

Certification Body:



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Certificate Holder:



Scientific Pest Management
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Certificate number: CM40359

THIS IS TO CERTIFY THAT

Premium Flow™ Termite Management Reticulation System

Type and/or use of product:

Termite Management System.

Description of product:

Premium Flow™ is a termite management reticulation system for building perimeters, under slabs and penetrations. Refer A2.

COMPLIES WITH THE FOLLOWING BCA PROVISIONS AND STATE OR TERRITORY VARIATION(S) **BCA 2019 (Amdt. 1)**

	Volume One	Volume Two
Performance Requirement(s):	B1.4(i) Structural reliability – Termite actions	P2.1.1(b)(xv) Structural stability and resistance – Termite actions
Deemed-to-Satisfy Provision(s):	Not Applicable	Not Applicable
State or territory variation(s):	B1.4 NT	QLD P2.1.3(a)(iii)

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 Protectant Pest Management in accordance with relevant state and territory regulations and [The Premium Flow™ Reticulation Installation Guide, August 2022](#).
- The advisory sign "Warning Plate" 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 permanently fixed in a prominent location, not greater than 10mt apart to external perimeter wall as required, where no concrete cover abuts the building.
- Each advisory sign "Warning Plate" fixed to the external perimeter wall of a building by use of an appropriate adhesive and/or fastening screws must be not less than 300mm above the finished ground.
- The sand or soil is nominally 50-100mm in depth is clean and has a grade within the following specification, 95-100% passing 6.7mm and 0-10% passing 75um sieves.
- In Queensland, any external reticulation system is protected either by paving or advisory signs fixed, no greater than 10.0m maximum apart to prevent breaching and or contamination of the reticulation system.
- Termiticides used in a Premium flow TM Reticulation Termite Management System shall have APVMA Approval for use in a reticulation system and the registered termiticide label instruction shall specify use in a reticulation system.
- 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


Richard Donarski - CMI


Don Grehan – Unrestricted Building Certifier

Date of issue: 07/10/2022

Date of expiry: 07/10/2025



Certificate of Conformity

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.

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 delivering APVMA registered termicide 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.

A3 Product specification

The system incorporates the following components:

• Delivery Pipe	TUBE	ID: 13.90mm - OD: 15.7mm; wall thickness 0.9mm
• Stop End Cap	NL 16 STOP	
• Tee Joiner, Tee Pump-Up Point	NL 16 TEE	
• 90° Elbow, Single Pump-Up Point	NL 16 E	
• Female Take Off End	NI 16 FEM	
• Male Take Off End	NL 16 MAL	
• Inline Joiner	NL 16 INLINE	
• ¾" Threaded Cap, 20mm Threaded Cap	20 CAP	
• Pathway Trap	PWT	
• Maximum perimeter length per pump-up point	70m (Up to 35m either side of pump-up Tee)	
• Discharge Rate	20L/m/hr (litre/metre/hour)	
• Operating Pressure Range	0 - 18m head (0 -176kPa)	
• Geotextile sleeve		

A4 Manufacturer and manufacturing plant(s)

This field is optional. Contact the Certificate Holder for details.

A5 Installation requirements

The system must only be installed by accredited installers duly trained and accredited by Protectant Pest Management.

Premium Flow™ Reticulation System is to be installed in accordance with [The Premium Flow™ Reticulation Installation Guide, Version August 2022.](#)

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)(e). Reports from an appropriately qualified person.

B2 Reports

1. Dr John French; Laboratory bioassay for Premium Flow Reticulation System; Dated October 2011.
2. Dr John French; Comparison between AS 3660.1:2000 – AS 3660.3:2000 & AS 3660.1:2014 – AS 3660.3:2014; Dated November 2016.
3. Mr. C. E. Langley; LTD (CONSULTANT) SERVICES; A Statement of compliance Premium Flow™ Reticulation Termite Management System; Dated 06/10/2022.
4. Mr. C. E. Langley; LTD (CONSULTANT) SERVICES; Premium Flow Chemical Reticulation Termite Management System, “Warning Plate” being a Deviation of Concrete Cover Strip; Dated 12/08/2022.

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