



# TERMIDOR<sup>®</sup>

## TERMITE CONTROL



**IF YOU'RE NOT ASKING FOR  
TERMIDOR, YOU'RE ASKING  
FOR TROUBLE.**

 **BASF**

The Chemical Company



## Termites can destroy your home

Termites are increasingly causing major structural damage to buildings throughout Australia and striking fear into the hearts of homeowners.

With the home so often the major family asset, and termite infestation being essentially uninsurable, homeowners are desperately seeking reliable protection against termites.

Termites can be found throughout mainland Australia. They live in a central nest or colony, from which they forage over large areas in search of timber, their staple food. Once a source is found, worker termites strip and partially digest the timber before returning to the nest to feed the colony. Some colonies may contain over one million hungry termites, and the timber used to build homes provides a very attractive meal. Attacking in large numbers, termites can feed to the point of leaving only a thin timber veneer, and this can happen in a matter of months.



Since the banning of older but effective chemistry in the 1980's as a result of environmental concerns, there has been a frenzied search for a termite control product (termiticide) that offers real, long-term control with fast initial kill, no smell and low toxicity to humans and pets.

## Effective termite control is here

After many years of patient research, the solution has finally arrived...

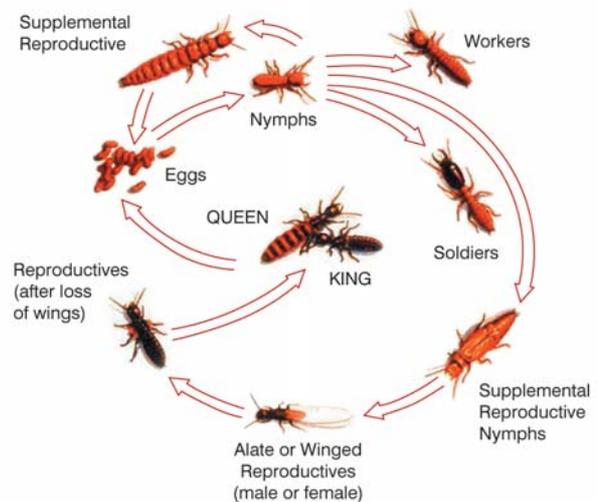
### **Termidor.**

Most termiticides are repellent and rely on keeping termites away from treated structures.

While such products are toxic to termites, very few of the termites are actually killed before being repelled by the termiticide barrier.

As a result, termites remain alive and actively seek gaps in the barrier in order to gain access to the building. They do this day after day, year after year until they find a way through.

### **Termite Lifecycle**



**Termidor** is non-repellent to termites. This means that they cannot detect the product and will not avoid the treated area. As a result, termites continue to randomly forage through the soil until they encounter **Termidor** and pick up a lethal dose.



## How does Termidor work?

**Termidor** is applied as a continuous chemical soil zone around and under the home. Any existing termite activity will be treated according to Australian Standards (AS3660.2). Correct application by a licensed pest control operator is essential in order to ensure that the treated zone is complete.

**Termidor** moves only a small distance outward from the site of application before binding tightly to organic matter in the soil. This means that **Termidor** concentration decreases with increasing distance from the site.

Termites first come into contact with **Termidor** at the edge of the treated zone as they tunnel through soil toward the home. At this point, the product is at its

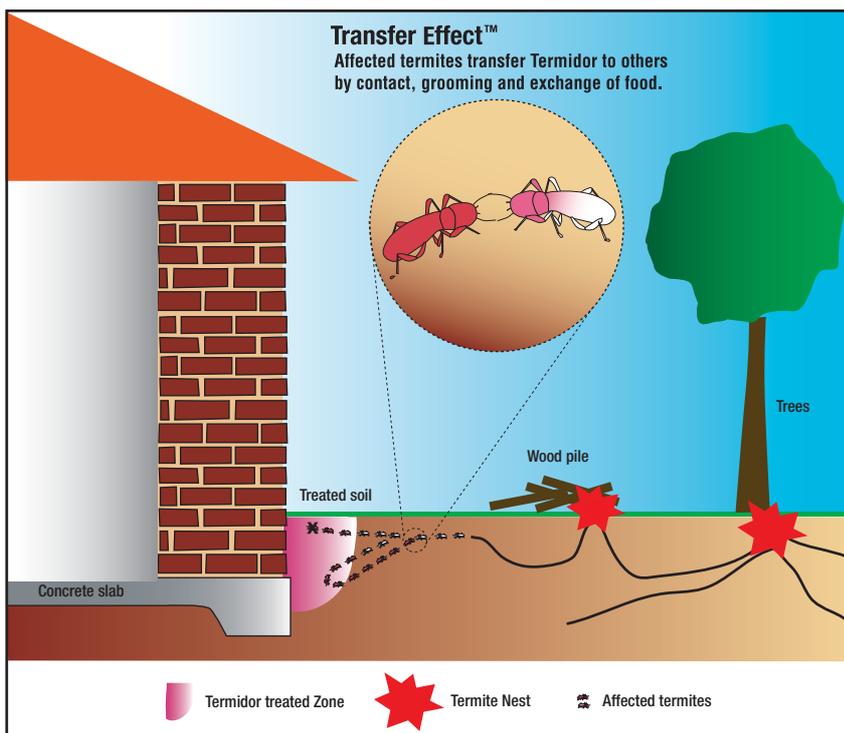
lowest concentration. Those termites that do not immediately continue tunnelling into the **Termidor** treated zone will survive long enough to transfer **Termidor** to others in the colony through normal feeding and grooming. This unique Transfer Effect™ is devastating to other termites not directly exposed to the **Termidor** treated zone, and indeed may wipe out the entire colony.

If termites continue to tunnel into the treated soil where **Termidor** concentration is higher, they will die more quickly.

This means that **Termidor** is two termite treatments in one. A single application of **Termidor** according to label directions begins working immediately to eliminate existing termite infestations in buildings,

and also provides long-term protection against future termite activity.

Numerous field trials in the Northern Territory were conducted on *Mastotermes darwiniensis* infestations, to specifically measure how far **Termidor** is transferred throughout a single colony. Results demonstrated success in eliminating all termite activity up to 40 metres from the original **Termidor** application.

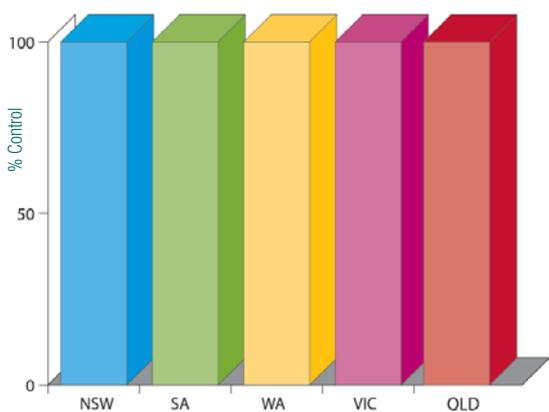




## Termidor controls termites

The performance of **Termidor** has been proven around the world, in all types of conditions, and in the most difficult-to-control situations.

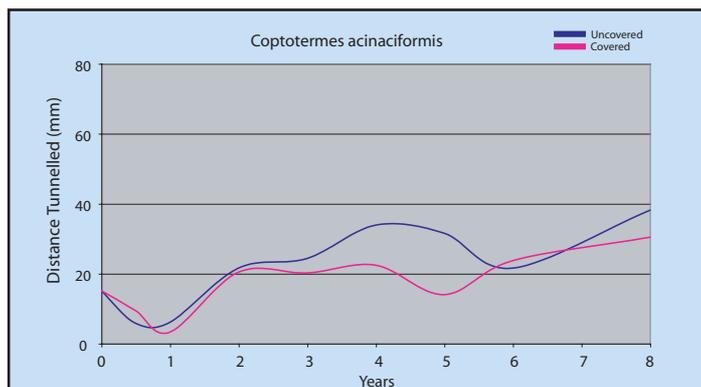
**Termidor** has been extensively tested under Australian conditions, including the treatment of 22 termite-infested houses across five states under an experimental use permit. The results were outstanding and are illustrated in the graph below. In every state, 100% control was achieved within 9 weeks. On average, termite activity was eliminated within 4.3 weeks\*.



EUP Commercial Trials. 22 Buildings treated during 2002 in Australia.

CSIRO Forest Products continues to monitor **Termidor** treated soil trials in Queensland, New South Wales, Victoria and South Australia, with excellent results observed against Australia's major termite pests *Coptotermes acinaciformis* and *Mastotermes darwiniensis* even 8 years after treatment.

The following graph illustrates the mean distance tunnelled by termites (*Coptotermes acinaciformis*) into soil treated with the label rate of **Termidor**. Both weather-exposed and covered sites were assessed.



Blue=weather-exposed Pink=covered

This data confirms that termites are controlled before they can tunnel through the **Termidor** treated soil barrier and reach the home, even 8 years after the product was applied.

**Termidor** has also created excitement in the USA by being the first product since those banned in the 1980's to provide 100 % control of termites at all U.S. Department of Agriculture field testing sites. The most recent reports indicate **Termidor** was still providing 100% control 8 years after treatment, while a number of competitor products failed much earlier. This is illustrated in the table below.

USDA-Forest Service Comparison Data – Ground Board Test				
Chemical - US label Rate	No. of Years at 100% Control			
	Site 1	Site 2	Site 3	Site 4
<b>Termidor</b>	8	8	8	8
Imidacloprid#	3	2	1	2
Chlorpyrifos	3	3	2	6
Permethrin	4	4	1	1

Source: USDA Tenth Progress Report 8/11/2004  
# imidacloprid applied at 0.1%. This is the registered rate of Premise® 1 200SC for control of Mastotermes only and 2x the rate for all other species.

**Termidor** has been used in more than 50,000 structures in Europe and more than 2 million structures in the USA.

**Termidor** use is expanding rapidly throughout Asia. In Thailand, **Termidor** is now the biggest selling termiticide in the most difficult tropical conditions.

\* BASF Data, 2002.

Photo courtesy of CSIRO

## Termidor and the environment

When applied according to the label directions, **Termidor** has minimal impact on the environment. **Termidor** is applied at some of the lowest doses of any of the termiticides available today, and the active ingredient has been registered in household pet products in Australia since 1996.

**Termidor** has been assessed by the Commonwealth Department of Health and Ageing, and is fully approved for use in domestic and commercial situations.

**Termidor** is water-based and has no odour. **Termidor** will not leach through soil and is not damaging to soil micro-organisms, earthworms and plants.

**Termidor** provides highly effective, long-term residual termite control. With a unique mode of action, **Termidor** not only provides a proven barrier to termite entry, but may also be transferred to other termites and wipe out the entire colony.

When compared with other termiticides, **Termidor** has consistently provided termite control over a significantly longer period. **Termidor** also controls termite populations more rapidly than baiting systems which rely on attracting termites to begin to work.

For control of termites and peace of mind, insist on **Termidor**.

# *It's your home, why risk it?*

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## Termite Tips

- DO have your licensed Pest Control Operator conduct thorough inspections of your home and surrounds at least every 12 months, and more frequently in high risk situations.
- DO keep all sub-floor areas clean, dry and well ventilated where possible.
- DO fix up leaking plumbing eg: downpipes, gutters and taps, and ensure that there is good drainage around the house.
- DO NOT build up soil, mulch or garden beds against the house.
- DO NOT store timber or wood-based materials under or against the house.

## Termidor delivers these outstanding advantages:

- Unique mode of action for unequalled termite control
- Fast elimination of termite activity
- Unique "Transfer Effect"
- Low dose
- No odour
- Non-repellent
- No effect on soil micro-organisms, earth worms and plants
- Water-based
- Long-term residual control

**Termidor Hotline: Free Call 1800 006 393**

**[www.termidor.com.au](http://www.termidor.com.au)**

**Disclaimer:**

The information submitted in this publication is based on current BASF knowledge and experience. In view of the many factors that may affect its application, this data does not relieve the user from carrying out their own tests. The data does not imply assurance of certain properties or of suitability for a specific purpose. It is the responsibility of the user to ensure that any proprietary rights and existing laws and legislation are observed.

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Termidor should be applied by licensed Pest Control Operators only.

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