

TERMITES CAN DEVOUR YOUR HOME!

Australia's subterranean termites (often referred to as white ants) are the most destructive timber pests in the world. In fact it can take as little as 3 months for a termite colony to severely damage almost all the timber in your home.

The most destructive species live in large underground colonies containing over a million voracious timber destroying insects. A single colony may exploit food sources over an area as large as one hectare, with individual termite feeding galleries extending for 75 metres or more to enter homes, where there is normally a smorgasbord of timber to feast upon.

If their entry is sufficiently concealed, termites can attack a structure with impunity for a considerable amount of time before they are discovered. This is because termites generally attack wood from the inside out, concealing their presence because of their lack of defences against natural predators.

Even concrete slabs do not act as a barrier; termites can penetrate through cracks in concrete slabs to gain access.

Once in contact with timber, termites excavate it, often leaving only a thin veneer on the outside.



ULTRATHOR – THE ULTIMATE SOLUTION

Even prior to the banning of the pre-eminent cyclodiene termiticides in the 1990's, pesticide research scientists had been searching for a lower toxicity, low-odour, equally (or more) effective termiticide molecule. The molecule needed to be effective at low rates of application yet have long-lasting residual properties. Scientists found what they were looking for in fipronil, the highly potent active constituent in **ULTRATHOR**.

With its unique mode of action, **ULTRATHOR** will not only eliminate the current termite activity at your property; it will also provide long-term, proven protection against future termite entry. In fact we **GUARANTEE*** **ULTRATHOR** to protect your home for at least 8 years. Since **ULTRATHOR** also rapidly reduces termite numbers around your home it gives you **DOUBLE** the protection!

ULTRATHOR is applied by professional pest managers as a continuous Termite Defence Zone™ around and under your home, according to its style of construction.

ULTRATHOR is non-repellent to termites. This means that they are totally unaware of its presence in the soil around your home. So they continue their normal foraging activities through the soil, totally unaware that it is slowly building up in their bodies, until it reaches a lethal dose. And no more termites!



INSIST ON ULTRATHOR LIQUID TERMITICIDE



ULTRATHOR – KEY FACTS

Active Constituent:	100g/L fipronil
Concentration in Use:	0.6g/L (0.06%) fipronil
Formulation Type:	Water-based suspension concentrate.
Smell:	Odourless

ULTRATHOR Kills Termites:

ULTRATHOR kills termites when they eat it or come into contact with it. It affects the central nervous system of the termites by preventing the passage of chloride ions into the nerve cells through either the GABA-receptor (gamma-aminobutyric acid) or one of two glutamate-gated chloride channels. In short, the presence of three different target sites in insects explains why **ULTRATHOR** is highly potent against termites.

ULTRATHOR Safer to People:

ULTRATHOR is safer to people because the glutamate-gated chloride channels do not exist in people or other mammals. Fipronil is also more specific to the GABA receptor of insects than that of mammals or birds. This increases the margin of safety for people, pets and other animals. Fipronil is also non-toxic to earthworms.

ULTRATHOR Stays Put:

ULTRATHOR adsorbs tightly to soil, has low solubility in water, and a low vapour pressure; as do its environmental degradates. Low application rates, combined with the unique **ULTRATHOR** formulation also reduces the risk of run-off.

PHONE 13 35 36

www.ultrathor.com.au • info@ensystex.com.au

ULTRATHOR™ Trademark of Ensystex, Inc. used by licence to Ensystex Australasia Pty Ltd.

Rev 2.01 01.12

GUARANTEED* TO KEEP YOUR HOME SAFE FROM TERMITES



WATER BASED TERMITICIDE

QUICK ACTION

LONG LASTING CONTROL

ELIMINATES TERMITES

ODOURLESS

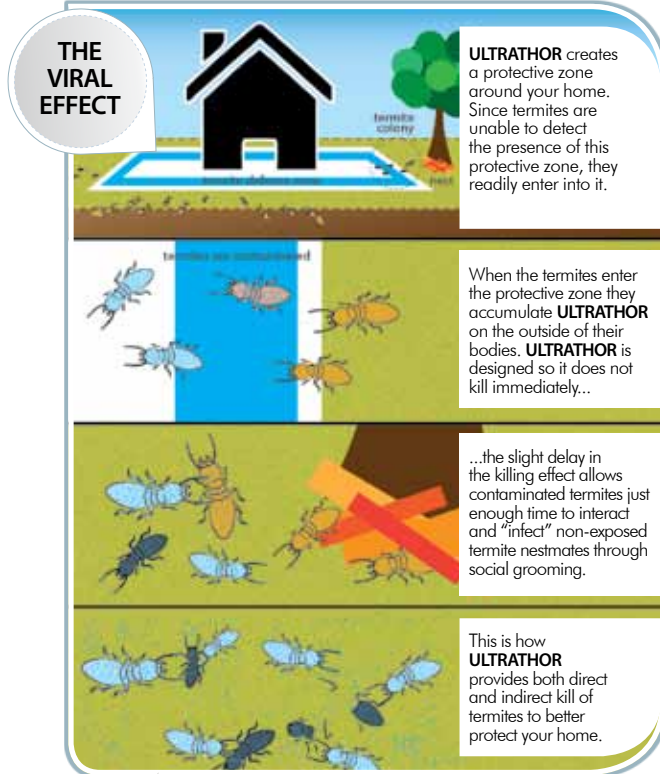
PEOPLE, PET & PLANT FRIENDLY

ULTRATHOR – ULTIMATE CONTROL

ULTRATHOR provides fast elimination of the termites attacking your property together with highly effective, long-term residual termite control. With its unique mode of action we guarantee* that ULTRATHOR will provide proven protection against termite entry for up to 8 years or more.

ULTRATHOR is only available to licensed, professional pest control companies to ensure you get the best results.

“ULTRATHOR is fully approved for use in domestic and commercial situations by the Australian Pesticides and Veterinary Medicines Authority (APVMA)”

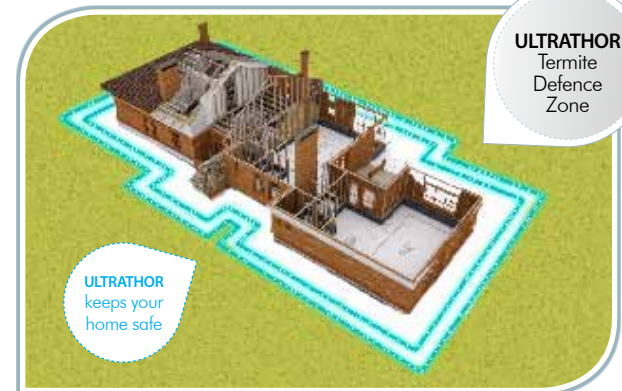


ULTRATHOR – THE SILENT KILLER

Once applied to the soil around your home, ULTRATHOR remains exactly where your professional pest manager applied it. Leaching studies performed as part of the registration process for ULTRATHOR prove just how tightly ULTRATHOR remains bound to the soil around your home.

When termites approach the ULTRATHOR Termite Defence Zone, they pick up the deadly (to termites) molecules of fipronil. Those termites that remain in the Termite Defence Zone, blissfully unaware of the presence of ULTRATHOR, will quickly die.

Those termites that do not remain tunnelling into the ULTRATHOR Termite Defence Zone usually survive long enough to transfer the ULTRATHOR to other termites in the colony through grooming. This Viral Transfer Effect™ allows ULTRATHOR to rapidly spread throughout the termite colony, the same way as a virus spreads through the internet, infecting all in its path.



The results are fatal, even to those termites that were not directly exposed to ULTRATHOR in the soil. If termites continue to tunnel into the treated soil where the ULTRATHOR is stronger, they will die more quickly. This means that ULTRATHOR provides both direct and indirect kill of termites to protect your home. So, when you guard your home with ULTRATHOR, you protect your home with both a protective shield, as well as eliminating termites when they try to attack.

ULTRATHOR – LONG TERM CONTROL

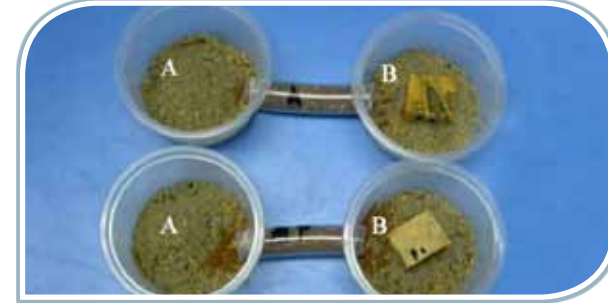
Fipronil, the active constituent used in ULTRATHOR, has been proven globally in the most demanding termite control situations imaginable, providing the most effective termite control in the widest range of climatic conditions and soil types. In almost a decade of use here in Australia, fipronil has been exceptionally successful, even when dealing with the toughest of termite problems. Laboratory studies performed by Ensystem have confirmed the superior effectiveness of fipronil. During these laboratory studies, direct observation of the behavior of



ULTRATHOR Soil Contact Study

termites exposed to fipronil was confirmed. In soil contact tests, replicates of fifty termites each were exposed to soil treated with ULTRATHOR at the label rate. In every single replicate and soil type, 100% mortality was achieved within 24 hours.

Similarly in a Soil Tunnelling study it was proven conclusively that the termites were unable to detect the presence of ULTRATHOR. For this study, ULTRATHOR was applied to soils at the recommended application rate. A treated soil



ULTRATHOR Soil Tunnelling Study

column was packed in a clear plastic tube, 7cm x 1.5cm. The end of each tube was attached to a container, holding either 100 worker termites (A) or a piece of timber (B).

All experimental units were kept in the dark. All tests achieved 100% mortality after just 24 hours. All termites in the control survived. This shows conclusively that the termites were unable to detect the presence of ULTRATHOR. This University conducted report confirms the superior effectiveness of fipronil containing ULTRATHOR against termites.

ULTRATHOR AND THE ENVIRONMENT

In an increasingly environmentally conscious world, one of the greatest assets of ULTRATHOR is its inherently low dose rates when compared to some other termiticide products. Furthermore ULTRATHOR is resistant to leaching, it's odourless, non-staining, and will not harm plants, earthworms, or micro-organisms.

ULTRATHOR has also been independently evaluated and registered for use by the Australian Pesticides and Veterinary Medicines Authority (APVMA). This regulatory process involved independent expert analysis by leading government appointed scientists and covered efficacy, health, toxicity, and occupational safety.



ULTRATHOR has been rigorously assessed by the independent APVMA

PROTECT YOUR HOME FROM TERMITES WITH ULTRATHOR

GUARANTEED*
TO KEEP
YOUR HOME
SAFE FROM
TERMITES

HELP MAKE SURE THEY DON'T COME BACK

- 1 Arrange to have your property professionally inspected annually by a professional pest manager as recommended by the Australian Standard AS 3660 Termite Management.
- 2 Replace untreated timber garden surrounds or retaining walls with termite resistant materials.
- 3 Eliminate sources of excess moisture such as faulty plumbing, leaks, or dampness caused by poor drainage.
- 4 Rake garden beds away from structures to expose weep holes and the edge of concrete slabs.
- 5 Remove any loose timber, trash and areas of direct wood to soil contact around your property. Remove any dead trees and stumps since they are nesting sites for subterranean termites.