

THIS IS A PESTICIDE ADVERTISEMENT



# ***Premise*<sup>®</sup> 200 SC**

**Termites! Act before it eats up your home  
and your investment.**



**Bayer Environmental Science**

JIRP. P/0803/457



# Premise

## Creates a treated zone for th

**Termites! Act before it eats up your home and your investment.**



Termites are the most destructive wood pests and greatest known threat to your home. It's favourite food? Your home-wood beams that support your home, doors, parquet floors, wooden furniture, anything that is wood-based, even your books! And fast do they grow. The colony reaches its maximum size in approximately 4 to 5 years and may include 60,000 to 200,000 workers. And even in that numbers, you probably won't notice them as they slowly devour your home.



### Subterranean Termites

**Queen:** The queen is tended and fed by the workers. Depending on the species, a queen may live for twenty-five years and lay more than 60,000 eggs in her lifetime.



**Workers:** Approximately eighty percent of the colony population are workers. They carry out the work of the nest and are responsible for gathering the food the colony needs. It is their feeding that causes the timber damage to homes and property.



**Soldiers:** Soldiers are protectors of the colony against enemy attack, especially by ants. They have a much larger head and jaws than the workers. They rely on the workers for their food.



**Alates:** On some warm, humid evenings large numbers of winged male and female termites, the future kings and queens, are released by the colony. A small number survive the flight, drop their wings, pair up, mate and, if they can find a suitable location, start a new colony.



### Habits & Damage

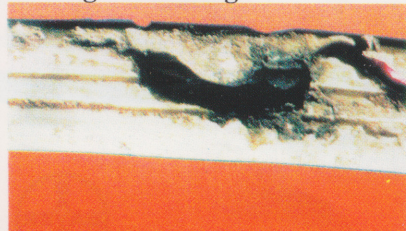
#### Termite Nest



#### Damage to Timber



#### Damage to Wiring





# ® 200 SC

## the control of termite colony.

### Premise 200 SC a Non-Repellent Chemical

**Premise 200SC** is the product of years of extensive research and development by Bayer.

**Premise 200SC** is the termiticide from Bayer that pest control operators are using. **Premise 200SC** provides a complete treated zone around your house against intruding termites - a feature we call Lateral Soil Movement.

#### An underground system of Mass Transit

Termites probe through the soil until they come in contact with a food source, a process known as "random foraging." From their colonies, these foragers can travel as far as 5.4 - 6.0 metres. Once a food source is located, they build a path to start their system of transporting the food back to the colony. In most cases, termites never expose themselves to light or open air, making their detection during feeding nearly impossible. Even in crossing over non-soil matter such as concrete, they will build tubes composed of soil particles to keep themselves protected.

Everything is then in place for a system of mass food transportation. Thousands of termites will travel back and forth from the food source to the nest, carrying with them the sustenance the colony needs to survive. Termites colonies work as interdependent units - they all rely on each other for survival. **Premise 200SC** interferes with this instinctive social behavior, contributing to the termites' demise.

#### Most recent Termiticide - Treated Zone Termiticide

Historically, when termites came in contact with a termiticide, they were controlled by

one of two means. The termites are either killed or they were repelled. Termites that are repelled may find other untreated points of entry and attack your home.

#### Premise 200 SC, a Non-Repellent Chemical

When **Premise 200SC** is applied to the soil, a treated zone is created. Termites cannot detect the treated zone, so they enter it and are immediately affected. Termites stop feeding, grooming and becomes disoriented.

The active ingredient of **Premise 200 SC** - imidacloprid, binds to the nicotinic acetylcholine receptors at the nervous systems which leads to paralysis and eventual death.

**Premise 200 SC** affects termite ability to withstand infection by preventing their natural grooming behavior. The pathogens naturally occurring in the soil now have the opportunity to attack, infect and kill these disabled termites.

#### Treated Zone that Leaves No Gaps

To stop the termites' feeding process, pest control professionals apply **Premise 200SC** around and directly beneath the foundation of your house. The most effective treatment is the one that provides the most continuous treated zone between your home and the foraging termites. So to provide maximum protection, pest control professionals may drill holes in the floor and trench or trench and rod around the outside of your house to inject the termiticide which should then distribute throughout the soil along the foundation creating a seamless, **treated zone**.

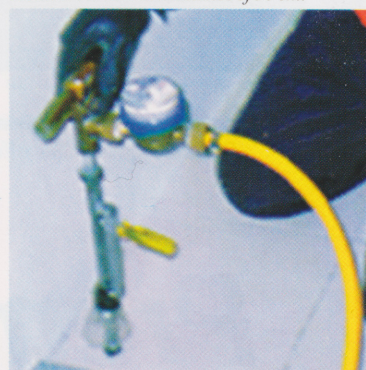
#### Creating a Treated Zone Involves



Concrete slabs have to be drilled.



Holes are drilled at a distance of 50 cm.



Premise 200SC injected through slab.



Each hole is filled with 5 liters solution.

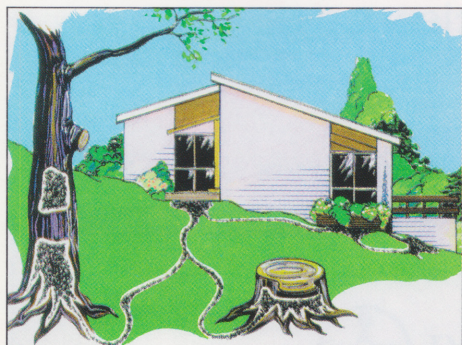
#### Enhanced protection for your home

##### Pre-construction treatment:

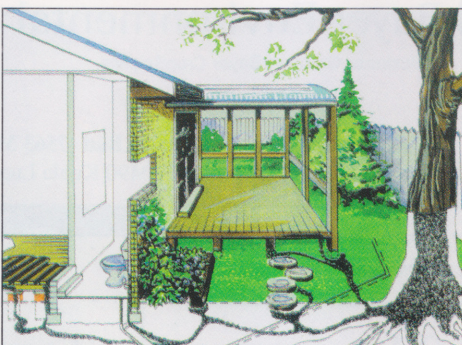
- Protects your property even before it is built.

##### Post-construction treatment:

- Creates a **treated zone** around and under the building foundation.



Common termite nest locations



Possible termite entry points.



## Special Features and Benefits

- Provides an effective and reliable Treated Zone
- Spreads well in soil
- Kills termites
- Low rates
- Water based SC formulation

## Hints on how to make termites feel unwelcome

- Do not build up soil or garden beds against the house.
- Do not stack timber or other materials against the house.
- Do not store wooden materials beneath the house.
- Make sure that there is good access for inspection around and under the house, especially against the walls.
- Fix leaking downpipes and gutters and ensure good drainage around and under the house.
- Allow for adequate sub-floor ventilation.
- Have a regular, at least annual, inspections by your licensed pest control operator.



Read the product label before use

Premise 200SC is a systemic insecticide which acts as a contact and stomach poison.

### DIRECTIONS OF USE:

#### To protect wood from termite infestation.

Material	Pest	Usage Rate 10 litres water	Method of Treatment
Timber	Termite ( <i>Coptotermes curvignathus</i> )	12.5 ml	Spray or paint surface of dried timber or soak in mixture for 30 minutes.

#### To protect building foundation against termite attack.

Site	Pest	Usage Rate 10 litres water	Method of Treatment
Foundation site/ Floor surface.	Termite ( <i>Coptotermes curvignathus</i> )	12.5 - 25 ml	Spray at 5 litres/m <sup>2</sup> . Spray onto foundation before installing floor slabs. Use the higher rate for longer protection.

#### To protect building site and floor surfaces.

Post-construction place	Pest	Usage Rate 10 litres water	Method of Treatment
Building foundation site/Floor	Termite ( <i>Coptotermes curvignathus</i> )	12.5 - 25 ml	Drill holes 50 cm apart along the wall, 15.2cm away from walls. Pump into each hole 5 - 6 litres of the solution. Use the higher rate for longer protection.

**Mixing Guide:** Half fill the tank with clean water. Mix Premise 200SC according to recommendation in the table. Add the required balance of clean water and stir. Do not use rate higher than recommended.

#### Treatment Guide:

**Foundation site** - Spray solution onto foundation or before installing floor slabs at 5 litres/m<sup>2</sup> or linear meter. Do not spray in the rain or when it is going to rain.

Premise 200 SC is effective for at least two years and have shown to prevent damage to timber in soil for at least 2 - 5 years under heavy termite attack.

# Premise® 200 SC

Creates a treated zone for the control of termite colony.

TO BE HANDLED BY TRAINED PERSONNEL ONLY.



Bayer Environmental Science

A Business Group of Bayer CropScience

Bayer CropScience (M) Sdn Bhd (7563 M)

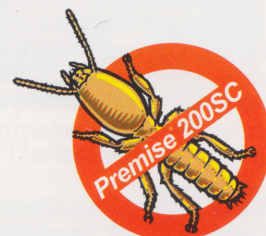
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Before using our products read and carefully observe the instructions, warnings, statements, and other information appearing on the product label.

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FOR TERMITE  
CONTROL

For more information please contact: