



Certificate of Conformity

Certificate number: CM20020

Certification Body:



SAI Global Certification Services Pty Limited
(ACN 108 716 669) Trading as "SAI Global"
JAS-ANZ Accreditation No. Z1440295AS

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Certificate Holder:
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THIS TO CERTIFY THAT

Granitgard Termite Management System Including Blockaid-Termi

Type and/or use of product:

An integrated termite management system consisting of physical and chemical components installed in conjunction with building construction for the use on masonry and concrete substrate. To Provide the building with termite management systems against concealed ingress by subterranean termites and thereby the basic principles of a combined physical and chemical termite management system installation apply.

Description of product:

The specially graded and shaped Granitgard stone particles are used in combination with durable termite resistant strip shielding materials to provide a flexible, non-toxic, long-life termite management system. This termite management system protects buildings by blocking concealed termite access and forcing those termites that are trying to enter the building out into the open where they are visible and can be easily eradicated.

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

BCA 2016 Amdt. 1

| | Volume One | Volume Two | | |
|---|---------------------|---|----------------------|---|
| Performance Requirement(s) | BP1.1(b)(xv) | Structural Reliability – limited to termite actions only | P2.1.1(b)(xv) | Structural stability and resistance to actions – limited to termite actions only |
| | BP1.2 | Structural Resistance – limited to termite actions only | | |
| Deemed-to-Satisfy Provision(s): | N/A | N/A | N/A | N/A |
| State or territory variation(s): | N/A | N/A | N/A | N/A |

SAI Global Certification Services

Kevin Goodwin
General Manager Technical Services
SAI Global Assurance

Daniel Darakas– Unrestricted Building Certifier

Date of issue: 30/11/2018

Date of expiry: 30/11/2021



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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 Granitgard Termite Management system including Blockaid-Termi is to be installed by licensed installers trained and approved by Granitgard Pty Ltd.
2. The Granitgard Termite Management system including Blockaid-Termi is to be installed in accordance with the Granitgard Installation Manual Version 5.5 dated January 2012 and the Blockaid-Termi Installation Manual Version 1.0 dated June 2015
3. The Granitgard Termite Management system including Blockaid-Termi when used across a perimeter cavity must finish at least 75mm above the surrounding finished ground level except at full height windows and doorways where the inspection zone may be reduced as outlined in the respective installation manual.
4. The Granitgard collars "Termicollar" are to be installed on service pipe penetrations as outlined in the Granitgard installation manual.
5. The Granitgard Termite Management system including Blockaid-Termi has not been assessed to be installed north of the Tropic of Capricorn. Granitgard is not to be installed north of the Tropic of Capricorn as stated in the Granitgard installation manual.
6. Building work in designated flood hazard areas is regulated by the Building Act 1975 and Development Code 3.5 - Construction of buildings in flood hazard areas.
7. Inspections are undertaken annually in accordance with the Granitgard Technical Manual to determine that no bridging or breaching of the management system has occurred.

Building classification/s:

Volume 1 – Class 2 to Class 9 buildings
Volume 2 – Class 1 and Class 10 buildings

Notes:

(i) The installation of any termite management system cannot guarantee a 100% protection against infestation by subterranean termites. Thus the installation of a termite management system does not negate the need for regular competent inspections. Any additions, alterations or earth works, including gardening adjacent to the building, may render the system ineffective. Such activity should be referred to a licensed installation contractor for appropriate advice and treatment.

(ii) Any additional treatment should be done in accordance with the relevant State or Territory regulations.

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.



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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

The components are detailed in the installation manual and consist of:

- Graded stone particles
- Acrylic based sealant
- PVC sheeted material
- Various plastics including Penetration collars
- Acrylic coated aluminium sheet

A4 Manufacturer and manufacturing plant(s)

Unit 9, 145 Arthur Street, Homebush West NSW 2140

A5 Installation requirements

Refer to Page 2 of this certificate and the following;

1. Granitgard Termite Management System including Blockaid-Termi installation Manual (Version 1.0) dated June 2015
2. Granitgard Installation Manual Version 5.5 dated January 2012 and the Blockaid-Termi Installation Manual Version 1.0 dated June 2015.

These Technical Handbooks provide details of the installation requirements for the Granitgard Termite Management System including Blockaid-Termi.

A6 Other relevant technical data

N/A

APPENDIX B – EVALUATION STATEMENTS

B1 Evaluation methods

The system has been assessed as complying with the identified Performance Requirements of the BCA 2016 Amdt. 1. This involved a review of product specifications, test reports, installation manuals, and associated documentation.

1. Structural assessment – Volume 1 – A0.5(c)/A2.2(a)(v) Certificate from an appropriately qualified person and A2.2(a)(vi) Another form of documentary evidence; Volume 2 – 1.0.5(c)/1.2.2(a)(iii) Certificate from an appropriately qualified person and 1.2.2(a)(vi) Another form of documentary evidence.

B2 Reports

1. **Granitgard Termite Management System including Blockaid-Termi (Version 2.1-2018) Report, issued by Christopher E. Langley - Pest Management Consultant dated 28 September 2018– expert judgement to NCC BCA BP1.1(b)(xv) (Volume 1), P2.1.1 (Volume 2), QLD P2.1.3 (Volume 2).** *This Report provides the expert judgement of the Granitgard Termite Management System including Blockaid-Termi applied to all construction type.*
2. **Expert Letter by Dr Don Ewart - Consulting Entomologist dated 10 October 2018- – expert judgement to NCC BCA BP1.1(b)(xv) (Volume 1), P2.1.1 (Volume 2), QLD P2.1.3 (Volume 2).** *This Report provides the expert judgement of the Granitgard Termite Management System including Blockaid-Termi applied to all construction type.*
3. **Commonwealth Scientific and Industrial Research Organisation (CSIRO), letter re: Ground Clearance with the use of the Granitgard System (3rd July 2002):** *This letter advises that the 75mm inspection zone is required where the management system is above garden beds or lawn, and that it may be reduced without compromising the integrity of the management system under full height windows where it can be lowered to 30mm and at doorways where it can be reduced to 20mm if certain conditions are met.*
4. **Commonwealth Scientific and Industrial Research Organisation (CSIRO), Building Products and Systems Appraisals – Technical Assessment 269 Granitgard Physical Termite Management system, System (with penetration sleeve) (June 2000 - June 2003. Revalidation):** This document advises that in the opinion of CSIRO Appraisals the Granitgard Physical Termite Management system, System will satisfy the performance requirements of AS 3660.1-2000 'Termite management –New Building Work'..
5. **Blockaid – Termite Bioassay, by Don Ewart, R & D Manager, Granitgard Pty Ltd (March 30, 2004):** This document provides evidence and results of a bioassay test undertaken by Don Ewart, and acts as evidence of Blockaid as being an efficient defence against subterranean termites.