

READ SAFETY DIRECTIONS BEFORE OPENING OR USING

TERM-Seal Sealant Active



Termite and Waterproof Barrier



ACTIVE CONSTITUENT: 0.75 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

Sale of individual cartridges is illegal.

- Contents:
- | | |
|-------------------|--------------------------|
| 360 g Cartridge X | <input type="checkbox"/> |
| 760 g Sausage X 6 | <input type="checkbox"/> |
| 4 L pail | <input type="checkbox"/> |
| 10 L pail | <input type="checkbox"/> |

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APVMA Approval No: 62739/43872
Date of manufacture:
Batch no.

DIRECTIONS FOR USE

All States (except Tasmania)

Pest	Situation	Critical Comments
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	TERM-seal SealantActive is one component of the TERM-seal Active System. It may be installed together with TERM-seal PRM Active or TERM-seal Multipurpose Active to form a complete and continuous barrier. Concrete slab must be constructed in accordance with AS 2870.1.

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 Sealant Active is a Group 3A insecticide. Some naturally occurring insect biotypes, resistant to TERM-Seal Sealant 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 Sealant Active or other Group 3A insecticides are used repeatedly. The effectiveness of TERM-Seal Sealant 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 Sealant Active to control resistant insects. TERM-Seal Sealant 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 Sealant Active is used in conjunction with other Termseal products 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 Multipurpose Active label.)

TERM-seal PRM Active is a polyethylene reinforced membrane. It is used to cover brick cords and joints (110mm 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).

CRITICAL APPLICATION DETAILS

TERM-seal Sealant 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

Ant capping

When joining metal sheet capping or using TERM-seal PRM Active (150mm) capping strip, apply two beads of TERM-seal Sealant Active to achieve a minimum coverage of 1mm continuous across the metal capping, 10mm apart and screw or rivet

together. Fill any gaps between the hold down rod/bolt and the ant cap with TERM-seal Sealant Active.

For TERM-seal PRM Active (150mm) capping strip, apply a liberal amount of Term-seal Sealant to masonry to ensure a bond.

Cavity Protection

TERM-seal Sealant 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 Sealant Active must be applied from the internal brickwork to the rebate edge.

Brick Cords

Ensure the top of the brick course, at damp course level, is free from excess mortar, dust and other loose debris. Apply TERM-seal Sealant Active in continuous beads, not more than 50mm apart and parallel to the line of bricks. Ensure that there is sufficient sealant to firmly adhere the TERM-seal PRM Active (110mm strip) to the brickwork completely closing off the brick cords. Roll out the strip as soon as practicable after a satisfactory layer of TERM-seal Sealant Active has been established.

Construction Joints

Apply continuous beads of Term-seal Sealant along either side of joint and then roll TERM-seal PRM Active (110mm strip) over the joint. Use a cornering roller to bed the TERM-seal PRM Active firmly to the concrete. Ensure the TERM-seal PRM Active (110mm) is continuous across the entire slab, any rebates and 50mm down each side of slab edge.

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.

Repair of TERM-Seal PRM Active

Coat an area at least 50mm around the edge of the puncture or tear using TERM-seal Multi-Purpose Active or TERM-seal Sealant Active.

Saw Cuts

TERM-seal Sealant Active can be used to seal saw cuts provided that the saw cut penetrates less than 50% of the way through the slab. Ensure that the saw cut is clean and free from dust and other debris before applying TERM-seal Sealant Active. If necessary, use a trowel or other bladed tool to force the sealant into the cut to a minimum depth of 20mm.

Shrinkage Cracks

TERM-seal Sealant Active can be used to fill shrinkage cracks. If necessary use an abrasive wheel to widen the crack to at least 4mm to ensure that a minimum fill depth of 20mm is obtained.

Corners

When turning corners with TERM-seal PRM Active, apply TERM-seal Sealant Active to the TERM-seal PRM Active laid and overlap in the new direction.

Slabs poured separately to footings

TERM-seal Sealant Active can be used to form a fillet seal between the footing and the slab.

Concrete Slab Penetrations

For details see Term-seal installation manual.

APPLICATION INSTRUCTIONS**Equipment**

TERM-seal Sealant Active can be dispensed from a caulking gun or applied with a trowel, spatula or other bladed tool. Ensure that the gap to be filled is clean and free from dust and other debris before applying TERM-seal Sealant Active. If necessary, use a trowel or other bladed tool to force the sealant into the cut to a minimum depth of 20mm.

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 Sealant Active can be cleaned up 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

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 any waste sealant generated in the course of a job, this should be placed in a sealed plastic bag and disposed 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 vapour. When using the product, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing), elbow-length chemical resistant gloves. 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 and contaminated clothing.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 131126.

Material Safety Data Sheet

Additional information is listed in the material safety data Sheet, available from 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.
