



**READ SAFETY DIRECTIONS BEFORE OPENING OR USING**

# **TERM-seal Multi-Purpose Active**

## **Termite and Waterproof Barrier**

**ACTIVE CONSTITUENT: 0.65 g/L BIFENTHRIN**



**GROUP**

**3A**

**INSECTICIDE**

**For the protection of buildings and other structures from  
concealed entry by termites**

**RESTRICTED CHEMICAL PRODUCT – ONLY TO BE SUPPLIED TO OR USED BY AN  
AUTHORISED PERSON**

**READ INSTRUCTIONS CAREFULLY BEFORE USING THIS PRODUCT**

**Contents: 15 Litres**

TERM-seal (Australia) Pty Ltd.  
18 Highfield Circuit  
Port Macquarie  
New South Wales 2444

Tel. No. 1300 657 822

APVMA Approval No: 62740/43873  
Date of Manufacture:  
Batch Number:

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**DIRECTIONS FOR USE**

All States (except Tasmania)

<b>Pest</b>	<b>Situation</b>	<b>Rate</b>	<b>Critical Comments</b>
Subterranean Termites	Pre-construction and post-construction termite protection and water proof barrier for domestic, commercial and industrial buildings and other slab-on-ground structures	In conjunction with TERM-seal PRM Active or TERM-seal Sealant Active, a single layer of TERM-seal Multi-Purpose Active forms a water proof and termite resistant barrier.	TERM-seal Multi-Purpose Active is one component of the TERM-seal Active System. It may be installed together with TERM-seal PRM Active or TERM-seal Sealant Active to form a complete and continuous barrier.  Concrete slab must be constructed in accordance with AS 2870.1.
	Waterproofing and termite proofing back-filled walls	1.3 mm minimum dry film	Minimum thickness required for waterproofing and termite resistance.
	Construction joints		
	Posts and poles		

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

**GENERAL INSTRUCTIONS****INSECTICIDE RESISTANCE WARNING****GROUP 3A INSECTICIDE**

For insecticide resistance management TERM-seal Multi-Purpose Active is a Group 3A insecticide. Some naturally occurring insect biotypes, resistant to TERM-seal Multi-Purpose Active 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 TERM-seal Multi-Purpose Active or other Group 3A insecticides are used repeatedly. The effectiveness of TERM-seal Multi-Purpose Active on resistant individuals could be significantly reduced. Since occurrence of resistant individuals is difficult to detect prior to use, TERM-seal (Australia) Pty Ltd. accepts no liability for any losses that may result from the failure of TERM-seal Multi-Purpose Active to control resistant insects. TERM-seal Multi-Purpose Active may be subject to specific resistance management strategies. For further information, contact your local Department of Agriculture.

**PRODUCT DESCRIPTION - TERM-seal Active System**

TERM-seal Multi-Purpose Active, TERM-seal Sealant Active and TERM-seal PRM Active are used together to form a continuous waterproof and termite resistant barrier around the perimeter 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. In this situation, the concrete slab must be poured in accordance with AS 2870.1: Residential Slabs and Footings Recommendations.

TERM-seal Multi-Purpose Active is the basic building block of the TERM-seal Active system. It is an acrylic polymer latex composition with a high loading of inorganic fillers. On curing, it forms a tough, flexible, termite resistant and waterproof film.

TERM-seal Sealant Active is a modified form of TERM-seal Multi-Purpose Active that is used to fill larger gaps, cracks and fissures and can be used to attach TERM-seal PRM Active to concrete and masonry, repair puncture holes in TERM-seal PRM Active or to join lengths of TERM-seal PRM Active. (For further information, see TERM-seal Sealant Active label.)

TERM-seal PRM Active is a poly fibre reinforced membrane. It is used to cover brick/block cords and joints (110mm and 230mm width), and as ant capping (150mm width) in bearer and joist situations

Bifenthrin is the active ingredient in TERM-seal Multi-Purpose Active, TERM-seal Sealant Active and TERM-seal PRM Active. The active ingredient content of TERM-seal Multi-Purpose Active and TERM-seal Sealant Active is such that when these liquid products cure, the resulting barrier has a bifenthrin content of 1g/kg, the same as that of TERM-seal PRM (excluding the support matrix).

The active ingredient is uniformly dispersed throughout the products. It both kills and repels termites. When properly installed, the TERM-seal system forms a full and continuous waterproof and termite resistant perimeter barrier that works by forcing termite activity into the open where it can be detected by regular inspection (see **SERVICE REQUIREMENT** section below).

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## **CRITICAL APPLICATION DETAILS**

TERM-seal Multi-Purpose Active can only form an effective termite resistant barrier when installed as part of a comprehensive termite management system such as the TERM-Seal Active system and must be installed in accordance with Australian Standard AS 3660.1.

### **Pre-installation**

Before installing TERM-seal Active system, a site inspection is recommended and the following precautions taken:

- Eliminate any active nest of economically important wood feeding species of subterranean termites (as per AS 3660.1) found within the property boundary or within 50 metres of the proposed new construction.
- Excavate and remove all tree stumps, logs and roots from the building footprint.
- Remove all timber off-cuts, building debris, removable framework and other waste materials from the area where the TERM-seal system is to be installed.
- Ensure all structural components below the ground are made from termite resistant material such as masonry, concrete, steel, etc.

## **INSTALLATION**

### **Cavity Protection**

TERM-seal Multi-purpose Active can be used to protect the cavity formed between the brick work and the concrete slab in slab-on-ground and in-fill slab construction situations from termite entry. In the cavity, the TERM-seal Multi-purpose Active must be applied from the internal brickwork to the rebate edge.

### **Slab Edge Exposure**

In slab edge exposure situations a continuous coat of TERM-seal Multi-Purpose Active is applied around the entire building, 75mm wide and with a minimum thickness of 1.3mm.

### **Construction Joints**

For details of application of TERM-seal Multi-Purpose Active over construction joints see the Term-seal Installation Manual.

### **General wall, concrete and masonry applications**

When applying TERM-seal Multi-Purpose Active as a barrier to walls, masonry or concrete, all surfaces must be clean and primed (see Term-seal Installation manual). TERM-seal Multi-Purpose Active applications in these situations must be 50mm minimum width.

### **Back Filled Walls**

In situations where hydrostatic water pressure may exist, all joints must have an application thickness of not less than 4mm. Allow at least 48 hours for the TERM-seal Multi-Purpose Active to cure before returning the soil to the wall area.

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**Joining Strips of TERM-seal PRM Active**

Strips of TERM-seal PRM Active may be joined by overlapping by a minimum of 40mm. Coat the upper edge of one strip using TERM-seal Sealant Active and place the second strip of TERM-seal PRM Active firmly on top of the first. To ensure an impenetrable bond is established, apply a coat of TERM-seal Multi-Purpose Active at least 40mm either side of the join

**Posts and Poles**

Apply a continuous layer of TERM-seal Multi-Purpose Active to a minimum thickness of 1.3mm to the butt and to 50mm above ground or concrete height. Ensure any cracks or fissures are completely filled.

**APPLICATION INSTRUCTIONS****Equipment**

TERM-seal Multi-Purpose Active can be applied by brush, roller, spray or trowel.

**Curing**

The rate of curing depends on the weather conditions at the time of application. In hot, dry and/or windy conditions, curing may be very rapid.

**Cleaning Equipment**

Equipment used to apply TERM-seal Multi-Purpose Active can be cleaned with water. The need to clean brushes, rollers, etc. between jobs can be minimised by wrapping the equipment in a plastic bag or cling wrap to slow the rate of curing of the product.

**SERVICE REQUIREMENTS**

The active ingredient in TERM-seal Multi-Purpose Active, TERM-seal Sealant Active and TERM-seal PRM Active will both kill and repel termites that come into contact with it. The purpose of the TERM-seal system, when properly installed, is to prevent concealed entry of subterranean termites. Australian trials indicate that a correctly installed TERM seal barrier will prevent concealed termite entry by subterranean termites for up to 36 months. Termites can still go around the barrier but in order to do so they will be forced into the open where they will construct a visible mud trail (also known as a tunnel or lead).

Regular competent inspection is recommended as part of an on-going 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 inspections, factors such as local termite pressure and breaches of the barrier should be considered.

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

**RE-ENTRY PERIOD**

DO NOT allow entry into treated areas until the spray has dried unless wearing elbow-length chemical resistant gloves.

**PROTECTION OF FISH, CRUSTACEANS AND THE ENVIRONMENT**

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Do not contaminate dams, rivers, streams, creeks, drains or other waterways with the product or used container. Do not use in the construction or repair of fish ponds.

### **PROTECTION OF PETS AND LIVESTOCK**

Before using, remove animals and pets from the areas to be treated.

### **STORAGE AND DISPOSAL**

Store in closed original packaging, in a cool well-ventilated area away from children, animals, food and feedstuffs. DO NOT store for long periods in direct sunlight. DO NOT allow product to enter sewers, gutters or storm water drains, creeks or any other waterways. Use within 12 months of opening.

In the event that there is surplus liquid to be disposed of, the material can be coated on top of the perimeter barrier. If this is not possible, coat the material onto a sheet of plastic or other waste material and allow to cure. Place the cured material in a sealed plastic bag and dispose of at an approved industrial waste site.

### **SAFETY DIRECTIONS**

Harmful if absorbed by skin contact, inhaled or swallowed. May irritate the eyes, nose and throat and skin. Avoid contact with eyes and skin. Do not inhale spray mist or vapour. When using the product, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing), elbow-length chemical resistant gloves, face shield or goggles. When using the prepared spray, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing), elbow-length chemical resistant gloves, goggles or safety glasses and half face respirator. If product on skin, immediately wash area with soap and water. If product in eyes, wash it out immediately with water. Wash hands after use. After each day's use wash gloves, goggles or safety glasses, respirator and if rubber wash with detergent and warm water, and contaminated clothing.

### **FIRST AID**

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 131 126.

### **Material Safety Data Sheet**

Additional information is listed in the material safety data Sheet, available from [www.termseal.com.au](http://www.termseal.com.au)

### **CONDITIONS OF SALE**

TERM-seal (Australia) Pty. Ltd. warrants that this product conforms to its chemical description and that TERM-seal (Australia) Pty Ltd. will replace this product if it is found to be faulty as a result of the manufacturing process. As the use of this product is beyond the control of the manufacturer, no warranty is either expressed or implied and no liability is accepted for any damage or injury arising from its use or misuse.

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