

**POISON**

**READ SAFETY DIRECTIONS BEFORE USING**

**KEEP OUT OF REACH OF CHILDREN**



RLP  
Approved



# Termcoat<sup>®</sup> Sealant

## Termite Surface Barrier

**ACTIVE CONSTITUENT: 10 g/L BIFENTHRIN**

GROUP	3A	INSECTICIDE
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For use on buildings during or after construction for creating a surface barrier against termite movement on masonry and render inspection zones as defined in Australian Standard AS 3660 series, Termite Management

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**Contents: 5L, 10L, 20 L**

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## TERMCOAT®

A ready to use spray on termite management treatment for mortar, render and other masonry

### DIRECTIONS FOR USE:

#### RESTRAINTS

DO NOT apply during rain, if rain is expected within 2 hours or if the surface to be treated is wet, dirty or defective.

DO NOT apply unless all required SURFACE PREPARATIONS have been met. Confirmation with the licensed builder responsible for the building construction is required with respect to the quality of mortar bed joints/courses and perpend.

SITUATION	PEST	RATE	CRITICAL COMMENTS
Wall Cavity below damp proof course (Buildings that include a concrete slab on footing construction - South of the Tropic of Capricorn only)	Subterranean termites (excluding the giant termite, <i>Mastotermes darwiniensis</i> )	45 mL Termcoat per linear metre per treatment (2 treatments)	<b>This treatment is to be applied in conjunction with the external treatment indicated below.</b> Apply two treatments to the cavity below the damp proof course. Injection treatments through holes drilled in the mortar joint above the first course of bricks provides the minimum treatment width required within the wall cavity. Treatments are to be made using cavity injection equipment with multi-directional nozzles. Injection equipment must be able to deliver a constant pressure so that an even treatment is applied. Start by using a pressure of 10 psi and adjust as necessary to deliver the required rate of 45 mL/linear metre. Injection holes are to be drilled at 480 cm centers (2 standard brick lengths) through mortar joints. Apply the second coat immediately following completion of the first coat. Prior to external surface treatment, ensure all drill holes are repaired with mortar or termite resistant filler (refer Surface Preparation).
External masonry and rendered surfaces at the inspection zone (All buildings during or after construction, South of the Tropic of Capricorn only)	Subterranean termites (excluding the giant termite, <i>Mastotermes darwiniensis</i> )	1 L Termcoat per 25 – 40 linear metres (when applied at a management treatment width of 150 mm and in 2 coats)	Apply two coats of Termcoat by spray or brush to just prior to run-off to the mortar and masonry comprising the minimum 75 mm inspection zone. Mortar joints must be tooled joints. The first coat will saturate and penetrate into the mortar, render, concrete surfaces etc. and require the greater volume. Apply the second coat evenly for final finish. Allow Termcoat Sealant to dry before commencement of other trades. The amount of Termcoat required will depend on how porous the treated surfaces are and the method of application. It is essential that a complete and continuous treatment is created. 150 mm is the preferred width for a standard external brick and mortar application (see below in Application Considerations). A narrower width (minimum 100 mm) may still be appropriate as long as the mortar requiring protection is treated. Modify the rate accordingly. Where a greater width treatment is required the volume applied will need to increase by 670 mL / 25-40 linear metres for every 100 mm. This is equivalent to 1 L /4m <sup>2</sup>

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

### GENERAL INSTRUCTIONS

Termcoat Sealant is a liquid adhesive, filler and coating applied on site to form a complete and continuous termite management treatment on the external and internal surface of masonry and render at and immediately surrounding the inspection zone. Once dried, Termcoat is bound to the mortar, bricks, render etc., providing at least 48 months protection from termite movement. Use Termcoat with other pre or post-construction termite control measures as part of a complete termite management system.

Australian Standard AS 3660 Series Termite Management, requires all structural elements below a termite sheet barrier or any penetration through a structural element, or in contact with the ground, to be termite resistant. While undamaged masonry is considered resistant to termites (ie the components are not functionally impaired), termites can gain access through the mortar (refer AS3660.1 3.3(a) Note), thereby reducing the effectiveness of inspection zones. AS 3660.1-2014 requires inspection zones are provided and maintained in a number of termite management systems to ensure termite movement is revealed during visual inspection of these management systems. Termcoat can be easily applied to the external (and where necessary internal) surface of bricks and mortar below these sheet barriers to ensure the 75 mm inspection zone is protected and comply with the requirements of the Australian Standards 3660 series, Termite Management.

Buildings with a concrete slab on footing construction can be prone to concealed termite entry via the cold joint between the footing and the slab. Treating the surface of the cavity made by the building wall and outer edge of the concrete slab will create a barrier to termites entering through this area.

## EXTERNAL TREATMENT

### SURFACE PREPARATION

1. All mortar bed joints/courses and perpendents to receive a Termcoat treatment are to be finished to a tooled joint specification using a cement base compound as per AS 3700 Masonry Structures (1.5.2.26 & 4.9.2). This involves a flush or raked joint, in which the surface is trowelled or ironed to a smooth dense finish. All mortar beds/courses and perpendents are to comply with BCA Masonry Part 3.3.1 Exposure class (EXP), 3.3.1.6.
2. All defective mortar to be rectified and drill holes, gaps and voids to be filled with mortar or termite resistant filler, prior to application of Termcoat Sealant. All loose or crumbling material to be removed and surfaces to be free of voids or honeycombed concrete. Contaminates such as oil and grease form release agents, efflorescence or rust must be removed. Peeling or flaky substrates must be scraped back to a firm base.
3. All surfaces which are to be coated must be clean, sound, dry, and free from dust and any latex or foreign material. If necessary this area is to be fully cleaned by high water pressure, scrubbed with detergent to remove dirt and grease and wash with clean water and let dry prior to installation. All excess surface moisture to be removed before Termcoat Sealant is applied to surface.

### APPLICATION CONSIDERATIONS

It is important to check the suitability of Termcoat Sealant by applying a test area before commencing. This will also assist in determining the volume required.

To ensure the mortar either side of the first course of bricks is treated for the entire length, it is recommended that the width of treatments be approximately 100-150 mm. This allows 75 mm for a standard brick, 2 x 10 mm for each mortar joint, and 25 mm either side as a safety factor against uneven application. Where the termite management system and or building construction requires a wider treatment, ensure the application volume is sufficient to cover 25 mm either side of the minimum treatment width. When calculating the required volume use 670 mL / 25-40 linear metres for every 100 mm width. Masonry with rough surfaces or cement rendered surfaces will require more Termcoat compared to smooth faced, non-rendered surfaces.

## CAVITY TREATMENT

1. Ensure the cavity to be treated is formed by an impervious building wall and the outer edge of the concrete slab. The cavity must also have a damp proof course installed [as per Australian Building Code requirements / from the concrete slab across the cavity to the outer edge of the external wall] to ensure the injection treatment remains within the base of the cavity.
2. Drill holes of a diameter just wide enough to freely insert the injection nozzle (typically 6mm). Holes are to be drilled such that a minimum distance of 75 mm above the footing is treated, eg in the mortar joint between the first two courses of bricks above the footing. Holes should be placed at 480 mm centres (eg two standard brick lengths).
3. Use pressurised injection equipment that allows a constant pressure to be applied, eg use a regulator on both the container and the nozzle. Start with the injection pressure at 10 psi and adjust as necessary to achieve the required application rate. The nozzle must allow a 360° injection treatment.
4. Insert the nozzle all the way to the internal wall surface and apply a short burst of Termcoat (~1 second) while withdrawing and slightly rotating the nozzle to provide a thorough treatment of the cavity surface. Apply a second treatment following completion of the first treatment to ensure the treatments create a complete and continuous barrier.

### INSECTICIDE RESISTANCE WARNING

GROUP	3A	INSECTICIDE
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For insecticide resistance management Termcoat is a Group 3A insecticide. Some naturally occurring insect biotypes resistant to Termcoat 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 Termcoat or other Group 3A insecticides are used repeatedly. The effectiveness of Termcoat on resistant individuals could

be significantly reduced. Since occurrence of resistant individuals is difficult to detect prior to use, Magisurf P/L accepts no liability for any losses that may result from the failure of Termcoat to control resistant insects.

Termcoat may be subject to specific resistance management strategies. For further information contact your local supplier, Magisurf P/L representative or local distributor.

#### **SERVICE REQUIREMENTS**

It is important to maintain termite barriers and inspection zones. Both termite barriers and inspection zones can be bridged by activities such as pushing soil against treated areas and barrier systems. Service requirements are to be determined as a result of at least an annual inspection by a licensed pest control operator. More frequent inspections are strongly recommended in areas of known high termite activity. Trials undertaken in high termite activity environments and high treatment degrading conditions demonstrated that Termcoat applied as per label instructions, will provide at least 48 months surface barrier against termite movement.

**Cavity treatments will require re-application every 4 years to ensure a suitable surface barrier is in place in this enclosed area.**

#### **PRECAUTIONS**

DO NOT spray into the air or directly on humans, pets or animals. Avoid contact with food, food utensils or preparation surfaces. Cover or remove any open pet food and water containers.

#### **RE-ENTRY PERIOD**

DO NOT allow entry into treated areas until the spray has dried unless wearing cotton overalls buttoned to the neck and wrist (or equivalent clothing) and chemical resistant gloves. Clothing must be laundered after each days use.

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

Dangerous to fish and aquatic organisms. Do not contaminate dams, rivers, streams, waterways or drains with product or the used container. Cover or remove fish ponds, aquariums etc before spraying.

#### **STORAGE, SPILLAGE AND DISPOSAL**

Store in closed original containers, in a cool, well ventilated area away from children, animals, food and feedstuffs. Do not store for prolonged periods in direct sunlight. In case of spillage, confine and absorb spilled product with absorbent material such as sand, clay or cat litter. Triple or preferably pressure rinse containers before disposal. Do not dispose of rinsings or undiluted chemicals on site. Contact local hazardous waste authority for appropriate disposal instructions. If recycling, replace cap and return clean containers to recycler or designated collection point.

If not recycling, break, crush, or puncture and deliver to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500 mm below the surface in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots in compliance with relevant Local, State or Territory Government regulations. Empty containers and product should not be burnt.

#### **SAFETY DIRECTIONS**

May irritate the eyes. Repeated exposures may cause allergic disorders. Avoid contact with eyes and skin. Ensure adequate ventilation during use. When opening the container and preparing spray and using the product, wear cotton overalls (or equivalent clothing) buttoned to the neck and wrist, elbow-length chemical resistant gloves and a face shield or goggles. 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 days use wash gloves, face shield or goggles 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 on the Material Safety Data Sheet which is available from Magisurf on request.

#### **NOTICE**

**Termcoat Sealant Termite Surface Barrier**

January 2015

Text above this line is not part of the label.

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Magisurf warrants that this product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with Directions for Use under normal conditions of use. No warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use of the product contrary to label instructions or under off-label permits not endorsed by Magisurf, or under abnormal conditions.

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