



Product Name: Greenzone Termite and Insect Repellent Barrier  
APVMA Approval No: 82746/106642



Label Name:	Greenzone Termite and Insect Repellent Barrier
Signal Headings:	POISON KEEP OUT OF REACH OF CHILDREN READ SAFETY DIRECTIONS BEFORE OPENING OR USING
Constituent Statements:	ACTIVE CONSTITUENT: 2 g/kg Bifenthrin ALSO CONTAINS: 6.3 g/kg Antimony Trioxide
Mode of Action:	GROUP <b>3A</b> INSECTICIDE
Statement of Claims:	A barrier against concealed subterranean termite, cockroaches and ants entry when used with concrete slab-on-ground, pipe penetrations, window flashing gaps and brick walls.
Net Contents:	Contents: 2 rolls 100 mm W x 25 mL The rolls must not be sold separately. Do not destroy label while product remains.
Restrains:	DO NOT use for remedial treatment of pre-existing termite damage
Directions for Use:	This section contains file attachment.
Other Limitations:	
Withholding Periods:	
Trade Advice:	

General Instructions:	This section contains file attachment.
-----------------------	--

Resistance Warning:	<p>For insecticide resistance management Greenzone Termite and Insect Repellent Barrier is a Group 3A insecticide. Some naturally occurring insect biotypes resistant to Greenzone Termite and Insect Repellent Barrier and other Group 3A insecticides may exist through normal genetic variability in any insect population. The resistant individuals can eventually dominate the insect population if Greenzone Termite and Insect Repellent Barrier or other Group 3A insecticides are used repeatedly. The effectiveness of Greenzone Termite and Insect Repellent Barrier on resistant individuals could be significantly reduced. Since occurrence of resistant individuals is difficult to detect prior to use, Termite Solutions Victoria Pty. Ltd accepts no liability for any losses that may result from the failure of Greenzone Termite and Insect Repellent Barrier to control resistant insects.</p> <p>Greenzone Termite and Insect Repellent Barrier may be subject to specific resistance management strategies. For further information contact your local supplier or Termite Solutions Victoria Pty. Ltd representative or local agricultural department agronomist.</p>
---------------------	---

Precautions:	
--------------	--

Protections:	<p>Protection of Wildlife, Fish, Crustaceans and the Environment Do not contaminate dams, rivers, streams, waterways, creeks or drains with product or the used container. Do not use as a fishpond liner.</p> <p>Protection of Pets and Livestock Before applying, remove animals and pets from the areas to be treated.</p>
--------------	---

Storage and Disposal:	<p>Store in closed original packaging, in a cool, well-ventilated area away from children, animals, food and feedstuffs. Do not store for prolonged periods in direct sunlight. Do NOT allow product to enter sewers, drains, creeks or any other waterways.</p> <p>When installing Greenzone Barrier it is likely there will be some off-cut material. Wherever possible use these off-cuts for patches, repairs, etc. If pieces cannot be used they may be placed within the cavity. If this is not possible, Greenzone Barrier off-cuts should be placed in a sealed plastic bag and disposed of via an approved industrial waste disposal site.</p>
-----------------------	---

Safety Directions:	Avoid contact with skin. When using the product, wear elbow-length chemical-resistant gloves. Wash hands after use. After each day's use wash gloves and contaminated clothing.
--------------------	---

First Aid Instructions:	<p>If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26 Phone New Zealand 0800 764 766</p>
-------------------------	---

First Aid Warnings:	
---------------------	--

**DIRECTIONS FOR USE (All states except Tas)**

<b>Pest</b>	<b>Situations</b>	<b>Rate</b>	<b>Critical Comments</b>
Subterranean Termites ; American cockroaches, ants	Domestic, commercial, and industrial structures to form a complete perimeter pre-construction treatment providing a flexible termite management system that may be used as part of an integrated termite management system.	Single layer thickness is sufficient to form an effective termite and insect barrier.	Greenzone Termite and Insect Repellent Barrier must be applied where expansion joint foam is required: construction gap between 2 vertical/parallel concrete slabs, around pipe penetrations, a gap between the window flashing and the bricks to prevent subterranean termites, ants and cockroaches from entering around the perimeter of the building.  For specific details on installation of foam for perimeter treatments, see general instructions.

**NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION.**

## **General Instructions**

### **Product information**

Greenzone Termite and Insect Repellent Barrier is a professional termite management system for new structures and extensions to existing structures. The purpose of Greenzone Termite and Insect Repellent Barrier is to prevent subterranean termites, ants and cockroaches from entering the premise. Greenzone Termite and Insect Repellent Barrier is not designed as a remedial treatment for existing termite damage.

Greenzone Termite and Insect Repellent Barrier contains an active ingredient that is dispersed fully throughout the foam roll. This means that there is no top or bottom to the foam – it will be equally effective no matter which side is up.

Greenzone Termite and Insect Repellent Barrier is to be used for perimeter application in combination with a concrete slab acting as physical termite barrier, and/or in combination with other termite management systems as per AS3660.1. When used in combination with a concrete slab acting as a physical barrier, the slab must be poured in accordance with AS2870.1 Residential slabs and footings recommendations.

### **Critical application details**

The installing of the critical application Greenzone Termite and Insect Repellent Barrier must be in accordance with Australian Standard AS3660.1 recommendations.

### **Pre-Installation**

Prior to installing Greenzone Termite and Insect Repellent Barrier, it is recommended that a site inspection is performed and the following precautions are carried out. Elimination of any active nest of economically important wood feeding species of subterranean termite (as per AS3660.1) found within the property boundary up to a distance of 50m from the proposed new building work. All tree stumps, logs, and roots, shall be excavated and removed from the building footprint. All timber off-cuts, building debris, removable framework and other waste materials shall be removed from the area where the Greenzone Termite and Insect Repellent Barrier is to be installed. All structural material below the ground should be made from termite resistant material such as masonry, concrete, steel etc.

## **Joining Foam**

In almost all situations Greenzone Termite and Insect Repellent Barrier is held in place by construction materials as the structure is built. In such cases adhesives or bonding agents used to join foam are required until these construction components are installed. In situations where construction materials do not exert pressure on foam piece overlaps such as perimeter cavities, a permanent bond must be created. Such a bond can be made by applying Termiflex sealant.

Greenzone Termite and Insect Repellent Barrier foam can be joined using a butt joint, created using an appropriate adhesive, or bonding agent such as HomeGuard Termiflex. Appropriate adhesives are those designed by the manufacturer to provide a construction grade impervious bond between the two joining foam, allowing the system to meet Australian Standard 3660 Termite Management with respect to providing a barrier to subterranean termites. If unsure of the suitability of the adhesive to be used contact the adhesive manufacturer for technical support.

To create a suitable joint, take two pieces of Greenzone Termite and Insect Repellent Barrier foam and place them end to end. Apply Termiflex to the end of one piece and press the end of the second piece onto the sealant. The result is one continuous piece of foam with a silicon join. There should be no overlapping of the Greenzone Termite and Insect Repellent Barrier foam.

## **Repairing Tears or Gaps**

If the foam is ripped or torn it must be repaired by applying a single foam piece of sufficient size to fully cover the gap. The repair foam is to be bonded onto the tear/gap as detailed above in 'Joining Foam.'

## **In-fill Slab**

Secure the foam strip to the outer edge of the brickwork and fold the foam over the top of the brickwork securing it to the internal brickwork towards the footings. Ensure that prior to the slab being poured that the foam is securely held in place using an appropriate adhesive or bonding agent designed by the manufacturer to provide a construction grade bond between the Greenzone Termite and Insect Repellent Barrier foam and the material it is being bonded to. If a separate damp proof course material is being used it should be installed above the Greenzone Termite and Insect Repellent Barrier level.

## **Corners**

Corners must be carefully installed ensuring finished corner is smooth and the Greenzone Termite and Insect Repellent Barrier is continuous. To create a corner joint, cut two pieces of Greenzone Termite and Insect Repellent Barrier foam, and remove the protective paper on each piece to reveal the adhesive sides. Place the two pieces to form a 90 degree angle and firmly press the pieces together, allowing the adhesive to stick the pieces together with no gaps.

## **Paving & Tilt Panels**

Where concrete paving is abutting the external perimeter of the building, Greenzone Termite and Insect Repellent Barrier is applied in between concrete and brick work or concrete panel or cladding.

## **Service Penetrations**

### **Vertical penetrations in the perimeter**

When installing Greenzone Termite and Insect Repellent Barrier as a perimeter application, service penetrations must be protected. To construct a Greenzone Termite and Insect Repellent Barrier penetration collar each penetration requires an appropriate amount of Greenzone Termite and Insect Repellent Barrier to be wrapped around the pipe penetration using the adhesive back.

When working with a 100mm thick concrete slab, ensure that you cut an 800mm piece of Greenzone Termite and Insect Repellent Barrier expansion foam. For every 100mm of concrete, the amount of Greenzone Termite and Insect Repellent Barrier used must increase by an additional 800mm (eg. A 200mm concrete slab requires a 1600mm length of Greenzone Termite and Insect Repellent Barrier expansion foam, wrapped around the pipe penetrations.) With each wrap, there must be a 20mm overlap of foam.

Once you have cut the correct length of foam, peel off the protective paper to reveal the adhesive. Once you have the sticky surface exposed, wrap the Greenzone Termite and Insect Repellent Barrier around the pipe penetration, ensuring a 20mm overlap to ensure there are no gaps.

Reinforcing mesh should be cut clear of the penetration pipe to allow the Greenzone Termite and Insect Repellent Barrier to be correctly positioned. Expansion joint foam is not required to be installed so long as Greenzone Termite and Insect Repellent Barrier is covering the pipe penetration where concrete is poured.

### **Multiple penetrations in the perimeter**

Clusters of penetrations in close proximity are termed multiple penetrations or cluster penetrations. Treat each penetration separately ensuring that they are each wrapped individually with Greenzone Termite and Insect Repellent Barrier in the same manner as instructed above. Ensure the Greenzone Termite and Insect Repellent Barrier foam has a 20mm overlap between each of the penetrations. Ensure a double layer of Greenzone Termite and Insect Repellent Barrier foam, as described in the vertical penetration directions above, protects each penetration.

### **Service Requirements:**

Greenzone Termite and Insect Repellent Barrier contains an insecticide, which will both kill and repel termites that come into contact with it. The objective of Greenzone Termite and Insect Repellent Barrier is to prevent concealed access from subterranean termites. Termites can still crawl around the barrier, but if this occurs, a visual mud trail (often referred to as a tunnel or lead) will be evident and regular inspections will identify this.

\*Australian trials to date indicate that a correctly installed Greenzone Termite and Insect Repellent Barrier will prevent concealed termite entry by subterranean termites for at least two years. Regular competent inspection is recommended as part of an ongoing termite management program. Service requirements are to be determined as a result of at least an annual inspection by a licensed Pest Control Operator. More frequent inspections may be required in high-risk termite areas. In determining the need for service, factors such as local termite pressure, breaches of the barrier and termiticide longevity should be considered.

Subterranean termites are on occasions capable of bridging termite barriers and therefore regular inspections, as detailed in the Australian Standard AS 4349.3, will significantly increase the probability of detection of termite activity before any damage or costly repairs are required.