



Certificate of Conformity

Certificate number: CM40025 Rev1

aCertification Body:


 ABN: 80 111 217 568
 JAS-ANZ Accreditation
 No. Z4450210AK
 PO Box 7144, Sippy
 Downs Qld 4556
 +61 (07) 5445 2199
 www.CertMark.org

Certificate Holder:

Raydiate Pty Ltd
 ACN: 113 013 693
 41 Wilkinson Street
 Toowoomba QLD 4350
 P: (07) 4633 7200

THIS TO CERTIFY THAT

The TermiFilm™ Termite Management System

Type and/or use of product:

The TermiFilm™ Termite Management System is an under slab, perimeter and penetration system to deter concealed entry by subterranean termites into a building.

Description of product:

The TermiFilm™ Termite Management System is a physical-chemical termite management system utilising a high resistance polyethylene film containing Permethrin.

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

BCA 2016

	Volume One	Volume Two
Performance Requirement(s)	BP1.1 (a)&(b)(xv) Structural Reliability - Limited to Termite Actions	P2.1.1 (a)&(b)(xv) Structural Stability and Resistance – Limited to Termite Actions
Deemed-to-Satisfy Provision(s):	Not Applicable to this Product	Not Applicable to this Product
State or territory variation(s):	Not Applicable to this Product	Qld P2.1.3

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. This Certificate is limited to the details within this certificate, including the compliance elements, product description and purpose or use. This Certificate is to be read, considered and used as a whole document and reproduced in its entirety.
2. Inspections must be undertaken annually in accordance with the [TermiFilm™ Termite Management System Installation Manual TermiFilm UV+ \(Version 2: JULY 2017\)](#) to determine that no bridging or breaching of the termite management system has occurred.
3. Footings and Slabs must be constructed in accordance with the requirements of AS 2870-2011 or AS 3600-2009 - Concrete Structures including amendments.
4. A durable notice, installed in accordance with BCA Volume One 2016: B1.4 (i)(ii), including NT variation, & BCA Volume Two 2016: 3.1.3.4, including QLD variation, must be affixed in a prominent location(s) to the building.

Building classification/s:

Classes 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.


 John Thorpe - CMI


 Don Grehan – Unrestricted Building Certifier

Date of issue: 31/08/2017

Date of expiry: 01/05/2019





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APPENDIX A – PRODUCT TECHNICAL DATA

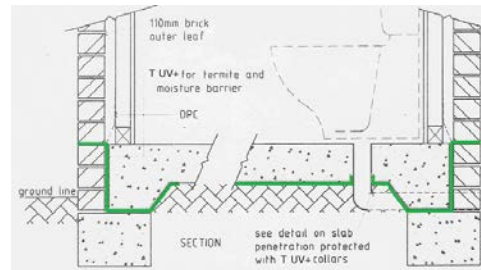
A1 Type and intended use of product

As per page one.

A2 Description of product

TermiFilm™

Full Under Slab details

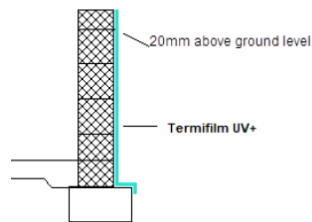


TermiFilm™

External Retainer Walls



External wall:

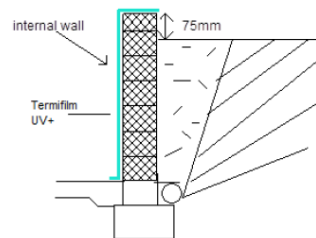


TermiFilm™

Internal Retainer Walls



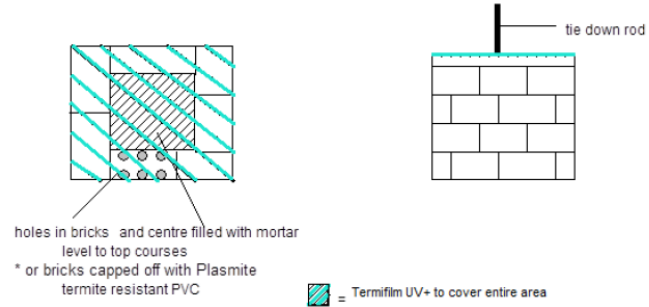
Internal Retainer Wall Protection Detail:



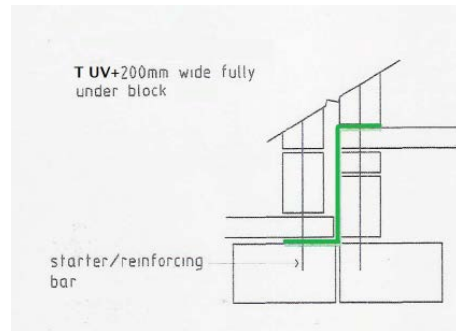


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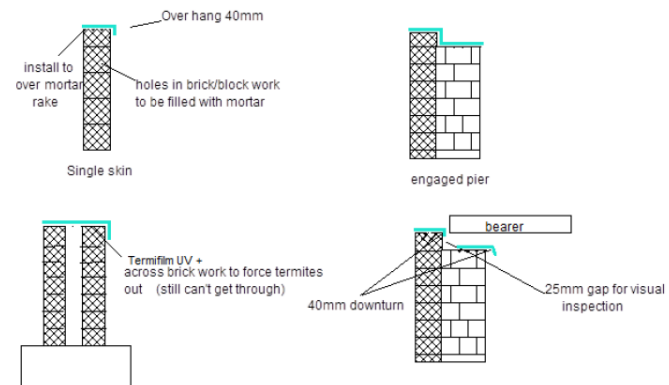
TermiFilm™
To Brick/Block Piers



TermiFilm™
To External Soil Areas Abutting Brick Work



TermiFilm™
To Pole Plate Protection, Ant Capping

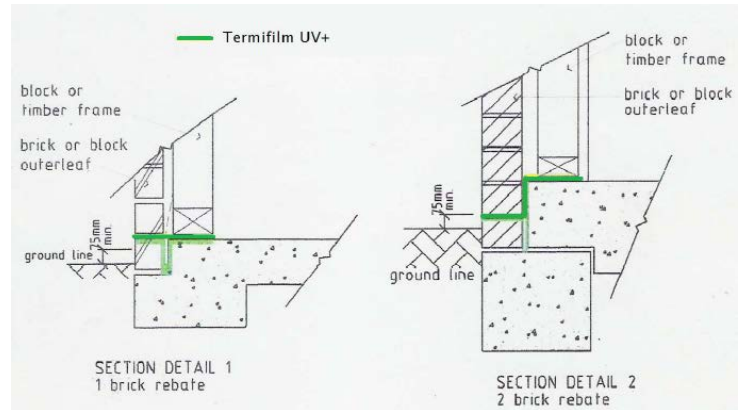




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TermiFilm™

Perimeter – Brick Work Bricked Up Base



Source: Certificate Holder

A3 Product specification

ROLL SIZES: 100m x 200mm, 100m x 250mm, 100m x 300mm, 50m x 300mm, 100m x 1m, 50m x 4m.

- 3M Performance Plus Duct Tape (for sealing overlaps in termite blanket application);
- TermiFilm™ Sealant (termite resistant flexible) 410g (to seal blanket on to substrates and overlaps of termite blanket);
- TermiFilm™ Epoxy Kit (termite resistant - to seal blanket on to substrates and overlaps of termite blanket);
- TermiFilm™ High Tact Multi-Purpose Adhesive (for sealing overlaps and adhesion to substrates, particularly retainer walls to hold in place);
- Panduit Cable Ties for collar installations;
- TermiFilm™ Grip Strip for sill till adhesion for doorway installations;
- TermiFilm™ Granules - 20kg bags.

A4 Manufacturer and manufacturing plant(s)

Creepy Crawly Pest Control Pty Ltd
41 Wilkinson Street,
Toowoomba QLD 4350

A5 Installation requirements

1. Must be installed in accordance with the [TermiFilm™ Termite Management System Installation Manual \(Version 2: JULY 2017\)](#)
2. The TermiFilm™ Termite Management System is to be installed by authorised operators trained and licensed by Raydiate Pty Ltd.
3. The TermiFilm™ is installed in vertical and horizontal positions in a structure to protect the structure for many years.
4. The TermiFilm™ is stabilised as it is installed under slabs and in between construction materials exposed to direct sunlight. This also makes the TermiFilm UV+ more effective and flexible in providing a closer tight fit against building materials to repel and kill subterranean termites.



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5. All overlaps of TermiFilm™ are to be a minimum of 200mm and can also be sealed with Termite Resistant Epoxy or Sealant. Overlaps on full under-slab applications are to be 200mm and should be sealed with good quality duct tape (3M Performance Plus is recommended).
6. TermiFilm™ is to be attached to structure by nailing or gluing into place.
7. Do not nail TermiFilm™ to the water proofing (tanking to retaining walls and basement walls). Only nail to top of retainer wall if necessary.
8. TermiFilm™ is to be attached to the slab/brick face by Termite Resistant Sealant or Epoxy or 3M High Tact Multipurpose adhesive.

A6 Other relevant technical data

1. The TermiFilm™ is impregnated with permethrin, a synthetic insecticide, which repels and kills termites upon contact.
2. The TermiFilm™ is safe as it poses minimal risk to the homeowner, construction site workers and/or the environment. It is ideal for use in sensitive environments and in allergy free housing etc.

APPENDIX B - EVALUATION STATEMENTS

B1 Evaluation methods

Termite Risk Management – A2.2 (a)(i)&(iii) & 1.2.2 (a)(i)&(iii) reports from NATA accredited test lab and reports from an appropriately qualified persons.

B2 Reports

1. CSIRO; NATA Accreditation # 165, Entomology Termite Group Report No 2005/14 Evaluation of permethrin-treated Termifilm.
2. CSIRO; NATA Accreditation # 165, Entomology Termite Group Report No 2005/12 Evaluation of permethrin-treated Termifilm.
3. IQAP Masterbatch Analyse No. 242304; Quality Certificate No. 65B149; dated 18th April 2012.
4. APVMA Label 67062/55103 Termifilm* Termite Exclusion System.