

Certificate number: CM40017-I03-R00

Certification Body:


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 JAS-ANZ Accreditation
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Certificate Holder:


 TERM-seal™ Pty Ltd
 ABN: 92104603983
 195 Robinson Rd,
 Geebung Qld 4034
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THIS TO CERTIFY THAT

TERM-seal™ Systems

Type and/or use of product:

The TERM-Seal™ Systems are certified as termite barrier systems.

Description of product:

TERM-seal™ Multi-Purpose Passive, physical termite resistant, curable coating.
 TERM-seal™ Multi-Purpose Passive Sealant, physical thixic, termite resistant curable sealant.
 TERM-seal™ PRM Passive, physical termite resistant, impregnated sheet barrier for the protection of masonry and bearer and joist construction.
 TERM-seal™ Multi-Purpose Active, physical termite resistant, curable coating containing 0.1% Bifenthrin as active constituent.
 TERM-seal™ Multi-Purpose Sealant Active, physical, termite resistant, curable thixic sealant containing 0.1% Bifenthrin as active constituent.
 TERM-seal™ PRM Active, physical termite resistant, impregnated sheet barrier containing 0.1% Bifenthrin as active constituent, for the protection of masonry, bearer and joist construction.
 TERM-seal™ Ura-Fen Major, Physical termite resistant rigid foam barrier containing 0.2% Bifenthrin as active constituent, for the protection of gaps, fissures and cavities.
 TERM-seal™ Ura-Fen Shield TWB, Physical, sheeting, termite resistant barrier containing 0.2% Bifenthrin as active constituent. Used as a combination barrier under slabs, cavities or joint protection.
 Universal Termite Penetration Lock: a physical barrier made from ABS plastic with Shore D hardness, provided in 40, 50, 65, 80 and 100mm for fitting around drain, waste or vent files penetrating concrete slabs.

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

BCA 2016

	Volume One 2016 (Amdt. 1)	Volume Two 2016
Performance Requirement(s)	Not Applicable	Not Applicable
Deemed-to-Satisfy Provision(s):	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):	NT B1.4(i)	QLD & NT 3.1.3.3


John Thorpe - CMI


Don Grehan – Unrestricted Building Certifier

Date of issue: 14/08/2018

Date of expiry: 14/08/2021



Certificate of Conformity

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. Only to be installed by TERM-seal™ accredited installers.
2. Product installation shall be carried out in accordance with the TERM-seal™ Active Systems Installation Manual 2018v5, Commercial Construction Manual 2009v1, Passive Systems Manual June 2009v1, or Collar Manual June 2009v1 as applicable.
3. In accordance with BCA Volume One 2016 Amdt. 1: B1.4 (i), (i) & (ii), including NT variations and BCA Volume Two 2016: Part 3.1.3.2 (b), including QLD state variations, a durable notice must be permanently fixed to the building in a prominent location, such as a meter box or the like indicating:
 - a. The method of termite risk management; and
 - b. The date of installation of the systems; and
 - c. The installers or manufacturers recommendations for the scope and frequency of future inspections for termite activity.
4. In accordance with State or Territory Advisory notices, additional termite risk management measures must be included in areas where *Mastotermes darwiniensis* are prevalent.
5. When used as a termite barrier in conjunction with a concrete slab the slab must be designed and constructed according to AS 2870:2011 or AS 3600:2018 (including Amendment 1, as per BCA 2016).
6. When used as a termite barrier in masonry walls, the mortar joint under the barrier shall be full (have no gaps or porosity to provide an inspection zone).
7. This Certificate excludes compliance of the product in relation to damp-proofing.
8. Information contained herein or related hereto is intended only for evaluation by technically skilled persons, with any use thereof to be at their independent discretion and risk. 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.
9. 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 per page one.

A2 Description of product

As per page one.

A3 Product specification

TERM-SEAL™ PRM Active Cord & Capping Strip APVMA
Registration No 62741/43877

- (1) TERM-SEAL™ PRM Active (Poly Re-enforced membrane) is a specialised, termite resistant and waterproof sheeting containing 0.1% Bifenthrin as the active constituent.
- (2) It consists of TERM-SEAL™ Multi-Purpose Active termite resistant and waterproof compound that is impregnated into a poly fibre industrial fabric.
- (3) The sheeting is manufactured to meet the requirements of AS/NZS 4347.1-1995 (RC2014), AS 3660.1-2014 and doubles as a damp-course over masonry.
- (4) TERM-SEAL™ PRM Active sheeting has been tested as suitable as a damp-course.
- (5) TERM-SEAL™ PRM Active is used with TERM-SEAL™ Ura-Fen Major, TERM-SEAL™ Multi-Purpose Active and TERM-SEAL™ Sealant Active to:
 - form a full and continuous physical termite barrier and damp course around perimeter cavities for all types of construction.
- (6) TERM-SEAL™ PRM Active is used with TERM-SEAL™ Multi-Purpose Active and TERM-SEAL™ Sealant Active to:
 - adhere the PRM to joints in concrete slabs, as masonry cord protection (110mm),
 - as part of an ant capping (150mm & 230mm) system for bearer and joist construction.
- (7) TERM-SEAL™ PRM Active has applications for:
 - Footing Slabs,
 - Monolithic Slabs with brick coarse step down,
 - Monolithic Slabs with 2 coarse step down,
 - Infill Slabs,
 - Ant Capping to bearer and Joist construction,
 - Monolithic Slabs with timber frame and clad wall constructions.
- (8) TERM-SEAL™ PRM Active is available in 25 Metre rolls of 110mm, 150mm and 230mm widths. It is also available in 300mm x 300mm pier cap sheets.

TERM-SEAL™ Ura-Fen Major APVMA Registration No
63003/5916

TERM-SEAL™ Ura-Fen Major is a two-component polyurethane settable foam containing 0.2% Bifenthrin as active constituent when cured. The foam comes together by the mixing of polyol and isocyanate components that undergo an exothermic reaction to create a settable, termite resistant and waterproof barrier. It is specially engineered for use in building situations to fill gaps, fissures and cavities. When dispensed, the foam is purple/blue in colour.

TERM-SEAL™ Ura-Fen Major is dispensed by:

- Air operated Bi-Mixer Gun in either 300ml or 750ml disposable Part A and Part B twin cartridges.
- Manual Bi-Mixer Hand Gun using 750ml disposable Part A and Part B twin cartridges.
- Manual Bi-Mixer Hand Gun using 300ml disposable Part A and Part B cartridges.

TERM-SEAL™ Ura-Fen Major must be used with TERM-SEAL™ Multi-Purpose Active, TERM-SEAL™ Sealant Active and TERM-SEAL™ PRM Active cord strip(110mm) for brick cavity applications. When dispersed to form a barrier it must have a minimum depth of 40mm thickness

TERM-SEAL™ Prime Coat

TERM-SEAL™ Prime-coat must be applied on all applications prior to the first coat of TERM-SEAL™ Multi-purpose Active or TERM-SEAL™ Sealant Active. Application is by brush, roller or spray gun and has a coverage rate of 10 square Metres per one litre, and at normal ambient conditions is touch dry in 10-15 minutes.

TERM-SEAL™ Sealant Active APVMA Registration No
62739/102690

TERM-SEAL™ Sealant Active contains 0.1% Bifenthrin as active constituent when cured, and, is a specially prepared formulation for use in joints of all types. The sealant is available in:

- 360 gram disposable cartridges for single cartridge guns.
- 900 gram disposable cartridges for large cartridge guns.
- 10 litre buckets for paint on, or refillable applicators.

Dark grey in colour TERM-SEAL™ Sealant Active is designed for crack and joint applications.

TERM-SEAL™ Sealant Active is also used as a component in:

- Service Penetration protection.
- Bonding Agent of TERM-SEAL™ PRM Active to concrete & Masonry.
- Repairs and joints with Reo-Band FG.

TERM-SEAL™ Ura-Fen Shield TWB APVMA Registration No
64037/47238

TERM-SEAL™ Ura-Fen Shield TWB is a triple layer termite and moisture proof sheet barrier. It consists of an open cell polyurethane matrix sheet, containing the active ingredient (0.2% Bifenthrin) sandwiched between two untreated polyolefin sheets, each, 150 microns in thickness that act as a water vapour barrier.

- The active ingredient in TERM-SEAL™ Ura-Fen Shield is uniformly dispersed throughout the polyurethane matrix material which will repel and kill termites.
- The polyolefin top cover sheet is black with lime green printing and the lower sheet is dark grey in colour.
- It must be installed with the printed side uppermost.
- The surfaces of TWB have been specially treated to aid the adhesion with brick mortar thus preventing brick slippage.
- It is installed in conjunction with TERM-SEAL™ Adhesive.
- When properly installed as part of the TERM-SEAL™ Active System, it works by forcing termite activity into the open where it can be detected by regular inspection.

TERM-SEAL™ Ura-Fen Shield TWB is used to form a continuous water proof and termite resistant barrier around the cavity perimeter and construction joints of new slab-on-ground structures, and extensions to existing structures, where the concrete slab is acting as a physical barrier to termite entry as per AS 3660.1-2014. In this situation, the concrete slab must be poured in accordance with AS 2870-2011: Residential Slabs and Footings Recommendations or AS 3600-2018 Concrete Structures. Refer to these standards for further information

TERM-SEAL™ Ura-Fen Shield TWB is manufactured in 50 Metre rolls of 1.8 Metre width and is available off the shelf in 1.8m, 900mm or 300mm rolls.

TERM-SEAL™ Ura-Fen Termite Resistant Adhesive
Registration No 70455/63479

TERM-SEAL™ Ura-Fen Adhesive is a high quality, solvent based polymer adhesive, specially formulated for bonding TERM-SEAL™ Ura-Fen Shield TWB to concrete, masonry and sealing joints and corners of the barrier. The adhesive must be used when installing TERM-SEAL™ Ura-Fen Shield TWB to masonry surfaces and is a requirement in the installation procedure of Ura-Fen Shield TWB. The use of the adhesive does not negate the requirement to nail the barrier to the concrete.

Available in 260 gram and 750 gram cartridges.

TERM-SEAL™ Multi-Purpose Active Registration No
62740/43873

This compound is a highly engineered acrylic polymer based liquid which on curing, contains 0.1% Bifenthrin as active constituent and forms a seamless flexible, termite resistant and waterproof membrane.

TERM-SEAL™ Multi-Purpose Active meets AS 3740-2010 and AS/NZS 4858-2004 when applied as a wet area membrane in internal and external applications.

TERM-SEAL™ Multi-Purpose Active can be applied by roller, brush or heavy-duty airless spray gun at a rate of 1.5 litres per square Metre. Applications are for use on masonry, concrete and fibre board.

TERM-SEAL™ Multi-Purpose Active is Dark Grey in colour and is supplied in 15 litre, 22kg pails and has a shelf life of one year when stored in a dry place between 10 and 23°C. When fluid it can be cleaned with water. After curing, it can be removed by mineral turpentine, Toluol or lacquer thinners. At completion of application, it should be left to cure for a least one-day before tiling or backfilling.

TERM-SEAL™ Reo-Band FG

Reo-band FG is a non-woven fiberglass matt, specially manufactured with an emulsifier binder type coating which provides ease of use. Used with the TERM-SEAL™ Sealant Active to re-enforce joints and corners. Available in 160 Metre rolls of 100, 130, 205 and 502mm widths.

TERM-SEAL™ Penetration Collars

TERM-SEAL™ Penetration Collars are manufactured from ABS GP 22 UV stabilized plastic. The composition of the product has been NATA tested at 81.6 D shore hardness and complies with Australian Standard AS 3660.1-2014. This represents the manufactured collar possessing qualities of strength and hardness without being brittle.

TERM-SEAL™ Penetration collars have been appraised by CSIRO and when installed complies with AS 3600.1-2014.

Available for service penetration diameter sizes of 40mm, 50mm, 65mm, 80mm and 100mm.

TERM-SEAL™ Annular Collars are a pre-made "soft" collar which are manufactured from PRM (Polly-reinforced Membrane) fabric. The annular collars comply with Australian Standard AS 3660.1-2014.

Available for service penetration diameter sizes of 40mm (water).

40mm (electrical), 50mm, 65mm, 80mm and 100mm.

A4 Manufacturer and manufacturing plant(s)

TERM-seal™ Pty Ltd
195 Robinson Rd,
Geebung Qld 4034

A5 Installation requirements

[TERM-SEAL™ Active Systems Installation Manual 2018v5.](#)

A6 Other relevant technical data

No other technical data.

APPENDIX B – EVALUATION STATEMENTS

B1 Evaluation methods

CMI has followed procedures for certifying TERM-Seal™ Systems that are based on evidence established by:

- Comparison with DtS provisions of the BCA;
- Testing of TERM-Seal™ Systems by accredited testing facilities;
- Review of reports supplied by suitable qualified individuals and organisations;
- Assessing a Product Quality Plan for TERM-Seal™ Systems that conforms to ISO:10005 and the CodeMark scheme rules;
- 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 TERM-Seal™ Systems.

B2 Reports

1. Efficacy Report; John French B.Sc(For).,M.Sc (Entomology), Ph.D (Forest Entomology) report on trials conducted in New South Wales and Western Australia on the TERM-seal systems August 2018.
2. Technical Opinion; John French B.Sc(For).,M.Sc (Entomology), Ph.D (Forest Entomology) PMT-O-12490, compliance with Section 5 "Test Methods for Chemical Termite Management Systems of AS 3660.3-2014 dated 31 July 2018.
3. APVMA Labels:
 - TERM-SEAL™ PRM Active Cord & Capping Strip APVMA Registration No 62741/43877
 - TERM-SEAL™ Ura-Fen Major APVMA Registration No 63003/5916
 - TERM-SEAL™ Sealant Active APVMA Registration No 62739/102690
 - TERM-SEAL™ Ura-Fen Shield TWB APVMA Registration No 64037/47238
 - TERM-SEAL™ Multipurpose Active APVMA Registration No 62740/43873
 - TERM-SEAL™ Ura-Fen Termite Resistant Adhesive APVMA Registration No 70455/63479

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