



Certificate of Conformity

Certificate number: CM40050 Rev1

Certification Body:

CertMark
International
ABN: 80 111 217 568
JAS-ANZ Accreditation No.
Z4450210AK
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Certificate Holder:

Protectant
MANAGEMENT
THE WHITE ANT CO.
The White Ant Co
ABN: 51 100 706 009
Unit 2 57-61 Burchill Street
Loganholme, QLD 4129
Ph: 07 3806 1402
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THIS TO CERTIFY THAT
Premium Flow™

Type and/or use of product:

Subterranean Termite Management System used as a Reticulation Anti-Termite Application System.

Description of product:

Perimeter under slab and penetrations chemical reticulation system to deter concealed entry by subterranean termites in to a building.

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

BCA 2016

	Volume One	Volume Two
Performance Requirement(s):	BP1.1 (a) & (b) (xv) Structural reliability limited to Termite Actions BP1.2 Structural resistance limited to termite management system	P2.1.1 (a) & (b) (xv) Structural Stability and Resistance - Limited to Termite Actions
Deemed-to-Satisfy Provision(s):	Not applicable for this product	Not applicable for this product
State or territory variation(s):	Not applicable for this product	P2.1.3 QLD

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 herein in are limited to the actions of subterranean termites.
2. Concrete slabs on ground must be constructed in accordance with AS 2870:2011.
3. 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.
4. 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.
5. The Premium Flow™ is to only be installed by The White Ant Co licensed and/or trained installer.
6. A durable notice installed in accordance with BCA Volume One 2016: B1.4 (i)(ii), including NT variation & BCA Volume Two 2016 3.1.3.4, including QLD variation, must be affixed in a prominent location(s) to the building.

Building classification/s:

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

John Thorpe - CMI

Don Grehan – Unrestricted Building Certifier

Date of issue: 28/9/2017

Date of expiry: 01/05/2019





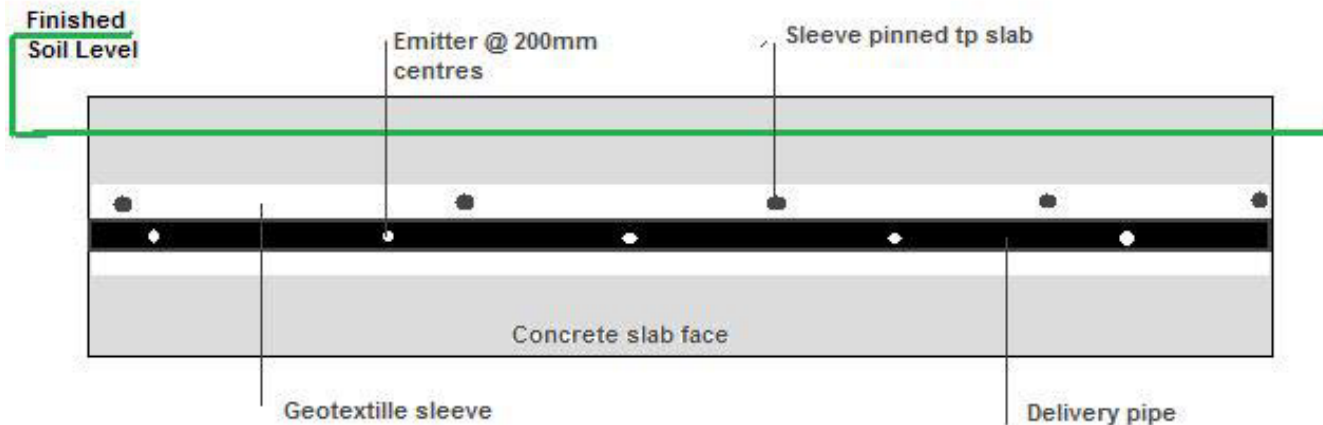
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APPENDIX A – PRODUCT TECHNICAL DATA

A1 Type and intended use of product

As per page one

A2 Description of product



1. 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 State-of-the-art cylindrical PC low-volume drippers to provide uniform calculated delivery and the Soil dispersal of the termiticide is enhanced by the properties of the geotextile sleeve to create an even dispersal mechanism.
2. The chemical barrier is produced by a combination of mass flow in the geotextile which delivers the solution and capillary action in the soil which is responsible for its spread.
3. Premium flow™ is attached to the face edge of a concrete slab and covered with soil with the delivery pipe approximately 30-50mm below the finished surface level.
4. Premium flow™ is placed on a pad of sand under the moisture barrier (plastic sheet) at the line of a construction joint in concrete slabs.
5. This will form a chemical barrier approximately 300mm wide at the construction joint.
6. Premium flow™ is attached to the soil face of a retaining wall and is layered at 200mm centres across the surface of the retaining wall.
7. Premium flow™ will deliver 100litres 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.
8. The co-efficient of uniformity (CU) for the discharge of termiticide from emitters in the drip line is approximately 98%.
9. Premium flow™ is manufactured in Australia from UV stabilised and biologically resistant materials.



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A3 Product specification

Components:

- Premium flow™ – Non PC
- Opening Pressure - 0m head
- Discharge Rate - 20 L/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: 13.90 mm - OD: 15.7 mm; wall 0.9
- 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
- Maintenance requirements: Reinject lines according to chemical manufacturer's specifications.
- Installation method: Nail to vertical side of house slab.
- Connection fittings: Drip line and 16mm Cam-lock fittings

A4 Manufacturer and manufacturing plant(s)

The White Ant Co
Unit 2 57-61 Burchill Street
Loganholme, QLD 4129
Ph: 07 3806 1402

A5 Installation requirements

- a. The Premium Flow™ is to be installed in accordance with [The Premium Flow™ Reticulation Installation Guide Version 1 dated March 2010](#).
- b. 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
- c. Annual inspection is to be carried out to ensure there has been no breaching of the system.



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A6 Other relevant technical data

No other relevant technical data

APPENDIX B – EVALUATION STATEMENTS

B1 Evaluation methods

Termite Management System - A2.2 (a) (iii) and 1.2.2 (a) (iii) Certificates from Professional Engineers.

B2 Reports

1. BASF Termidor He Residual Termiticide APVMA Approval No. 80820 / 108128. Dated 06/06/2017.
2. Barmac Amgrow APVMA Approval No. 69541. Pest controllers own Bifenthrin 100 Low Odour Termiticide & Insecticide label, dated March/2016.
3. Statement of compliance Ecospan Pty Ltd (Dr John French) Subterranean termite chemical barrier system, dated July/2008).