

ALTERM

NATIONAL PTY LTD

PHYSICAL TERMITE BARRIER

75 Lambton Road
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Broadmeadow NSW
2292

Phone (02) 49698055
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ABN 70 111 695 893

TERMITIUM

Installation Manual

29th November, 2010
Alterm National Pty Ltd
(Revision 3)

1. Product Description

Termitium is a termite proofing liquid designed to create a physical termite barrier against the ingress of subterranean termites by being applied to brickwork or render. Termitium is used externally and meets the requirements of **Australian Standards AS 3660.1 2000 and AS 3660.3 2000.**

Location- External

2. Application Range

Performance Level- Residential, Commercial and Industrial

Surfaces- Concrete and Masonry Walls

Substrates- Concrete, cement renders brickwork.

3. Product Range

Termitium Clear 20lt drum Barcode 9330209000282

Termitium Clear 5lt drum Barcode 9330209000299

4. Areas of Application

a. Termitium is to be applied to the lower courses of brickwork from the footing or slab edge as a (termite proofing application) until 75mm above finished ground level.

b. Termitium is to be applied to cement render extending from the footing or slab edge as a (termite proofing application) until 75mm above finished ground level.

5. Workmanship

By Alterm trained applicators, to Australian Standard AS 3660.1 2000

6. **Applications / Preparation**

- (a) Before applying Termitium ensure ALL surfaces have been thoroughly cleaned and mortar stains have been removed with acid wash.
- (b) All holes in mortar joints where Termitium is to be applied must be filled with matching mortar.
- (c) It is recommended that mortar joints on new buildings be ironed or struck in areas to be treated with Termitium.
- (d) Apply Termitium on a day where weather is to be fine; do not apply in wet conditions.
- (e) When surfaces are thoroughly dry, apply Termitium with brush or low pressure spray.
- (f) Apply Termitium to brickwork ensuring mortar joints are flood coated from footing to 75mm above finished ground level (fgl).
- (g) Apply Termitium to render ensuring surface of render is flood coated from footing to 75mm above finished ground level (fgl).

7. **Coverage** (quantities below will allow for two coat application).

- (a) Brickwork - 1 Litre per 2sq.metres
- (b) Concrete & cement render 1 Litre per 2sq meters
- (c) Concrete block- 1 Litre per 2sq meters

Note: Termitium is only to be applied as supplied, do not dilute.

Shake or stir drum well before applying Termitium to masonry surfaces.

8. **Cleaning equipment.**

To clean brushes and spray equipment use lacquer thinners of DUCO type eg (Zylene) and then flush with clean tap water.

9. **Movement Control Joints**

Expansion joints (closing control and articulation joints) shall be clean and free from any hard or incompressible material for the full width and depth of the joint (before backing rod and Alterm Termite Proof Silicone (CSIRO TA 239) is inserted to prevent access of subterranean termites.

10. **Garage Driveways / External Patio's**

These areas are able to be treated by means of either Alterm Termite Proof Silicone as a control joint or Alterm Marine Grade Aluminium (as shown in the Alterm National Installation Manual).(www.alterm.com.au)

11. **Wall & Floor / Pipe Penetrations for Services**

- (a) Wall penetrations are to be treated with either, Alterm Termite Proof Silicone or Alterm Termortar (grey or off white) as shown in the Alterm National Installation Manual (www.alterm.com.au).
- (b) Floor penetrations are to be treated with either, Alterm Termite Proof Silicone and Alterm marine grade aluminium collars or Alterm Cementicious Parge (as shown in the Alterm National Installation Manual (www.alterm.con.au)).

12. Installation Certificate



ALTERM NATIONAL ABN 70 111 695 893
 Certificate of Installation
 Physical Termite Barrier
 AS 3660.1 2000
 Ph: (02) 4969 8055

- * Installation Report No.:
- * Accredited Installers Name:
- * Accredited Installers Alterm National Number:
- * Pest Controllers Licence Number:

NOTE: Annual inspections required / Ref T&C Point 3

The original copy of this report is to be submitted to ALTERM NATIONAL PTY LTD by the end of every month.

1. Accredited Installation Company Details: _____ Mobile: _____
 Name: _____ Phone: _____
 Address: Street, _____ City _____ STATE _____ Post Code _____
2. Date of Installation: _____
3. Address of property to be protected from termites:
 Address: Street, _____ City _____ STATE _____ Post Code _____
4. Builder's Name: _____ Contact Number: _____
5. Property Owner's Name: _____ Contact Number: _____
6. Property Owner's or Builders Contact Address (if known):
 Address: Street, _____ City _____ STATE _____ Post Code _____
7. Name of Council Area which property is within: _____

8. Installation type used: Pre or Post Construction / Full or Partial Alterm treatment

<input type="checkbox"/> PENETRATIONS	<input type="checkbox"/> PVC ×	<input type="checkbox"/> Elect. ×	<input type="checkbox"/> Phone ×	<input type="checkbox"/> Water ×	Total:
Batch Numbers:					
<input type="checkbox"/> PERIMETER	<input type="checkbox"/> Alterm L/m	<input type="checkbox"/> Termitium L/m	<input type="checkbox"/> Cemparge L/m	<input type="checkbox"/> Piers ×	
Batch Numbers:		- Ltrs Used			
<input type="checkbox"/> OTHER:	Batch Number:				

9. Was the site / job / property to be protected, prepared to Alterm National's Installation Requirements: YES NO
 Signature of ALTERM NATIONAL Installer: _____ Date: _____
 Signature of Owner or Builder: _____ Date: _____

10. Draw plan view of your installation here or attach marked up house plan to this certificate:

LEGEND: (X) PVC \\\\\ Perimeter (E) Elect. (X) Piers (W) Water --- No barrier (P) Phone G Gas	
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Terms and Conditions: Alterm National Pty Ltd (20 year warranty).

DISCLAIMER OF LIABILITY TO THIRD PARTIES:- This Certificate is made solely for the benefit of the owner/builder named on the face of this Certificate and no liability or responsibility whatsoever is accepted to any third party who may rely on the Certificate either wholly or in part. Any third party acting or relying on this Certificate whether in whole or in part does so at their own risk.

1. This ALTERM NATIONAL Termite Protection Program is dependent upon the provision of a complete ALTERM NATIONAL physical termite barrier around the structure(s). If this ALTERM NATIONAL barrier is in any way disturbed, then entry by subterranean termites is possible.
2. It is the responsibility of the builder to ensure that the site is properly prepared in accordance with the Australian Standard AS 3660.1 before the ALTERM NATIONAL barrier is installed.
3. The Australian Standard AS 3660 **strongly** recommends inspections at intervals not exceeding 12 months. Where the termite risk is high, or the building type is susceptible to termite attack, more frequent inspections (3-6 months) should be undertaken. Termites can still build around physical barriers, but they can then be detected more readily during routine inspections by an expert in termite management.
4. This treatment only applies to the protection of the structure(s) as detailed on the face of this Certificate against attack by subterranean termites. It does not provide for protection against any other pest/s. In particular it does not provide any protection against “dry wood termites”, FAMILY: KALOTERMITIDAE.
5. This ALTERM NATIONAL termite protection program can be rendered ineffective due to building alterations, renovations, additions (including pergolas, awnings, veranda’s etc; introducing infested materials, off cuts and formwork left on site, materials stored against the building, disturbing external gardens pathways, etc adjacent to the areas protected and through establishing lawns and/or garden beds adjacent to the protected areas. (Such changes to the property are likely to breach or bridge the termite protection barrier). Where such changes occur further protection is essential. Precautions must be taken to ensure that the ALTERM NATIONAL barrier is not damaged in any way.
6. With a concrete slab on ground structure, it is important that the edge of the slab remains exposed and is not covered up by garden materials, e.g. soil, pine bark or similar. Air vents or weep holes must never be blocked.
7. Do not use untreated timbers for garden beds or retaining walls as they may attract termites. Increased moisture or poor ventilation will also provide conditions for increased risk of termite attack.
8. In the event of any controversy or claim arising out of, or relating to the Certificate, it will be settled by arbitrations in accordance with the rules of the Institute of Arbitrators Australia. Any judgements from such arbitration shall be binding upon both parties.

IMPORTANT: If you become aware of any breaches to the ALTERM NATIONAL barrier or changes to the building structure, such as those detailed above, you should immediately contact the Pest Management Firm who installed your ALTERM NATIONAL barrier.

It is your responsibility to ensure that the inspections, strongly recommended by the Australian Standard AS 3660, are performed. Please contact you ALTERM NATIONAL installer for further details.

VERY IMPORTANT INFORMATION: The Australian Standard AS 3660 Termite Management provides details for minimising the risks to buildings from termite attack, and methods for treatment to control termite infestations. The provision of a complete termite barrier will impede and discourage termite entry into buildings. It cannot prevent termite attack. Termites can still bridge or breach barriers but they can be detected more readily during routine inspections.

13. **Meter Box Stickers**

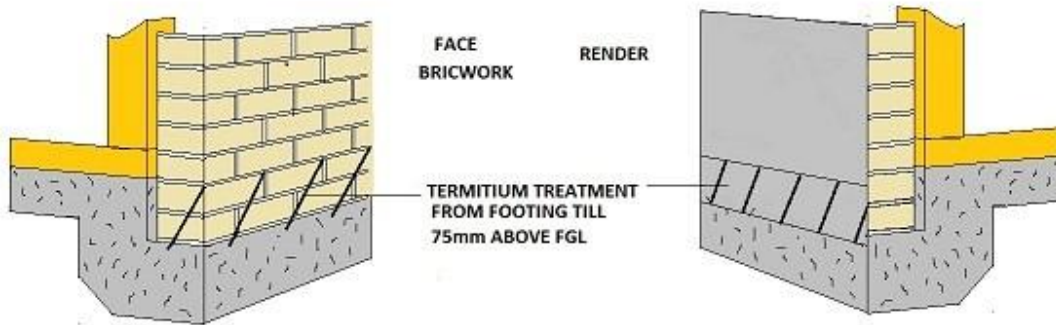
ALTERM NATIONAL TERMITE BARRIER	
Address: 75 Lambton Rd, Broadmeadow NSW 2292 Phone: 02 4969 8055	
<i>ALTERM NATIONAL TERMITE PROTECTION NOTICE</i>	<i>PHYSICAL BARRIER 2 IN 1 SYSTEM</i>
IMPORTANT	
This building has the Alterm National 2 in 1 barrier system installed. Alterm National barrier complies with AS 3660.1.2000 AS 3660.3.2000. Termite Barrier. Alterm National P/L warrants the product providing the installation is carried out by an accredited Pest Controller trained by Alterm National P/L.	
CERT NO'S	DATE INSTALLED
PERIMETER CAVITY TREATED	YES / NO
PENETRATIONS TREATED	YES / NO
ALTERM PRODUCTS USED.....	
INSTALLERS ACCRED. NO.....	
COMPANY NAME.....	
CONTACT NUMBERS.....	
CAUTION - Disturbance by others after date of installation could render the ALTERM NATIONAL TERMITE BARRIER VOID. If in doubt please contact the ALTERM NATIONAL installer above or contact ALTERM NATIONAL office (02)4969 8055. Ensure the barrier is 75mm min. Above gardens and paths NOTE-It is the building Owner's responsibility to arrange visual inspection by an expert in pest control management at ANNUAL intervals to check for possible ingress of TERMITES or associated species. ABN -70 111 695 893	

14. **Types of construction suitable to be treated with Temitium**

- a) Monolithic slab construction (cavity brick or double brick).
- b) Masonry retaining walls to be treated from footing to 75mm above finished ground level (prior to waterproofing).
- c) Masonry surfaces behind access ramps prior to the installation of ramps (treat all surfaces from footing to 75mm above access ramp).
- d) Masonry support walls between concrete slabs (internal or external wall may be treated).
- e) Pre & Post Construction masonry surfaces.
- f) Internal masonry walls on zero alignment buildings. (g) Grouted surfaces in tilt panel construction.

15. Termitium Drawings

TERMITIUM



TERMITIUM V-JOINT APPLICATION

