# IMIFORCE

## TERMITICIDE

Product Guide

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SHERWOOD CHEMICALS

# A PROFESSIONAL STRENGTH HIGHLY EFFECTIVE ODOURLESS NON-REPELLENT TERMITICIDE PROVIDING EFFECTIVE CONTROL OF TERMITES.

## Termite protection

As an international manufacturer specialising in the development of termite control products, we understand the importance of termite management and also the devastating damage these little critters can cause, not only to your structure, but also to your financial and mental health!

Like any investment, your property requires regular maintenance and a cost effective solution. For long term cost effect protection, you can protect your investment by employing a certified professional to perform at least yearly inspections and install a chemical treatment zone or termite management system around the perimeter of your property.

## The role of Pest Manager

The job of the pest manager is to match the positive and negative attributes of each termite product to each specific situation. In general there are 3 types of termite management products for new and existing buildings. These include; physical barriers, chemical treatment (repellent and non-repellent chemicals) and baiting systems (Termatrix Termite Management System).

If your home has termites, I am confident that the Sherwood Accredited Pest Manager would have provided you with a comprehensive Termite Management Proposal. This is a requirement of the Australian Standard 3660.2 – 2000 Termite Management Part 2: In and around existing buildings and structures. This Standard specifies that a pest management firm or consultant proposing a Termite Management Recommendation must supply a written proposal that includes the following:

1. Details of the methods of management proposed and all materials to be used.
2. Assessment of the options and anticipated outcomes on the choice of materials proposed.
3. Cost of the management options offered.
4. A list of limitations that affect the termite management program.

## What makes IMIFORCE Unique?

IMIFORCE 200 SC TERMITICIDE contains the active ingredient Imidacloprid, the first and most widely used non-repellent termiticide on the market. Imidacloprid was the first non-repellent to succeed in the rigorous USDA-Forest Service testing, even under the harsh conditions seen in Arizona and Florida which are similar to conditions here in Australia. More importantly, imidacloprid has proven itself as a reliable structural protection product where it counts, eliminating and preventing termites from homes and businesses. To date, when safety and performance are combined, imidacloprid is the most trusted non-repellent termiticide. The effective life of IMIFORCE chemical soil barriers vary considerably throughout Australia depending on the soil type, rainfall and climatic conditions in your area. Your professional pest manager will be experienced in your area and will be able to determine the minimum length of protection expected for this products, based on their experience.

IMIFORCE

*"Imidacloprid was the first non-repellent to succeed in the rigorous USDA-Forest Service testing"*

# IMIDACLOPRID HAS SHOWN IN LABORATORY STUDIES THAT IT CAN BE TRANSFERRED FROM INFECTED TO UNINFECTED TERMITES THROUGH THE SOCIAL INTERACTION BETWEEN TERMITES.

## IMIFORCE has been developed for Professional Pest Managers

IMIFORCE 200 SC is applied to the soil to form a zone between the soil and the building structure, which prevents termites from entering your home. IMIFORCE can be applied under a concrete floor or around the foundations of the building both prior to or after construction.

Termite chemical control through chemical soil treatment application as a perimeter barrier is one of the most common methods of control.

Termite chemicals zones are popular since they can provide an ongoing level of protection for your property.

The concept is to treat the soil around the structure with an approved termiticide (IMIFORCE) so that there is no part of the structure that the termites can access without tunneling through the treated soil they are either killed or they accumulate sub lethal doses of the active ingredient Imidacloprid and transfer this among other workers as part of their social nature. This accumulation results in the build up of lethal doses of imidacloprid throughout the colony and total colony elimination is possible.

As with any termite control program, your property always remains susceptible to future attack from new termite colonies or other established colonies in your area. The good news for the homeowner is that the IMIFORCE soil treatment chemical will remain in place for many years even after the existing attack on your property has been eliminated. An IMIFORCE treated soil zone acts on an on-going basis to prevent termite entry through a treated soil area into a building or other protected structure. When a complete soil treatment zone is not a viable option, we recommend installing TermatriX Termite Elimination System at not more than 3m intervals around the perimeter of the building.

## Non-repellent action: stops worker termites from feeding

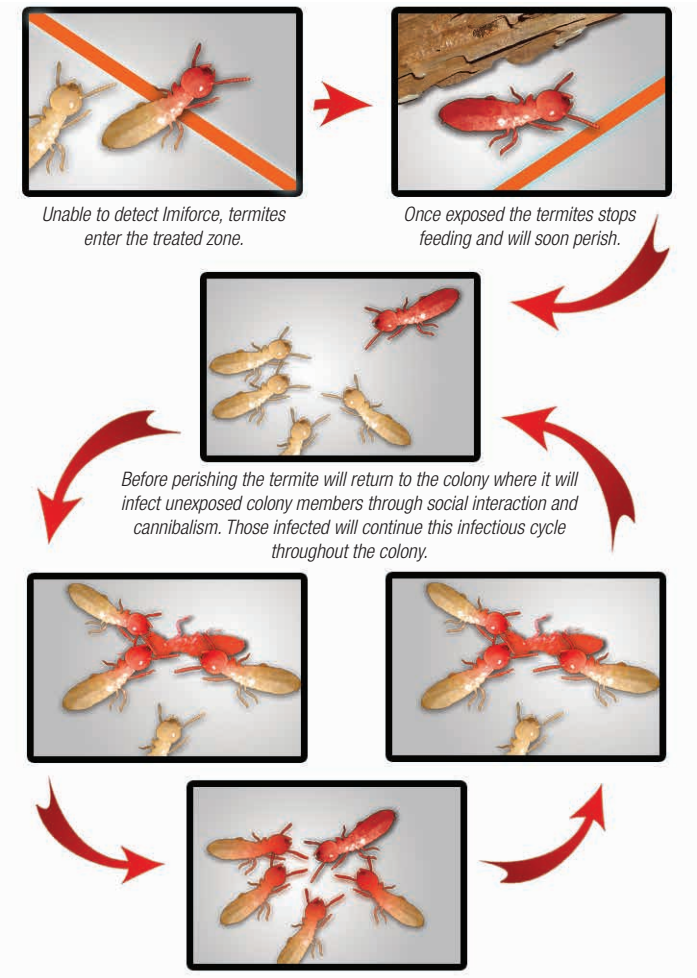
Imidacloprid, the active ingredient in IMIFORCE has long been shown to be non-repellent to termites and other pest insects. Imidacloprid has shown in laboratory studies that it can be transferred from infected to uninfected termites through the social interaction between termites. This transfer of imidacloprid from infected to uninfected termites can result in termite control beyond the treatment zone and provide additional protection from future termite attacks, as termite colonies become suppressed.

The non-repellency of imidacloprid also means that termites cannot detect the presence of IMIFORCE, so a less than perfect application is more forgiving when compared to other older chemicals that rely on repelling termites away from the treated chemical zone.

## How does IMIFORCE work?

IMIFORCE kills insects by disrupting their central nervous system, specifically by blocking the nicotinic acetylcholine receptors. Since such receptors are more abundant in invertebrates than in vertebrates, IMIFORCE is selectively more toxic to insects than to humans and wildlife making it ideal for use around homes and in gardens.

## Diagram of how new non-repellent chemical zones work.




## Environmental impact of IMIFORCE

Imidacloprid the active ingredient contained within IMIFORCE is not volatile so there is little likelihood of humans being exposed to this compound in the air. Imidacloprid is moderately soluble in the water, is moderately adsorbed by soil, and has a moderate to long half-life in soil. When applied according to the label directions, IMIFORCE has minimal impact on the environment, low mammalian toxicity and little to no odour or smell. It has been rigorously assessed by the APVMA with regards to Efficacy and Performance, Environmental Impact and Occupational Health and Safety. Like most insecticides, IMIFORCE is highly toxic to aquatic organisms so please follow the directions of use as stated on the label.

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# KEY PRODUCT FEATURES

IMIFORCE A new generation (non-repellent) insecticide with lethal action on Termites

IMIFORCE provides up to 5 years protection

On contact IMIFORCE impairs the physiological activity of Termites, they stop feeding and die within a few days

IMIFORCE has no vapour or irritation as it is a water-based SC

The active ingredient in IMIFORCE is used in tick and flea petcare products and is the most widely used pesticide worldwide for crop protection

Applied by trained Professional Pest Managers

Developed and supported by a Research & Development company

Manufactured to ISO9001 (Quality) & ISO14001 (Environment) & GMP standards

With compliments:

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