

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

Termi-Force

100SC Termiticide and Insecticide

ACTIVE CONSTITUENT 100 g/L FIPRONIL

For the protection of structures from subterranean termite damage and for the control of subterranean termites around domestic and commercial structures and the control of insect pests in turf as specified in the Directions for Use Table.

IMPORTANT:
TO BE USED BY LICENSED PEST CONTROL OPERATORS ONLY
IMPORTANT:
READ THIS LEAFLET BEFORE USE

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GENERAL INSTRUCTIONS

INSECTICIDE RESISTANCE WARNING

GROUP 2B INSECTICIDE

For insecticide resistance management Termi-Force 100SC Termiticide and Insecticide is a Group 2B Insecticide. Some naturally occurring insect biotypes resistant to Termi-Force 100SC Termiticide and Insecticide and other Group 2B Insecticides may exist through normal genetic variability in any insect population. The resistant individuals can eventually dominate the insect population if Termi-Force 100SC Termiticide and Insecticide or other Group 2B Insecticides are used repeatedly. The effectiveness of Termi-Force 100SC Termiticide and Insecticide on resistant individuals could be significantly reduced. Since the occurrence of resistant individuals is difficult to detect prior to use. Indigo Speciality Products Pty Ltd. accepts no liability for any losses that may result from the failure of this product to control resistant insects. Termi-Force 100SC Termiticide and Insecticide may be subject to specific resistance management strategies. For further information contact your local supplier, Termi-Force 100SC Termiticide and Insecticide or local agricultural department agronomist.

TURF PEST CONTROL

Apply with suitable low set boom spray equipment. Do NOT apply with aircraft or through irrigation equipment.

ANT CONTROL

Termi-Force 100SC Termiticide and Insecticide will control ants by direct contact and residual activity on treated surfaces. When applied as a surface spray as directed, Termi-Force 100SC Termiticide and Insecticide will provide up to 3 months control of ants and is best applied as ant activity increases in early spring. A follow up application during summer may be required. Do NOT apply more than 2 applications per year for ant control.

TERMITE CONTROL

Chemical treatment for termite control around existing buildings should be considered to be part of an integrated approach to reduce the risk of termite attack and should be conducted by LICENSED PEST CONTROL OPERATORS. The steps below best describe the procedure for optimum termite management:

- The building owner should try to minimise water entering under and around the buildings and improve drainage to reduce moisture accumulation in these areas.
- Ventilation of sub-floor areas should also be optimised to reduce moisture accumulation.
- The area under the floor should be kept free of any debris-timber such as off-cuts of wood or firewood.
- Treat with a residual chemical soil zone treatment such as Termi-Force 100SC Termiticide and Insecticide in compliance with AS3660.2
- Regular inspections should be carried out (at least annually as recommended by AS3660 Series).
- If any additional subsequent building or landscaping work causes disruption to the chemical soil treated zone it must be restored to maintain protection.

MIXING

Half fill the spray tank with water and then add the required quantity of Termi-Force 100SC Termiticide and Insecticide. Stir and then top up the spray tank to the required volume. The use of this product in a tank mix with other insecticides is not recommended as the behaviour and efficacy of the product may be affected. Ensure equipment is free of leaks and clean from residues of other chemicals before mixing Termi-Force 100SC Termiticide and Insecticide.

SOIL PREPARATION

Some soils will be difficult to wet (eg. heavy clay soils) and there will be a greater chance of run-off of liquid from the surface. In these situations it will be necessary to loosen the soil to allow spray solution to percolate through the soil to form the treated zone. The soil should be scarified to a depth between 50 – 80 mm. In situations with very heavy soils the complete removal and replacement of soil with a loam type is recommended in order to form the treated zone. If it is not possible then the water volume should be reduced to ensure that run-off is minimised. A reduction in the water volume used should not be associated with a reduction in the mix rate of Termi-Force 100SC Termiticide and Insecticide – the same amount of active ingredient should be applied per given area of volume of soil. An increase in concentration of termiticide will therefore be required. The tables below indicate mix rates if application volumes need to be reduced. It is not recommended that water volumes below 3 L/m² are used.

Horizontal Treated zones

Water Rate /m2	Dilution rate	Concentration	Application rate
5 L/ m ²	600 mL /100 L water	0.6 g/L	3.0 g ac/m ²
4 L/ m ²	600 mL / 80 L water	0.75 g/L	3.0 g ac/m ²
3 L/ m ²	600 mL / 60 L water	1 g/ L	3.0 g ac/m ²

Vertical Treated zones

100 L/m ³	600 mL/100 L water	0.6 g/L	60 g ac/m ³
90 L/m ³	600 mL/90 L water	0.666 g/L	60 g ac/m ³
80 L/m ³	600 mL/80 L water	0.75 g/L	60 g ac/m ³
70 L/m ³	600 mL/70 L water	0.85 g/L	60 g ac/m ³

If the treated zone is being applied to a building on a slope a furrow should also be formed of a similar depth along the contour of the slope to prevent run-off of the termiticide. In situations where the surface is very dry or with sandy or porous soils the area will require moistening prior to application of chemical to prevent loss of chemical through piping or excessive percolation. The use of rodding equipment in heavy clay soil can result in an uneven distribution of chemical. In such situations the preferred method of installing a treated zone is to trench and backfill.

DIRECTIONS FOR USE: All States except Tasmania

Restraints:

DO NOT apply to excessively wet soils, immediately after or during heavy rain; to avoid run-off of the chemical.

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

DO NOT apply at less than label rates.

SITUATION	PEST	RATE	CRITICAL COMMENTS
Pre-Construction: Chemical soil treated zones around existing buildings and structures	Subterranean termites including (but not limited to) <i>Coptotermes acinaciformis</i> , <i>Mastotermes darwiniensis</i> , <i>Schedorhinotermes</i> spp.	600 mL in 100 L water (0.06% a.i. mix)	Application by LICENSED PEST CONTROL OPERATORS: Mix the required quantity of Termi-Force 100SC Termiticide and Insecticide with the specified volume of water. Apply to form a continuous chemical soil treated zone (horizontal and vertical or as an external perimeter) around and under the structure to be protected as per AS3660.1. The treated zone may be created using a combination of conventional spraying and trenching; or an approved reticulation system as listed below. Soil injection equipment (rodding) must only be used where trenching and treating the backfill is not possible or practical. Immediately following treatment, the moisture resistant membrane should be positioned over the treated zone to prevent disturbance. Chemical treated zones that have been disturbed will need to be reapplied to restore the complete treated zone. For more details refer to General Instructions.
Post-Construction: Chemical soil treated zones around existing buildings and structures		600 mL in 100L water (0.06% ai mix)	Application by LICENSED PEST CONTROL OPERATORS: Mix the required quantity of Termi-Force 100SC Termiticide and Insecticide Insecticide with the specified volume of water and apply to form a continuous chemical soil treated zone (horizontal and vertical or as an external perimeter) around and under the structure to be protected as per AS3660.2. The treated zone may be created using a combination of conventional spraying and trenching, or an approved reticulation system as listed below. Soil injection equipment (rodding) must only be used where trenching and treating the backfill is not possible or practical. Application of chemical treated zones beneath concrete slabs and paths will require drilling and injection of termiticide using rodding equipment. Construction practices, soil subsidence, difficult to wet soils and other factors may create situations where the use of non-ionic wetting agents or foam generating equipment may be useful. Chemical treated zones that have been disturbed will need to be reapplied to restore the complete treated zone. For more details refer to General Instructions
Reticulation systems: Pre and Post-construction (Camilleri Underslab and perimeter system. ReTerM™ and Altis perimeter systems only)	Subterranean termites including (but not limited to) <i>Coptotermes acinaciformis</i> , <i>Mastotermes darwiniensis</i> , <i>Schedorhinotermes</i> spp.	600 mL in 100L water (0.06% ai mix)	Application by LICENSED PEST CONTROL OPERATORS: The system must be installed according to the manufacturer's specifications and be capable of distributing the termiticide emulsion according to this label (see General Instructions) and the Australian Standard AS 3660 series. Mix the required quantity of Termi-Force 100SC Termiticide and Insecticide with the specified volume of water. Apply by pumping through the system according to the manufacturer's specifications. Use a minimum delivery volume of 100 L of emulsion per cubic metre of appropriate soil (eg, evenly compacted sandy loam soil). Delivery pipes must be placed in such a position to ensure that the requirements for both horizontal and vertical treated zones as specified in the Australian Standard AS 3660 series are met. Special attention must also be afforded to the positioning of the delivery pipes to ensure that the resultant treated zone is continuous and complete.
Protection of poles and fence posts			Application by LICENSED PEST CONTROL OPERATORS: Only post and poles in contact with the soil need to be treated. For existing posts and poles create a continuous treated zone 450 mm deep and 150mm wide around the post or pole by trenching and puddle treating the backfill. Soil injection equipment (rodding) must only be used where trenching and treating the backfill is not possible or practical. Use 100 L of prepared spray per cubic metre of soil around the pole or post. Note that it is impossible to treat the soil at the bottom of a sound post or pole so future attack via this route cannot be ruled out. If new posts or poles are being installed then the bottom of the hole and the backfill should be treated at installation.
Nests in poles and trees		600 mL in 100 L water (0.06% a.i. mix)	Application by LICENSED PEST CONTROL OPERATORS: Locate the nest by drilling holes into the pole or tree. Ensure the full dimension of the nest is known, particularly the highest extremity. Flood the nest with prepared Termi-Force 100SC Termiticide and Insecticide spray. Volume will vary depending on the nest size. To aid distribution throughout the nest or in areas of difficult access, the use of foam generating equipment may be useful. Drill holes should be sealed after treatment. Do not treat trees bearing edible fruit or nuts.
Wall cavity treatment		6 mL in 1 L water	Application by LICENSED PEST CONTROL OPERATORS: Mix the required volume of Termi-Force 100SC Termiticide and Insecticide in water plus foaming agent to achieve a final foam expansion ratio of 15:1. Locate the termite activity by drilling holes into the wall cavity. Foam directly into the termite carton material until saturated. Application to wall cavities behind plasterboard may result in some staining. Only apply to wall cavities where live termites are present. Foaming of Termi-Force 100SC Termiticide and Insecticide into wall cavities is not designed and should not be used as a stand-alone treatment. Accordingly, a continuous chemical treatment applied to the soil as per Australian Standard AS 3660.2 should be applied immediately following successful eradication of termite activity in the structure.
Recreational Turf (including bowling greens, golf courses, parks and playing fields) and commercial turf farms.	Argentine stem weevil (<i>Listronotus bonariensis</i>)	750 mL /ha	Apply spray mix evenly to the surface at the first signs of pest activity. Ensure incorporation with at least 6mm of rainfall or overhead irrigation immediately after application. DO NOT apply with aircraft or through any type of irrigation equipment" DO NOT apply this product using hand held equipment DO NOT apply more than twice a year
	Funnel ant (<i>Aphaenogaster pythia</i>)	6 mL in 1 L water	
	Mole cricket (<i>Scapteriscus didactylus</i> and <i>Gryllotalpa</i> spp.)	300 mL /ha	
External areas and surrounds of domestic, commercial, public and industrial buildings and structures.	Nuisance ants, including but not limited to: Argentine ant (<i>Linepithema humile</i>), black house ant (<i>Ochtellus glaber</i>), pedicel ant / odorous house ant (<i>Tapinoma</i> spp.), Pharaoh's ant (<i>Monomorium pharanonis</i>), whitefooted ant (<i>Technomyrmex albipes</i>).	6 mL in 1 L water	Application by LICENSED PEST CONTROL OPERATORS: Mix in the required volume of Termi-Force 100SC Termiticide and Insecticide in water. Treat surfaces 300 mm out from where the building or structure touches the ground. Apply at the rate of 1L of prepared suspension per 25 lineal metres. Pay particular attention to potential entry points, such as weep holes, cracks and crevices. Also apply to ant trails and where ants are active away from the nest. Structures may include retaining walls, fences, garden beds, sheds etc.
Spot application to nests in domestic situations.	Nesting ants, including but not limited to: Funnel ant (<i>Aphaenogaster pythia</i>), Greenhead ants (<i>Rhytidoponera</i> spp.), Meat ants (<i>Iridomyrmex</i> spp.), Red imported fire ant (<i>Solenopsis invicta</i>), Yellow crazy ant (<i>Anoplolepis gracilipes</i>).	6 mL in 1 L water	Application by LICENSED PEST CONTROL OPERATORS: Mix the required volume of Termi-Force 100SC Termiticide and Insecticide in water. Treat the nest entrance or mound, and where ants are active away from the nest. Apply at the rate of 1L of prepared suspension per 16 m2, or 60 mL per m2.

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

