemed-to-Satisfy Provision(s):	B1.4(i) Termite Risk Management	3.1.4.3(b)(i)&(ii) Termite management systems
State or territory variation(s):	NT B1.4(i)	Qld 3.1.4.3

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

Limitations and conditions:

- The TERMITE-PRO Perimeter Retreatment System is only to be installed by a licenced Pest Control Operator in accordance with relevant state and territory regulations and TERMITE-PRO Perimeter Retreatment System Installation Manual April 2019 V3.
- The TERMITE-PRO Perimeter Retreatment System can be used to protect against the species *Mastotermes darwiniensis* provided that the concentration of the Termiticide is increased in accordance with the Termiticide and Insecticide Label recommendations.
- Concrete slabs on ground must be constructed in accordance with AS 2870-2011 and/or AS 3600:2018 as applicable.
- The sand/soil used for the TERMITE-PRO Perimeter Retreatment System must be suitably absorbent and meet the following criteria, 95-100% passage 6.7µm and 0-10% passing 75µm. The sieve size complying with AS 1152-1993.
- In Queensland, any external reticulation system must have an advisory sign fixed no greater than 10.0m maximum apart on each elevation in lieu of a 300mm wide by 50mm thick concrete protective strip.
- In accordance with BCA Volume One 2019 B1.4(i)(ii), including NT variations and BCA Volume Two 2019: Part 3.1.4.3(b)(i)&(ii), including Qld state variations, a durable notice must be permanently fixed to the building in a prominent location, such as a meter box or the like indicating:
 - The method of termite risk management; and
 - The date of installation of the systems; and
- The installers or manufacturers recommendations for the scope and frequency of future inspections for termite activity.

Building classification/s:

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

Certificate of Conformity

8. 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.

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.

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. This may result in the product being classified as a non-conforming building product.

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, CertMark International 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

TERMITE-PRO Perimeter Retreatment System is made up of the following products:

Emitter Pipe – Code
TPRS12134

The key component of the system is the Emitter Pipe. The maximum length of pipe run is 35m.



The Pipe Elbow (90°) - Code
TPRS12135

The thickness of the pipe means it will not bend to go around corners, a 90° Elbow is available for corners. Ratchet Clamps are required to secure the pipe.



The Pipe Joiner - Code
TPRS12136

Pieces of pipe that need to be joined together can be done so with a Joiner fitting.



Valve Box Labels – Code
TPRS12142

Labels are to be attached to the Stand Pipes within the Valve Box to denote the lengths of pipes and any other relevant details. These are used for calculation of Termiticide required for future pump ups.

No picture available

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Ratchet Clamps - Code TPRS12137

Ratchet Clamps are used to tighten up all the connections on the Emitter Pipe so that the connections cannot blow apart when the system is put under pressure during charging or recharging.



End Plugs - Code TPRS12138

End Plugs are used at the ends of the Emitter Pipe run. Used to prevent the Termiticide from flowing freely from the end of the pipe thus keeping the Emitter Pipe under pressure. Fit a Ratchet Clamp, once the pipe is pushed over the barb, to the ring on the fitting.



Valve Boxes – Code TPRS12139

A Valve Box is mandatory to protect your re-charge Stand Pipe. A Valve Box also makes maintenance easy, you can find the valves much easier and access is clear.



Stand Pipe Kit – Code TPRS12140

The connection between the Emitter Pipe and your Pump Hose is made of a set of fittings which we have designed to minimize the disruption in flow between your pump and the Emitter Pipe.

The Stand Pipe Kit is supplied assembled and consists of:

1. 25mm Cam-Lock Dust Cap to prevent dirt, vegetation, insects and other foreign object entering the Emitter Pipe between re-charges;
2. 25mm Female Cam-Lock Bayonet Fitting – for connection to the Pump Hose;
3. 150mm x 25mm diameter Pipe with 2 Ratchet Clamps;
4. 25mm Elbow; and
5. 13mm Bayonet/25mm Threaded Fitting for connection to the Emitter Pipe with one Ratchet Clamp (the 13mm clamp will be fitted once the Emitter Pipe is attached to this fitting at the job site).



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A3 Product specification

TERMITE-PRO Perimeter Retreatment System is designed to deliver any approved chemical for the use of hand application of termite barriers or Reticulation/Recharge Systems by the Australian Pesticides and Veterinary Medicines Authority (APVMA). To comply with AS 3660.1:2014 and AS 3660.2:2017, the treatments must be applied as per the manufacturers chemical label.

A4 Manufacturer and manufacturing plant(s)

TERMSEAL AUSTRALIA PTY LTD
195 Robinson Rd
Geebung QLD 4034
Australia.

A5 Installation requirements

The TERMITE-PRO Perimeter Retreatment System is only to be installed by a licenced Pest Control Operator in accordance with relevant state and territory regulations and [TERMITE-PRO Perimeter Retreatment System Installation Manual April 2019 V3](#).

A6 Other relevant technical data

No other relevant technical information.

APPENDIX B – EVALUATION STATEMENTS

B1 Evaluation methods

1. Termite Management Provision A.5.2(1)(e). Reports from a professional engineer.

B2 Reports

1. Ecospan Consulting; Technical evaluation of the TERMITE-PRO Perimeter Retreatment System and report on efficacy of system; Dated 08/01/2019.
2. APVMA registration 59269/108187 Biflex® Ultra-Lo-Odour Termiticide & Insecticide; Dated 06/08/2016.

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