Premise 200SC Termiticide is now registered for use through reticulation system

Premise has now been on the market in Australia for 5 years and has been in Australian field tests with CSIRO since 1993. In that time it has developed an excellent reputation for safety and reliability and is now the leading post-construction soil termiticide. Pest Managers changing to Premise report a dramatic decrease in their callback rates in comparison to their previous termiticide.

Premise has now been approved by the National Registration Authority for use through reticulation systems certified as meeting Australian Standard 3660.

Premise is ideal for reticulation systems

Non-repellency

Reticulation systems are designed to apply a complete barrier against termite entry, but once the slab has been placed it isn't possible to tell whether some sort of soil anomaly has led to the gap in the treatment.

As termites in soil do not detect Premise they cannot find gaps in the "barrier". Once they enter the TREATED ZONE they become dysfunctional and cease normal behaviour. Premise kills termites before they find any gaps.

Transfer of active ingredient

Termites contacting Premise in the soil will pick up small amounts of residue and pass some on to other termites they contact. They too will die.

Premise doesn't just repel termites, it kills them and it can kill them well beyond the TREATED ZONE.

Premise plus Nature

At low doses Premise changes the behaviour of termites so that they stop defending themselves against fungal attack. Within days the termites are overwhelmed by naturally occurring fungi.

No odour – Low toxicity

The active ingredient in Premise has the lowest acute toxicity to mammals of any current soil applied termiticide. In addition it has no smell so the occupants of the treated dwellings are undisturbed by the treatment. Measurable airborne residues will not occur from treatment.

No solvents

Premise is water-based. There are no organic solvents in the formulation to damage the pipes of the reticulation system.

Excellent lateral spread properties

Premise is water soluble at normal application rates and therefore moves well through the soil at application. It has useful hysteretic binding properties, meaning that it is slow to bind to soil but once bound hangs on more tightly. Such properties allow good dispersion at application while ensuring that the active ingredient remains in place to control termites. Premise makes it easier to achieve the desired complete and continuous Treated Zone.

System requirements

The reticulation system used must be capable of establishing and maintaining complete and continuous treated zones around building perimeters, service penetrations and other possible termite entry points between the structure and the termite colonies in the soil (in accordance with the Australian Standard AS3660 series). Reticulation systems suitable for this purpose are certified as meeting AS3660 by suitable persons or organisations with the relevant expertise in that area of termite management and engineering construction. The system must allow the application of a minimum 100 mm thick Treated Zone. It is strongly recommended that the product user communicate with the builder and subcontractor to ensure that the reticulation system is, or has been, installed according to the system manufacturer's specifications and Australia Standard AS3660 series. Reticulation systems, which have been incorrectly installed, are likely to increase the chances of concealed termite entry because they may establish an incomplete soil barrier.

Treatment / re-treatment

The initial under-slab treatment shall be applied through the reticulation system as soon as possible after a 28-day period following the placement of the slab, but not more than 60 days after placement.

Australian trials indicate that a correctly applied Premise treatment will prevent concealed termite entry by subterranean termites (except *Mastotermes*) for at least two years and *Mastotermes* for at least one year. Regular (at least annual) competent inspection is recommended as part of an ongoing termite management programme.

Summary

- ✔ Premise is odourless and has a favourable safety profile
- ✔ Premise is a very reliable soil termiticide because it kills termites rather than simply repelling
- ✔ Premise is water-soluble. It moves well through the soil then binds making it easier to achieve a complete Treated Zone
- ✔ Premise has no solvents to damage plastic containers
- ✔ Premise works with Nature to achieve the best results
- ✔ Premise has proven performance

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