Certificate of Conformity

Certification Body:

ICC Evaluation Service
JASANZ Accreditation No.
Z25750321UB

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Brea, CA 92821
United States
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icc-es.org

Certificate Holder:

TMA Corporation Pty Ltd
48 Century Road,
Malaga, WA 6090
www.termimesh.com.au

Tel: 08 9249 3868

Certificate number: CM-90002

THIS TO CERTIFY THAT

Termimesh System TM2

Type and/or use of product:

Termite management system – Physical barrier

Description of product:

The Termimesh System TM2 is a physical termite barrier system comprising:

1. **TM2**: a stainless steel mesh woven from nominally 0.17 mm diameter wire to achieve either:
   - nominal 40 X 30 wires per inch in cross direction for an approximate aperture size of 0.66 X 0.45mm - for areas with Heterotermes vagus; or,
   - nominal 40 X 40 wires per inch in cross direction for an approximate aperture size of 0.45 X 0.45mm - required for protection against Heterotermes vagus.

   The wire is designated either TMA600, SAWA-TM7 or TMA 725 and has properties equivalent to or better than grade 316 stainless steel. The mesh is made in various widths and supplied in 30m length roles.
2. **Termiparge:** parging mixture - special purpose adhesive cement used to bond the mesh to concrete, masonry or other termite resistant substrates.
3. **Termistop and Termiflange**: prefabricated stainless steel mesh collars, with stainless steel clamps to be used for slab penetrations.
4. **Termibond:** a two-part high strength epoxy adhesive.

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

BCA 2022

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.

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.

Vincent Chui – Vice President of Evaluation Services

Geoffrey Mitchell – Unrestricted Building Certifier

Date of issue: 12 June 2025

Date of expiry: 12 June 2028

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BCA 2022	Volume One		Volume Two and Housing Provisions	
Performance Requirement(s)	**N/A**	**N/A**	**N/A**	**N/A**
Deemed-to-Satisfy Provision(s):	**B1D4(i)**	**Structural provisions** - Determination of structural resistance of materials and forms of construction	**H1D2**	**Structural provisions**
			3.4.2	**Termite risk management –** Termite management systems
State or territory variation(s):	**NT - B1D4** **QLD - B1D4** **WA -B1D4**	**Structural provisions** - Determination of structural resistance of materials and forms of construction	**QLD 3.4.1(4)**	**Termite risk management** – requirements for termite management systems
			NT 3.4.2 **QLD 3.4.2**	**Termite risk management –** Termite management systems

SUBJECT TO THE FOLLOWING LIMITATIONS AND CONDITIONS AND THE PRODUCT TECHNICAL DATA IN APPENDIX A AND EVALUATION STATEMENTS IN APPENDIX B

Limitations and conditions:

Building classification/s: All Classifications

1. Limited only to actions by subterranean termites.
2. Installed by Termimesh accredited installers (holder of a current Accredited Installer Card).
3. Product installation shall be carried out in accordance with the Termimesh System Training and Reference Manual dated May 2021
4. The durable notice installed in accordance with NCC Volume One: B1D4(i)(ii), NT B1D4(i)(iii), QLD B1D4(i)(ii), WA B1D4(i)(ii) and Housing Provisions: 3.4.3 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 termite management measure; and
    c. The manufacturer's recommendations for the scope and frequency of future inspections for termite activity.
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 – Residential slab and footings or AS 3600: 2018 - Concrete Structures.

APPENDIX A – PRODUCT TECHNICAL DATA

A1 Type and intended use of product

The Termimesh System TM2 is a physical termite barrier system designed to stop subterranean termites from entering a building by blocking any entrances through the foundation.

A2 Description of product

See description on Page 1 of this certificate

A3 Product specification

Full product specification is contained in the Termimesh System Training and Reference Manual dated May 2021, Refer to the Certificate Holder for Product Data Sheets and Material Safety Data Sheets.

TM2 is a stainless steel mesh woven from nominal 0.17 mm diameter wire to achieve either:

- Nominal 40 x 30 wires per inch in cross directions for an aperture size of approximately 0.66 x 0.45 mm - for areas without Heterotermes vagus; or,
- Nominal 40 x 40 wires per inch in cross directions for an aperture size of approximately 0.45 x 0.45 mm - required for protection against Heterotermes vagus.

The wire is designated either TMA600, SAWA-TM7 or TMA725 and has properties at least equivalent to grade 316 stainless steel. The mesh is made in various widths and is supplied in 30m length rolls.

Termiparge is a proprietary adhesive cement used to bond TM2 to masonry and concrete surfaces. Termiparge cement is created by combining the dry and liquid components as directed. These components are: Termiparge Fastest Dry, Termiparge Fastest Liquid, Termiparge Standard Dry, and Termiparge Standard Liquid.

Termistop and Termiflange are prefabricated collars formed from the TM2 stainless steel mesh and, in conjunction with supplied Termimesh clamps, is used to seal around pipe and cable penetrations in slabs. Termistop and Termiflange are either embedded in the slab, or bonded to the slab surface using Termiparge. Termistop and Termiflange may also be fabricated on-site.

Termibond is any two-part high-strength epoxy compound used to bond TM2.

A4 Manufacturer and manufacturing plant(s)

Siam Wire Netting Co Ltd, Northern Region Industrial Estate 89/2 Moo 4, Highway No. 11, Tambol Banklang, Amphur Muang Lamphun 51000, Thailand.
TMA Corporation, Pty, Ltd., 48 Century Road, Malaga, WA 6090, Australia.

A5 Installation requirements

Refer to the Termimesh System Training and Reference Manual dated May 2021.

When used as a termite barrier in full masonry, cavity masonry or masonry veneer walls, the edge of the mesh shall be expressed to the outside surface or embedded into the back of the finished render.

A6 Other relevant technical data

Any referenced documents within the technical literature identified in Appendix A, A3 and Appendix A, A5.

APPENDIX B – EVALUATION STATEMENTS

B1 Evaluation methods

The following assessment methods have been used .

Assessment Method	Evidence of Suitability	B2 Reference Number
Volume One A2G3(2)(a)	Volume One A5G3(1)(e)- Certificate or report from a professional engineer or other appropriately qualified person	Items 1 - 12
Volume Two A2G3(2)(a)	Volume Two A5G3(1)(e)- Certificate or report from a professional engineer or other appropriately qualified person	Items 1- 12

B2 Reports

Ref No	Author	Reference	Date	Description
1	G.W. Richardson and L.C. Yap Department of Mines Western Australia	90T368	25/02/1991	Accelerated Corrosion Test
2	M. Lenz and S. Runko CSIRO Division of Entomology	Report No 92/17	16/12/1992	The Resistance of TERM I-MESH to Penetration by Subterranean Termites in the Field - Second Report
3	M. Lenz and S. Runko CSIRO Division of Entomology	Termite Group Report No 94/18 REF: HS 9/2/27	23/09/1994	The Termite Resistance of a Parging Material for Bonding Stainless Steel Mesh to Concrete: Field Trial in Tropical Australia
4	Entomology Calmarc Chemicals	Correspondence	23/08/1994	Properties of TERMI-PARGE Concentrate {T.P.c.)
5	M. Marosszeky The Building Research Centre The University of New South		14/10/1994	Technical Assessment of Termi Mesh Termite Barrier
6	M. Lenz and S. Runko CSIRO Division of Entomology	Termite Group Report No. 95/15 File No.: HS 9/2/27	16/09/1995	The Resistance of Stainless Steel Mesh (TERM I-MESH) to Attack by Subterranean Termites after Four to Five Years of Field Exposure: Assessment at Darwin in Northern Tropical Australia
7	J. Carrick Building Research Centre Unisearch Limited University of New South Wales		March 1996	Evaluation of the Parged Joint used in the "TERM I-MESH" Termite Barrier System
8	J. Carrick Building Research Centre Unisearch Limited University of New South Wales		August 1997	Report on Testing of Termite Barriers Around Pipe Penetrations Through a Concrete Slab

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9	J. Carrick Unisearch Limited	Job No. 35917	06/11/1998	New Installation Method for Protection of Slab Penetrations Against Subterranean Termites
10	G. Simundic The University of Newcastle Research Associates Limited	Project No.: A/213	January 2001	The Shear Capacity of Termi Mesh System
11	G. Sussex Sussex Materials Solutions Pty Ltd		15/12/2007	Corrosion Resistance of TMA 725 material used to manufacture Termimesh
12	B. Peters Brenton Peters Consulting		7/2/2018	Expert Opinion on Termimesh Conforming to the National Construction Code

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.