




Certificate of Conformity

Certificate number: CM40050 Rev1

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

Certificate Holder:


THE WHITE ANT CO.
The White Ant Co.
ABN: 51 100 706 009
Unit 2, 57-61 Burchill
Street
Loganholme, QLD 4129
Ph: +617 3806 1402
enquiries@thewhiteantco.com.au

THIS IS TO CERTIFY THAT

Premium Flow™

Type and/or use of product:

Subterranean Termite Management System to deter concealed entry by subterranean termites in to a building.

Description of product:

Perimeter under slab and penetrations chemical reticulation system. Refer A2.

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: Where a primary building element is subject to attack by subterranean termites.	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 clauses of the BCA listed herein in are limited to the actions of subterranean termites.
- Only to be installed by a licenced Pest Control Operator duly trained and accredited by The White Ant Co Pty Ltd in accordance with relevant state and territory regulations and [The Premium Flow™ Reticulation Installation Guide, Version May 2019](#).
- A durable notice installed in accordance with BCA Volume One 2019: B1.4 (i)(ii), including NT variation, & BCA Volume Two 2019; Part 3.1.4.4 must be affixed in a prominent location(s) to the building, such as the meter box or the like.
- The sand / soil used for The Premium Flow™ must be suitably absorbent and meet the following criteria, 95-100% passage 6.7mm and 0-10% passing 75um. 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.
- 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.

Building classification/s:

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


John Thorpe, CMI


Don Grehan – Unrestricted Building Certifier

Date of issue: 16/05/2019

Date of expiry: 01/05/2022





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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

Premium flow™ is a reticulation system for treating the soil around the perimeter of a concrete slab and under construction joints as a deterrent against the concealed entry of termites. The system utilizes cylindrical PC low-volume drippers to provide uniform delivery and the soil dispersal of the termiticide is enhanced by the properties of the geotextile sleeve to create an even dispersal mechanism.



The system may incorporate the following components:

Stop End Cap	Barbed Tee
Female Take Off End	16mm Ratch Clip
3/4" Threaded Cap / 20mm Threaded Cap	20mm Threaded Joiner
Delivery Pipe	90° Elbow / Single Pump-Up Point
Barbed Inline Joiner	Inline Joiner
20mm Threaded Elbow	Cover Sleeve
Tee Joiner / Tee Pump-Up Point	Barbed 90° Elbow
Male Take Off End	Barbed Takeoff
Pathway Trap	

Picture Source: *The Premium Flow™ Reticulation Installation Guide Version 1 dated March 2010.*

A3 Product specification

Technical Specifications

- Opening Pressure - 0m head
- Discharge Rate - 20L/m/hr (litre/metre/hour)
- Component Materials:
 - Irrigation pipe: Drip line
 - Geotextile: Polyester composites
- Operating Pressure Range: 0 - 18m head (0 -176kPa)
- Dripper line: ID: 13.90mm - OD: 15.7mm; wall 0.9mm
- Best applications: Level House Slabs
- Maximum perimeter length per pump-up point: 70m (Up to 35m either side of pump-up Tee)
- Suggested depth of installation: 25-50mm below finished soil level
- Connection fittings: Drip line and 16mm Cam-lock fittings
- Premium flow™ will deliver 100L of termiticide to each cubic metre of barrier in less than 10 minutes. Only one pump-up point is required for every 70m of line.



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A4 Manufacturer and manufacturing plant(s)

The White Ant Co.
Unit 2 57-61 Burchill Street,
Loganholme, QLD 4129.

A5 Installation requirements

The system must only be installed by accredited installers duly trained and accredited by The White Ant Co Pty Ltd.

The Premium Flow™ is to be installed in accordance with [The Premium Flow™ Reticulation Installation Guide, Version May 2019](#).

The Premium Flow™ is only to be used with the Termiticide Chemicals listed below and to the manufactures label requirements:

- Premise 200 SC termiticide by Bayer Cropscience Pty Ltd, APVMA product number 49098.
- PCO Bifenthrin 100 SC by AMGROW PTY LTD. APVMA product number 69542/61089.
- PCO Bifenthrin 100 EC By AMGROW PTY LTD. APVMA product number 69541/61088.
- Termidor by BASF. APVMA product number 54624/61733.
- Termidor HE by BASF. APVMA product number 80820/108128.
- Biflex Ultra-lo-odour T & I by FMC Australasia Pty Ltd, APVMA product number 59269.
- Biflex Aquamax Insecticide by FMC Australasia Pty Ltd, APVMA product number 60678.

Annual inspection is to be carried out to ensure there has been no breaching of the system.

A6 Other relevant technical data

No other relevant technical data.

APPENDIX B – EVALUATION STATEMENTS

B1 Evaluation methods

1. Termite Risk Management – A5.2(1)(d)&(e). Reports from Accredited Testing Laboratory and from an appropriately qualified person.

B2 Reports

- a. BASF Termidor He Residual Termiticide APVMA Approval No. 80820 / 108128; Dated 06/06/2017.
- b. Barmac Amgrow APVMA Approval No. 69541; Pest controllers own Bifenthrin 100 Low Odour Termiticide & Insecticide label; Dated March 2016.
- c. Dr John French; Statement of compliance Ecospan Pty Ltd; Subterranean Termite Chemical Barrier System; Dated July 2008.

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