

Certificate number: CM40277 Rev2

THIS IS TO CERTIFY THAT

TERMITE-PRO Perimeter Retreatment System

Certification Body:


ABN: 80 111 217 568
JAS-ANZ Accreditation
No. Z4450210AK
PO Box 7144, Sippy
Downs Qld 4556
+61 (07) 5445 2199
www.CertMark.org

Type and/or use of product:

Termite Management System.

Description of product:

TERMITE-PRO Perimeter Retreatment System is a reticulated termiticide delivery System to deter undetected entry of subterranean termites into a Building or Structure.

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

BCA 2019 (Amdt 1)

Volume One

Volume Two

Certificate Holder:



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 & QLD 3.1.4.2 (d)

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 TERMITE-PRO Perimeter Retreatment System is only to be installed by a licenced and accredited Pest Control Operator in accordance with relevant state and territory regulations and [TERMITE-PRO Perimeter Retreatment System Installation Manual V3.2 December 2020](#).
2. 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.
3. Concrete slabs on ground must be constructed in accordance with AS 2870-2011 and/or AS 3600:2018 as applicable.
4. Clay soils are poor absorbers of liquid termiticides. If the TERMITE-PRO Perimeter Retreatment System is to be laid into areas of clay-based soils or soil containing building debris or other waste containments, the soil will require replacement with a sandy loam type.
5. 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.
6. Dual tanks are required, one for Termiticide and one for water, with a capacity usually between 100 and 400 litres.
7. A pump and motor are required. This can be any appropriate system, but an Australia Petrol Fire Fighter HP15-GP160 by Honda is recommended.
8. The connection from the pump outlet and the System pump-up point is direct.
9. A flow meter will help you accurately measure the amount of emulsion put through each line.

Building classification/s:

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

TERMSEAL
AUSTRALIA PTY LTD
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www.termseal.com.au


Richard Donarski – CMI


Don Grehan – Unrestricted Building Certifier

Date of issue: 26/02/2021

Date of expiry: 16/05/2022



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10. The connection between the motor/pump delivery hose and the valve box, requires a stop-cock/ball valve fitting to stop the flow, together with a pressure gauge to monitor the pressure. The pressure should be no more than 40psi (275 kPa); more pressure than this is likely to damage the emitter pipe. The pressure at the pump should not exceed 50psi (345 kPa).
11. The pipe needs to sit close to the footing at a depth of no less than 80mm and no more than 80mm from the perimeter wall of the building with the emitter holes facing up.
12. In Queensland, any external reticulation system must have an advisory sign fixed no greater than 10.0m maximum apart on each elevation and no more than 150mm up the wall from the soil surface in lieu of a 300mm wide by 50mm thick concrete protective strip.
13. 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:
 - a. The method of termite risk management; and
 - b. The date of installation of the systems; and
 - c. Where a chemical is used, its life expectancy as listed on the appropriate authority's register label; and
 - d. The installer's or manufacturer's recommendation for the scope and frequency of future inspection of termite activity.
14. The installers or manufacturers recommendations for the scope and frequency of future inspections for termite activity should be followed.
15. 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.

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. 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

Perimeter Retreatment System is a reticulated delivery System which is designed to utilise a APVMA listed Bifenthrin 100 g/L based termiticide to deter un-detected entry of subterranean termites into the Building or Structure.

A2 Description of product

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

Emitter Pipe	Code TPRS12134	The maximum length of pipe run is 35m.
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.
Pipe Joiner	Code TPRS12136	To join pipe. Ratchet Clamps are required to secure the pipe.
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.
Ratchet Clamps	Code TPRS12137	Used to tighten up all the connections on the Emitter Pipe.
End Plugs	Code TPRS12138	Used at the ends of the Emitter Pipe. 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	Is mandatory to protect your re-charge Stand Pipe. A Valve Box also makes maintenance easy.
Stand Pipe Kit	Code TPRS12140	The connection between the Emitter Pipe and the Pump Hose is made of a set of fittings designed to minimize the disruption in flow between the pump and the Emitter Pipe. The Stand Pipe Kit is supplied assembled and consists of: <ol style="list-style-type: none"> 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. 14mm Bayonet/25mm Threaded Fitting for connection to the Emitter Pipe with one Ratchet Clamp (the 14mm clamp will be fitted once the Emitter Pipe is attached to this fitting at the job site).

A3 Product specification

TERMITE-PRO Perimeter Retreatment System is designed to deliver Australian Pesticides and Veterinary Medicines Authority (APVMA) approved Bifenthrin 100 g/L. To comply with AS 3660.1:2014 and AS 3660.2:2017, the treatments must be applied as per the manufacturers chemical label.



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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 V3.2 December 2020](#). Operators must also complete the Term-Seal accreditation for the system, in order to be an accredited installer.

A6 Other relevant technical data

50 years established via service life predictions in accordance with Section 5 of AS 3660.3:2014

APPENDIX B – EVALUATION STATEMENTS

B1 Evaluation methods

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

B2 Reports

1. Australian Timber & Pest Research Pty Ltd (ATPR); Scott Kleinschmidt; Technical Opinion – Termite-Pro Perimeter Retreatment System; Dated 04/02/2021.
2. Ecospan Consulting; Technical evaluation of the TERMITE-PRO Perimeter Retreatment System and report on efficacy of system; Dated 08/01/2019.

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