

POISON

KEEP OUT OF REACH OF CHILDREN
READ SAFETY DIRECTIONS BEFORE OPENING OR USING

Farmoz

Strike-Out PC

TERMITICIDE AND INSECTICIDE

ACTIVE CONSTITUENT: 500 g/L CHLORPYRIFOS

(an anticholinesterase compound)

SOLVENT: 435 g/L LIQUID HYDROCARBONS

GROUP **1B** INSECTICIDE

For the post-construction management of subterranean termites in accord with AS 3660.2 and other domestic insect pests as specified in the Directions for Use table.

**THIS PRODUCT IS TOO HAZARDOUS FOR USE BY HOUSEHOLDERS.
HOUSEHOLDERS MUST NOT USE THIS PRODUCT IN OR AROUND THE HOME.**

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DIRECTIONS FOR USE

MANAGEMENT OF SUBTERRANEAN TERMITES (All States, except Tasmania)

RESTRAINTS: DO NOT apply to soils if excessively wet or immediately after heavy rain or if heavy rains are expected within 48 hours to avoid run-off of chemical.
DO NOT use at less than indicated label rates.
DO NOT use in cavity walls, except for direct treatment of nest.
DO NOT use on alkaline soils in SA (use on neutral or acid soils only) or on dolomite based sub-slab bedding material.

RATES OF APPLICATION

IMPORTANT: STRIKE-OUT PC Termiticide and Insecticide should be used as part of an overall termite management program as detailed in Australian Standard Series AS 3660. A great deal of care is required to understand construction details of the building and to apply the product in a manner which ensures a complete chemical soil barrier. Where necessary, the barrier may need to be re-applied under the building. Application equipment must be fitted with a flow meter and pressure regulator on the application device. The purpose of a chemical soil barrier is to impede and discourage concealed termite entry into a structure. Barriers may still be bridged by termites, but their entry can then be more easily detected during routine inspections. If barrier is not complete or breached, then concealed termite entry may occur. It is often not possible to form a complete barrier around existing structures, which case other termite management options and/or more frequent inspections will also need to be considered.

SITUATION	RATE	CRITICAL COMMENTS
Installing a chemical soil barrier around and under buildings.	Horizontal Barriers: 100 mL/m ² Vertical Barriers: 2 L/m ²	Horizontal Barriers: Use 100 mL of STRIKE-OUT PC Termiticide and Insecticide per 5L of water and apply the mixture (emulsion) at a rate of 5 L/m ² Vertical Barriers: Use 2 L of STRIKE-OUT PC Termiticide and Insecticide per 100 L of water and apply the mixture at a rate of 100 L/m ² . See APPLICATION VOLUME section in GENERAL INSTRUCTIONS for further information. 200 mL/10 L is equivalent to a 1% active ingredient emulsion. See Service requirement in GENERAL INSTRUCTIONS for expected barrier life.
Installing a chemical soil barrier around new and existing poles, eg. transmission and building poles, fence posts and palings.	200 mL/10 L water or creosote	Trench (preferred) or rod and puddle-treat backfill, ensuring a complete and continuous treated soil barrier is provided around the pole or post, to a minimum depth of 300 mm and minimum width of 150 mm. Use 100 L of emulsion per m ² of soil. In addition, infested poles may be drilled near ground level and the cavity flooded with emulsion. This allows seepage to form a treated soil barrier. Note: A 50 mm gap between fence palings and soil will reduce termite attack and fungal decay. Only soil in contact with palings should be treated. • Replenishment is recommended within 2 years north of the Tropic of Capricorn and 5 years in other areas. • If the barrier is disturbed or rain falls immediately after application, retreat to restore continuity and completeness of the barrier. • Refer to Australian Standard Series AS 3660.
Treatment of termite nest or colony	100 mL/10 L of water	Once the nest or colony has been located it should be broken open and flooded with emulsion. This includes nests located in trees. When treating trees, addition of wetting agent is suggested. Refer to Australian Standard Series AS 3660.

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

GENERAL INSTRUCTIONS: TERMITE MANAGEMENT

To minimise the risk of termite infestation, the subfloor area of buildings should be kept free of stored or waste timber and all other building materials that attract termites. Appropriate action should also be taken to eliminate any undue dampness caused by leaking water or sewerage pipes, or inadequate drainage. Subterranean termites need a constant source of moisture to survive. Provision of adequate ventilation in the sub-floor area also helps eliminate undue dampness. Pest managers using this product for termite management should advise the home owner that disturbing the treated soil barrier with subsequent construction of additions or alterations, paths, steps, landscaping etc, may render the termite management system in place ineffective unless further management options are considered.

Colonies not in contact with the ground

Occasionally subterranean termites establish a colony in a building without having contact with the soil because they have access to a continuous supply of moisture (e.g. from a faulty plumbing fixture or leaking roof). Such colonies are not affected by chemical soil barriers and should be treated as recommended for established colonies, as per Australian Standard Series AS 3660. STRIKE-OUT PC Termiticide and Insecticide may be applied directly to the termite colony in such situations.

Service Requirement

Regular, competent inspections by a licensed Pest Manager are recommended as part of an overall termite management program to determine the prevailing termite pressure and environmental conditions and consequent requirement for further termite management options. Inspections should be performed at least on an annual basis, but more frequent inspections are strongly recommended. At the 1% application rate, STRIKE-OUT PC Termiticide and Insecticide can provide an effective chemical soil barrier in subfloor regions for 4 years or more north of the Tropic of Capricorn, and 10 years or more south of the Tropic of Capricorn. At the 1% application rate, STRIKE-OUT PC Termiticide and Insecticide can provide an effective chemical soil barrier in exposed situations for 2 years or more north of the Tropic of Capricorn, and up to 5 years or more south of the Tropic of Capricorn. The actual period of efficacy will depend on many factors such as termite hazard, climatic conditions, soil types and soil disturbance and gardening/landscaping practices.

APPLICATION INSTRUCTIONS:

1. Application Equipment

Hand Spraying: For hand spraying use a rose head shrouded nozzle operated at 170 kPa and with a flow meter and pressure regulator fitted to the hand-piece.

Injection Through Concrete Slabs or Sealed Areas

Use a sub-slab injector fitted with a multi-directional tip (a B&G, or similar system) with a 5 degree upward angle (e.g. 3 way or 4 way) and operated at 170 kPa. Ensure a strong seal with the top of the drill hole to avoid leakage. For the best distribution, the injector needs to be held vertically at right angles to the slab and rotated during the application through 90 degrees if using a 4 way dispersion tip, or through 180 degrees for a 3 way dispersion tip.

Injection into Soil

Use a soil rod with a 3 or 4 way multi-directional tip (B&G, or similar) operated at 170 kPa. The 4 way tip needs to be rotated during the application through 90 degrees and the 3 way tip through 180 degrees.

2. Application Volume

To compensate for impervious soils such as clays where application of 5 L/m² would cause run-off it may be necessary to apply a volume of emulsion less than 5 L/m². When reducing the volume of emulsion used, increase the concentration accordingly to match the label rate by mixing the required amount of STRIKE-OUT PC per m² in a lesser volume of water. DO NOT use emulsion volumes less than 2 L/m².

NOTE: Use of emulsion volumes other than the recommended 5 L/m² is only permitted when installing barriers in exposed soil. It is not permitted when injecting through the slab or into sealed areas.

Existing Structures:

a) Strategic Drilling Through Slab, or Sealed Areas

For treatment of slabs when termites are entering the building through the slab and where reticulation systems do not exist, slab drilling and injection will be required. In most cases, unless there is a known severe termite hazard, grid drilling of the slab is not required. Any such need is to be determined by a licensed Pest Control Operator. Treatment needs to be made around the inside of all exterior walls to complete a termite barrier, along both sides of interior wall partitions, around plumbing/electrical or piping entry points and along one side of major cracks or expansion joints. For a sand base or sandy soil, apply through a row of holes drilled 300 mm apart and 100-200 mm out from the wall, crack or pipe. For a clay base, apply through a row of holes drilled 150 mm apart and 100 mm from the wall, crack or pipe. Apply 10

L of emulsion per linear metre and ensure the holes are securely plugged after treatment.

b) External Barriers

An external barrier should be installed around the perimeter of the building and should circumference all pipes and service facilities. External barriers should be created by using either a vertical or horizontal barrier, as determined by the building construction type and adjoining ground level. **An external barrier is an essential part of the treatment when relying on a chemical soil barrier to provide the full termite management system as per AS 3660.**

An external horizontal barrier is only required when prevention of concealed vertical access by termites is necessary at the perimeter (eg, when ground level is equal to the top of a slab, where the slab is also a barrier to concealed termite movement into the building). A vertical barrier is required when prevention of concealed horizontal access is necessary (eg, where ground level is higher than building material vulnerable to concealed horizontal entry by termites).

- Horizontal Barrier:** Use a rose head shower nozzle operated at 170 kPa to apply the required rate of 1.5 L of the correctly diluted STRIKE-OUT PC Termiticide and Insecticide per linear metre (150 mm wide) to soil loosened to a depth of approximately 80mm (see **APPLICATION VOLUME Section**)
- Vertical Barrier:** The vertical barrier should be at least 150 mm wide and should reach down to 50 mm below the top of the footings. To achieve this trench to the top of the footings, and where this is not possible, a combination of trenching (preferably at least 300 mm deep) and rodding into the base of the trench may be necessary.

Apply STRIKE-OUT PC Termiticide and Insecticide emulsion at 100 L per cubic metre of backfill soil, this equates to 1.5 L of emulsion/linear metre of a trench 150 mm wide and 100 mm deep. Where the required vertical barrier is deeper than 100 mm, ensure the same rate of application for the extra volume of soil. Use a rose head shower nozzle operated at 170 kPa to flood the base of the open trench and also to treat the backfill soil as it is replaced into the trench to ensure even distribution. Where rodding is necessary, rod before the trench is treated using the spacings in the following table.

Rod Spacings

Heavy Clay	Clay Loams	Sands
150 mm	200 mm	300 mm

Insert the rod to the foundation foot as close as possible to the house wall ensuring the chemical is applied during insertion and withdrawal. (See APPLICATION EQUIPMENT SECTION, Injection into Soil).

c) Suspended Floors

Install horizontal and vertical barriers as specified in Australian Standard Series 3660 to abut all substructure walls, stumps, piers, pipes and wastes using the appropriate techniques described for **external barriers around concrete slabs** (See Existing Structures Section).

3. Retreatment/Service Requirement

Regular competent inspection is required to determine the need for re-treatment. Annual inspection by a licensed Pest Control Operator is recommended.

The expected life of the under floor barrier is at least 4 years north of the Tropic of Capricorn, and at least 10 years south of the Tropic of Capricorn.

The expected life of the external barrier is at least 2 years north of the Tropic of Capricorn, and at least 5 years south of the Tropic of Capricorn. The actual period of protection will depend on factors such as termite hazard, climate, soil conditions and soil disturbance.

CLEANING SPRAY EQUIPMENT

- Rinse water should be discharged onto approved disposal areas in accordance with appropriate State legislation or if this is unavailable, onto unused land away from buildings, desirable plants and water courses. DO NOT put rinse water down sewers, gutters or storm water drains.
- After using STRIKE-OUT PC Termiticide and Insecticide, empty the spray equipment completely and drain the whole system. Thoroughly wash inside the tank using a pressure hose, and drain. To wash the system, quarter fill the tank with clean water and circulate through the pump, lines, hoses and nozzles. Drain and repeat the washing procedure twice.

RATES OF APPLICATION: GENERAL PEST CONTROL.

SITUATION	PEST	STATE	RATE	CRITICAL COMMENTS
Domestic and public places, commercial and industrial areas	Cockroaches (residual control and/or heavy infestations), Spiders, Silverfish	All States	95 mL/10 L water	Apply as a coarse, low pressure spray to the point of run-off, to cracks, crevices, harbourages and other places where pests may occur. Note: A period of 4 to 7 days is normally required for maximum effect on cockroaches. Add 25 g/L of suitable pyrethroid or dichlorvos (DDVP) insecticide to the spray mixture where a rapid knockdown and flushing is desired.
	Cockroaches (light infestations)		50 mL/10 L water	
	Ants	NSW, Vic, Tas, SA, WA only	95 mL/10 L water. Use at least 1 L of spray/10 m ²	Spray ant tracks, nests or where ant activity is noticed. Apply to paths in continuous 30 cm bands. Apply to base of buildings, walls, fences, rockworks, trunks of shrubs and trees and other hard surfaces to a height of 30 cm. Note: Argentine ants in WA: for domestic use only. All occurrences of Argentine ants are to be reported to the WA Department of Agriculture.
	Argentine ants			
	Fleas (outdoor use only)	Qld, NSW, Tas, SA, WA, NT only	90 mL/10 L of water	Apply as a fine-particle spray. Outdoors: Use higher rate to treat areas where animals rest and/or where pests have been seen. DO NOT treat pets infested with fleas with this product. Pets should be treated with a product registered for application to animals.
Hides/skins	Hide beetles	All States	200 mL/100 L water. Use at least 30 mL of spray/sheep skin	Apply spray to flesh side of skins or hides sufficient to moisten them. Insure coverage of ears and lugs. To minimise the chance of later infestation, storage areas should be sprayed regularly. Repeat application every 3 months. Access through bales should be maintained for application of insecticide.
Light vegetation	Mosquito larvae	Qld, NSW, Vic, SA, WA, NT only	30 mL/ha	Apply diluted in water as a spray to areas infested with mosquitoes.
Medium vegetation			60 mL/ha	
Heavy vegetation			105 mL/ha	
Light to medium vegetation	Mosquito adults	All States	60 mL/ha	
Medium to heavy vegetation			105 mL/ha	
Polluted water impoundments	Mosquitoes (larvae and adults)		2 mL/10000 L of water or 20 mL/100 m ³	

ORNAMENTALS AND TURF

CROP	PEST	STATE	RATE	CRITICAL COMMENTS
Potted Ornamentals	Scarab Beetles - Larvae	Qld only	20 to 40 mL/100 L water	Apply mixture as a pot drench and water through. Drenching may cause root damage and should be tested on a few plants before widespread treatment.
Turf	Funnel Ant	Qld, NSW only	2.0 L/ha or 5 mL/5 L spot spray	For spot spraying apply 30 mL spray to each mound. In areas of high density a repeat application may be necessary to ensure thorough mound coverage. DO NOT GRAZE TREATED TURF OR FEED TREATED GRASS CLIPPINGS TO ANIMALS.
	African Black Beetle	Qld, NSW, Vic, WA only	6.0 L/ha or 60 mL/100 m ²	Apply to lawn when pests appear. Water in immediately after application.
	Argentine Stem Weevil	NSW, Vic, Tas, SA, WA only	4.0 L/ha or 40 mL/100 m ²	Lightly water following application. Apply as late in the day as possible.
	Blackheaded Pasture Cockchafer		900 mL/ha or 9 mL/100 m ²	Use sufficient water to give even coverage. Apply as late in the day as possible.
	Brown Pasture Looper		700 mL/ha or 7 mL/100 m ²	Apply when pests first appear.
	Pasture Webworm			Spray at first sign of damage. Apply with ground-rig boom or mister. Apply as late in the day as possible.
	Lawn Armyworm	Qld, NSW, Vic, SA, WA only	700 mL/ha or 7 mL/100 m ²	Spray over total lawn area when infestation is present. When pests are moving treat strip over and in advance of infestation. Apply follow up treatments as required.
	Sod Webworm	All States		Apply as soon as pests appear. Repeat as required.
	Underground Grass Grub	NSW, Vic, SA, WA only	900 mL/ha or 9 mL/100 m ²	Apply when caterpillars are actively feeding. Spray before noticeable damage has occurred. Apply as late in the day as possible.
Crickets	Qld only	20 mL/20 L	Apply as required preferably late in the day.	

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RE-ENTRY PERIOD: Allow treated areas to dry completely (normally 3-4 hours) and ventilate buildings before re-occupying.

Re-entry to treated areas: DO NOT permit re-occupation of any premises until treated areas are completely dry (normally 3-4 hours) and adequately ventilated. DO NOT allow animals and pets into treated areas for at least 24 hours, or until the spray deposit is dry.

DO NOT GRAZE TREATED TURF OR FEED TREATED GRASS CLIPPINGS TO ANIMALS

GENERAL INSTRUCTIONS

FARMOZ STRIKE-OUT PC is an emulsifiable concentrate specially formulated for use around buildings and structures for the management of termites and control of general pests. STRIKE-OUT PC has a low odour formulation for use in domestic and public places and commercial and industrial areas. STRIKE-OUT PC is degraded under U.V. light. Best residual activity is obtained in dark or very shady places.

INSECTICIDE RESISTANCE WARNING

For insecticide resistance management FARMOZ STRIKE-OUT PC Termiticide **GROUP 1B** INSECTICIDE and Insecticide is a Group 1B insecticide. Some naturally occurring insect biotypes resistant to STRIKE-OUT PC and other Group 1B insecticides may exist through normal genetic variability in any insect population. The resistant individuals can eventually dominate the insect population if STRIKE-OUT PC or other Group 1B insecticides are used repeatedly. The effectiveness of STRIKE-OUT PC on resistant individuals could be significantly reduced.

Since the occurrence of resistant insects is difficult to detect prior to use, FARMOZ Pty. Ltd. accepts no liability for any losses that may result from the failure of STRIKE-OUT PC to control resistant insects. STRIKE-OUT PC may be subject to specific resistance management strategies. For further information contact your local supplier, FARMOZ representative or local agricultural department agronomist.

MIXING

Half fill the spray tank with water (or creosote where applicable) and add the required amount of STRIKE-OUT PC Termiticide and Insecticide, then add the remaining water (or creosote) with the agitator running. If using a knapsack gently shake before using. Preferably only mix sufficient chemical for each specific application.

WETTING AGENTS

In applications involving soil incorporation and tree nests, it is suggested a non-ionic wetting agent be added at the rate recommended on its label.

PRECAUTIONS

DO NOT apply inside buildings except as a crack and crevice treatment. DO NOT apply to surface areas such as interior floors or walls.

RE-ENTRY PERIOD

Treated areas: DO NOT permit re-occupation of any premises until treated areas are completely dry (normally 3-4 hours) and adequately ventilated.

Greenhouses: DO NOT allow entry into greenhouses until spray deposits have dried and treated areas are adequately ventilated. If prior entry is required, limit duration of entry and wear cotton overalls buttoned to the neck and wrist (or equivalent clothing), chemical resistant gloves and half-facepiece respirator. Clothing must be laundered after each day's use.

PROTECTION OF PETS AND LIVESTOCK

Before spraying remove animals and pets from buildings and other areas to be treated. Cover or remove any open food and water containers. Cover or remove fish tanks before spraying. DO NOT allow animals and pets to contact treated areas for at least 24 hours. Dangerous to bees. DO NOT spray any plants in flower while bees are actively foraging.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

VERY HIGHLY TOXIC TO FISH AND AQUATIC INVERTEBRATES. Rinse waters and run-off from treated areas MUST NOT enter drains or waterways.

DO NOT apply to waterlogged soils. DO NOT apply if heavy rains are expected to occur within 48 hours of application.

HIGHLY TOXIC TO BIRDS. DO NOT treat fill unless it has been placed back in the trench to form the chemical soil barrier.

DO NOT spray directly onto the foliage of plants as damage to some species is possible.

DO NOT contaminate dams, ponds, waterways or drains with the pesticide or used container. DO NOT contaminate food, feed or domestic water supplies.

DO NOT re-apply to the same crop within 7 days (unless specifically recommended in the directions for use). Spray drift may occur under adverse meteorological conditions or from certain spray equipment.

DO NOT allow spray to drift onto sensitive areas including, but not limited to, natural streams, rivers or waterways and human dwellings.

DO NOT apply when irrigating, or to waterlogged soil, or while water remains on the surface or in furrows, unless tailwater is captured on farm.

DO NOT allow contaminated runoff water from treated paddocks to enter adjacent areas or water bodies.

Run-off contaminated by irrigation events (tailwater) and a 25 mm rain storm should be captured on farm for two days after application.

SMALL SPILL MANAGEMENT

Wear appropriate clothing and protective equipment whilst cleaning up small spills (see SAFETY DIRECTIONS). Apply absorbent material such as earth, sand or clay granules to the spill. Sweep up material and contain in a refuse vessel for disposal.

Dispose of the contaminated material in accordance with STORAGE and DISPOSAL instructions below.

Triple rinse cleaning equipment, discharging rinse water onto approved disposal areas in accordance with appropriate State legislation, or if this is unavailable onto unused land away from buildings, desirable plants and water courses. DO NOT put rinse water down sewers, gutters or storm water drains.

STORAGE AND DISPOSAL

Store in the closed, original container in a cool, well-ventilated area. DO NOT store for prolonged periods in direct sunlight. Triple or preferably pressure rinse containers before disposal. Add rinsings to spray tank. DO NOT dispose of undiluted chemicals on site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush, or puncture and bury empty containers in a local authority landfill. If no landfill is available, bury the containers 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt.

Rinsate/rinse water should be disposed of in accordance with appropriate State legislation and should preferably be sprayed on to an application site or added as up to 10% of the diluent the next time this product or another similar termiticide is used. DO NOT put rinse water down sewers, gutters or storm water drains. In some States wastes can only be buried at a licensed landfill.

SAFETY DIRECTIONS

For use as an Insecticide: Product is poisonous if absorbed by skin contact, inhaled or swallowed. Repeated minor exposure may have a cumulative poisoning effect. Will irritate the eyes and skin. Avoid contact with eyes and skin. DO NOT inhale vapour or spray mist. When opening the container, preparing spray or using the prepared spray wear cotton overalls buttoned to the neck and wrist and a washable hat and elbow-length PVC gloves and face shield or goggles. If product on skin, immediately wash area with soap and water. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each day's use, wash gloves, goggles, or face shield and contaminated clothing.

For use as a Termiticide: Product is poisonous if absorbed by skin contact, inhaled or swallowed. Repeated exposure may cause allergic disorders. Repeated minor exposure may have a cumulative poisoning effect. Will irritate the eyes and skin. Avoid contact with eyes and skin. DO NOT inhale vapour or spray mist. When opening the container, preparing the spray and using the prepared spray, wear chemical resistant clothing buttoned to the neck and wrist and a washable hat, elbow-length PVC gloves, goggles, chemical resistant footwear and a half facepiece respirator with combined dust and gas cartridge. If clothing becomes contaminated with product or wet with spray, remove clothing immediately. If product on the skin, immediately wash area with soap and water. If product is in the eyes, wash it out immediately with water. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each day's use wash gloves, goggles, respirator (and if rubber wash with detergent and warm water), and contaminated clothing.

FIRST AID

If swallowed, splashed on skin or in eyes, or inhaled, contact a Poisons Information Centre (Phone Australia 131126; New Zealand 0800 764 766) or a doctor at once. Remove any contaminated clothing and wash skin thoroughly. If swallowed, activated charcoal may be advised. Give atropine if instructed. If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.

MATERIAL SAFETY DATA SHEET

Additional information is listed in the material safety data sheet (MSDS). A material safety data sheet for STRIKE-OUT PC Termiticide and Insecticide is available from FARMOZ on request. Call Customer Service on (02) 9431 7800.

CONDITIONS OF SALE: The use of FARMOZ STRIKE-OUT PC Termiticide and Insecticide being beyond the control of the manufacturer, no warranty expressed or implied is given by FARMOZ Pty. Ltd., regarding its suitability, fitness or efficiency for any purpose for which it is used by the buyer, whether in accordance with the directions or not and FARMOZ Pty. Ltd. accepts no responsibility for any consequence whatsoever resulting from the use of this product.

UN No. 3018
ORGANOPHOSPHORUS, PESTICIDES,
LIQUID, TOXIC, N.O.S.
HAZCHEM: 2X
PACKAGING GROUP: III



PACK SIZE: 5 L, 20 L, 200 L