

Certificate of Conformity

Certificate number: CM40251

Certification Body:


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

**Ensystem Australasia
 Pty Ltd**
 ABN: 53 102 221 965
 Unit 3 The Junction
 Estate,
 4 - 6 Junction Street
 Auburn NSW 2144

THIS TO CERTIFY THAT



Type and/or use of product:

A Termite Management System used as part of a complete Termite Management System to deter concealed subterranean Termite entry into buildings.

Description of product:

The NOVITHOR™ Termite Protection System comprises a Cementitious Parge, Resin and Flexi-gel as follow: NOVITHOR™ Termite Proof Resin is a liquid formulation containing a specially formulated blend of resins, NOVITHOR™ Termite Proof Cementitious Parge is a resinous cement/mortar, NOVITHOR™ Termite Proof Flexi-Gel / TERMIPARGE Gel is a high performance neutral cure silicone sealant and adhesive; together with optional Aluminium collars for pipe penetrations.

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

BCA 2016

	Volume One (Amdt. 1)	Volume Two
Performance Requirement(s)	Not Applicable	Not Applicable
Deemed-to-Satisfy Provision(s):	FP1.5 Rising damp and water-proofing B1.4(i) Termite Risk Management: Where a primary building element is subject to attack by subterranean termites: AS 3660.1:2014	Part 3.1.3.3 Termite management systems
State or territory variation(s):	SA FP 1.5 NT B1.4(i)	SA P2.2.3 QLD & NT 3.1.3.3


John Thorpe - CMI


Don Grehan – Unrestricted Building Certifier

Date of issue: 06/12/2018

Date of expiry: 06/12/2021



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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 NOVITHOR™ Termite Protection System may only be installed by NOVITHOR™ Termite Protection System Authorised Operators who have been trained and Quality Guaranteed by Ensysrex Australasia Pty Ltd.
2. Not to be used when substrate surface temperature exceeds 50°C.
3. Not to be used as a penetration fire stop sealing system.
4. Do not apply to surfaces in direct contact with food or drinking water.
5. Not to be used on the reflective coatings on mirrors.
6. The NOVITHOR™ Termite Protection System is to be installed in accordance with the [NOVITHOR™ Termite Protection System Installation Manual \(Version – NIM 3.01 08.18\)](#).
7. Concrete slabs must be constructed in accordance with the requirements of AS 2870-2011 Residential slabs and footings - Construction (Amendment 4), or AS 2870-2011 Residential slabs and footings, or AS 3600-2009 Concrete Structures (Amendment 1).
8. The installation of any Termite Management System cannot guarantee a 100% protection against infestation by subterranean termites. Thus, the installation of a physical barrier does not negate the need for regular competent inspections. Any additions, alterations or earth works, including gardening adjacent to the building, may render the barrier ineffective. Such activity should be referred to a NOVITHOR™ Termite Protection System Authorised Operator for appropriate advice and treatment.
9. Any additional treatment should be undertaken in accordance with the relevant State or Territory regulations.
10. 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.
11. This Certificate is issued based on the evidence of compliance as detailed herein. Any deviation from the specifications contained in this Certificate is outside of this document's scope and the installation of the certified product/system will not be covered by this CodeMark certification. This may result in the product being classified as a non-conforming building product/system.

Building classification/s:

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

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.

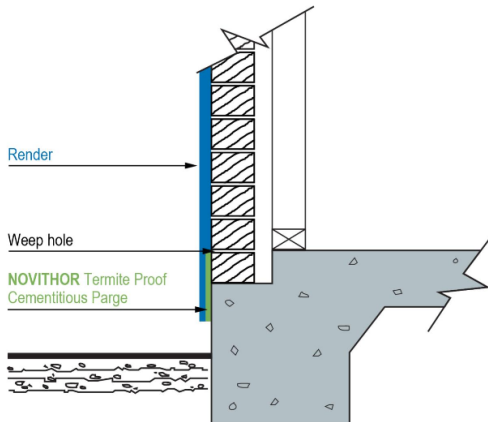
APPENDIX A – PRODUCT TECHNICAL DATA

A1 Type and intended use of product

- As a physical Termite Management System and water-proof course.
- As a perimeter Termite Management System in knock out block work.
- As a perimeter Termite Management System in cavity brick construction.
- It is particularly used with a concrete slab, poured and cured in accordance with the requirements of AS 2870:2011 Residential slabs and footings – Construction and AS 3600:2018 Concrete structures.
- The slab in this case forms part of the Termite Management System with NOVITHOR™ Termite Protection System protecting the high risk termite penetration areas. It is applied in a range of widths to suit the particular building design.
- When applied to brick or core filled block work used in retaining walls.
- As a continuous Termite Management System in bearer and joist construction.
- Applied to AAC or other panelling systems.
- As a repair mortar for concrete repairs.
- As a high strength grout in tilt panel construction.
- On the top of reinforced concrete slabs around pipe penetrations.
- Over concrete rebates as a damp proof barrier.
- As a mortar or render.

A2 Description of product

NOVITHOR™ Termite Protection System is a flexible Termite Management System which can be used as part of a complete Termite Management System in association with other approved systems.



Source: NOVITHOR™ Termite Protection System Installation Manual (Version – NIM 3.01 08.18).



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NOVITHOR™ Termite Protection System consists of:

- NOVITHOR™ Termite Proof Cementitious Parge (comprising NOVITHOR™ TPC Powder and NOVITHOR™ TPC Liquid).
- NOVITHOR™ Termite Proofing Resin.
- NOVITHOR™ Termite Proof Flexi-gel.
- TERMIPARGE Gel.
- NOVITHOR™ Termite Proof Collars.

A3 Product specification

NOVITHOR™ Termite Proof Cementitious Parge is a ready-to-use pumpable, natural aggregate, general purpose grout which undergoes controlled expansion in the plastic state. It is a Class 'A' grout as defined by SAA MP20 – Part 3, 1977.

A4 Manufacturer and manufacturing plant(s)

Ensystem Australasia Pty Ltd.
Unit 3 The Junction Estate,
4 - 6 Junction Street,
Auburn NSW 2144.

A5 Installation requirements

The NOVITHOR™ Termite Protection System is to be installed in accordance with the [NOVITHOR™ Termite Protection System Installation Manual \(Version – NIM 3.01 08.18\)](#).

NOVITHOR™ Termite Proof Cementitious Parge must be applied to a minimum thickness of 4mm.

Where the product is applied as a coating this will require a two coat application. When applied into a recess such as a penetration or construction joint the 4 mm depth can usually be achieved with a single application.

A6 Other relevant technical data

No other relevant technical information.

APPENDIX B – EVALUATION STATEMENTS

B1 Evaluation methods

CMI has followed the following procedures for certifying the NOVITHOR™ Termite Protection System:

- Testing and assessment of the NOVITHOR™ Termite Protection System;
- Assessing a quality plan for the NOVITHOR™ Termite Protection System that conforms to ISO 10005:2018 and the CodeMark Australia Scheme Rules Version 2016.1;
- By reviewing testing of samples supplied to ascertain whether or not the product meets the performance requirements specified on this certificate; and
- Conducting site audits of the factory to verify compliance of the NOVITHOR™ Termite Protection System.

B2 Reports

- Agrisearch (Eurofins); NATA Accreditation No. 14321; Efficacy trial over 2 years; Dated November 2011.
- CSIRO; NATA Accreditation No. 165; Report No. 2003/21; Testing of Parge; Dated 28/10/2003.
- CSIRO; NATA Accreditation No. 165; Report No. 2006/11; Testing of NOVITHOR™ Termite Proof Flexi-gel; Dated 01/06/2006.
- Agrisearch (Eurofins); NATA Accreditation No. 14321; Report 5 year trial against termite ingress; Dated January 2014.
- CSIRO; NATA Accreditation No. 165; Report 6895A; Adhesion-in-Peel of elastomeric joint sealants; Dated 29/04/2014.
- CSIRO; NATA Accreditation No. 165; report 6505; Determination of water permeability to the requirements of AS/NZS 4347.1 1995; Dated 11/12/2012.
- CSIRO; NATA Accreditation No. 165 Report XC3063; 1000 hours UV Exposure Testing to AS/NZS 2433; Dated August 2011.
- University of Newcastle; Project A/367B; Testing to AS 3700-2001; Dated July 2005.
- CSIRO; NATA Accreditation No. 165; Report XC3063R3; Testing to AS/NZS 2433; Dated August 2011.

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