



Certificate of Conformity



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Certificate Holder:
Garrards Pty Ltd
32 Kenworth Place
Brendale QLD 4500
Tel: 07 3272 7932
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Certificate number: **CM 30022 Rev 2**

THIS TO CERTIFY THAT

TermX Replenishment System

Type and/or use of product:

Termite management system for all building classes, to deter concealed entry by subterranean termites into a building.

Description of product:

TermX Replenishment System, is a reticulated chemical termite management system, comprising a pipe system buried beneath and/or around floor slabs incorporating perimeter, under-slab & through-slab penetrations. The system is used to apply termiticide chemical to saturate the soil surrounding a building and protect it from Termite attack. The reticulation system permits replenishment and renewal of chemicals at nominated intervals for continued protection of the building.

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

BCA (2019 + A1)

	Volume One including Amendment 1		Volume Two including Amendment 1	
Performance Requirement(s)	BP1.1 (a) & (b)(xv)	Structural Reliability	P2.1.1 (a) & (b)(xv)	Structural stability & resistance to actions
Deemed-to-Satisfy Provision(s):				
State or territory variation(s):			QLD P2.1.3	Termite management systems

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.

The purpose of Global-Mark **construction site audits** is to confirm the practicability of installing the product; and to confirm the appropriateness and accuracy of installation instructions. In placing the **CodeMark mark** on the product/system, the certificate holder makes a declaration of compliance with the certification standard(s) and confirms that the product is identical to the product certified herein. In issuing this Certificate of Approval Global-Mark has relied on the **expertise of external bodies** (laboratories, and technical experts).

Herve Michoux
Global-Mark Managing Director

Peter Gardner
Unrestricted Building Certifier

Date of issue: 26/08/2019

Date of expiry: 26/08/2027





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APPENDIX A – PRODUCT TECHNICAL DATA

A1 Type and intended use of product

Refer to page 1 of this certificate.

A2 Description of product

Refer to page 1 of this certificate.

A3 Product specification

Refer to items 1, 2 & 3 as per list in Appendix B2.

A4 Manufacturer and manufacturing plant(s)

Garrards Pty Ltd
32 Kenworth Place
Brendale QLD 4500

A5 Installation requirements

TermX Replenishment System is to be installed by accredited and registered installers, approved by Garrards Pty Ltd.

TermX Replenishment System is to be installed in accordance with AS3660.1:2014

For detailed installation instructions, refer to items 1, 2 & 3 as per list in Appendix B2.

A6 Other relevant technical data

Any referenced documents within the technical literature identified in Appendices A3 and A5.

Refer to various chemical manufacturer's product data sheets and dosing / treatment guidelines, as detailed in items 11 to 26 as per list in Appendix B2.

APPENDIX B – EVALUATION STATEMENTS

B1 Evaluation methods

The following assessment methods have been used to determine compliance with NCC 2019 (+A1):

Code Clause	Assessment Method(s)	Evidence of suitability	Evidence reference in B2
BCA Volume 1 – BP1.1 (a) & (b)(xv)	A2.2 (2) (a), (c) & (d)	A5.2 (1) (e) & (f) – Report from professional engineer & other documentary evidence	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30 & 31
BCA Volume 2 – P2.1.1 (a) & (b)(xv)	A2.2 (2) (a), (c) & (d)	A5.2 (1) (e) & (f) – Report from professional engineer & other documentary evidence	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30 & 31
BCA Volume 2 – QLD P2.1.3	A2.2 (2) (a), (c) & (d)	A5.2 (1) (e) & (f) – Report from professional engineer & other documentary evidence	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30 & 31

B2 Reports

The following reports have been used as evidence to determine compliance with NCC 2019 (+ A1):

Ref	Author	Reference	Date	Description	NATA Registration
1.	Garrards	TermX Installation Reference Manual, V3	9 Jan 2015	Client Manual	-
2.	Garrards	Addendum to TermX Installation Manual	Jul 2020	Client Manual	-
3.	Garrards	Addendum to TermX Installation Manual	28 Sep 2022	Client Manual	-
4.	Bayer Environmental Science	TermX Premise Foaming trial final – BS209	1 Oct 2009	Field Trial Test Report	-
5.	Bayer Environmental Science	TermX Premise Liquid trial final – BES109	1 Oct 2009	Field Trial Test Report	-
6.	Onwood Entymology	TermX upgrade letter	20 Jul 2019	NCC Compliance Report	-
7.	LTD Services	Product Technical Statement on TermX Replenishment System	27 May 2020	Technical Compliance Statement	-
8.	Aust Timber & Pest Research	TermX study for delivery over 15 metre single length	12 Jun 2020	Field Trial Test Report	-
9.	Garrards	PVC Durability documentation	Unreferenced	Durability Statement	-
10.	Garrards	List of Key suppliers TermX	2 Sep 2015	Approved Supplier Register	-
11.	FMC Australasia	Biflex Aquamax 60678/0109	25 May 2009	Termiticide Product Label	-
12.	FMC Australasia	Biflex Ultra Low Odour 59269/108187	5 Jun 2017	Termiticide Product Label	-
13.	Bayer Cropscience	Premise 200SC 49098/119427	10 Apr 2019	Termiticide Product Label	-
14.	BASF Australia	Termidor Residual 54624/121259	18 Oct 2019	Termiticide Product Label	-
15.	Ensysyex Australasia	Maxxthor 100 60113/61349	8 Jan 2014	Termiticide Product Label	-
16.	Garrards	Bifenthrin 100 Low Odour 66127/110168	9 Oct 2017	Termiticide Product Label	-
17.	Accensi	Bifenthrin Aqua 68542/58545	4 Apr 2013	Termiticide Product Label	-
18.	Garrards	Country Imidacloprid 200SC 60576/107723	5 Dec 2016	Termiticide Product Label	-
19.	BASF Australia	Termidor HE Residual 80820/108128	31 May 2017	Termiticide Product Label	-
20.	Garrards	Country Bifenthrin 100SC 67299/107102	6 Sep 2016	Termiticide Product Label	-
21.	Syngenta	Altriset 64594/109049	9 Oct 2017	Termiticide Product Label	-
22.	Sherwood Chemicals (Aust)	BIFORCE 100SC 62837/0109	16 Mar 2009	Termiticide Product Label	-
23.	Sherwood Chemicals (Aust)	BIFORCE 200SC 64877/49507	13 Dec 2011	Termiticide Product Label	-
24.	Sherwood Corporation (Thailand)	FIPFORCE HP 63789/126108	1 Feb 2021	Termiticide Product Label	-
25.	Ensysyex	ULTRATHOR 64449/133265	26 Apr 2022	Termiticide Product Label	-
26.	Adama Australia	Venom Professional 240SC 84018/117677	27 Aug 2019	Termiticide Product Label	-
27.	Garrards	APVMA Verification list of chemicals – TermX	Aug 2022	List of chemicals approved for TermX	-
28.	Garrards	Durable Label Sample	13 Aug 2019	Durable Label – Termite Management	-
29.	BASF Australia	Efficacy Evaluation S Kleinschmidt – BASF Australia	22 Sep 2006	Review of chemical spread efficacy	-
30.	Garrards	TX Sample Training Record	Oct 2018	Training record example	-
31.	Garrards	TX Accredited Installers	Jul 2019	List of accredited installers	-

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