

Protection With Responsibility

Nothing Lasts Longer

Nothing Is More Effective

You Deserve Nothing Else



**Biflex TC**

*The genNext termiticide that repels strongly AND kills promptly*

**FMC**

*Your Performance Advantage*

**FMC** Corporation has operated as one of the world's leading producers of chemicals for industry, agriculture and speciality applications for more than 120 years with its headquarter at Philadelphia, USA. FMC Specialty Products serve as the first line of defense against pests that attack important sources of food, destroy shelter or diminish the quality of human life in more than 80 countries across the globe. We combine state-of-the-art facilities with technical expertise to create innovations for professional and specialized pest control situations. Biflex TC is the result of years of such efforts of our scientists in Princeton, USA.

**Biflex TC is a synthetic pyrethroid modeled on mother nature's very effective insecticide pyrethrum which is extracted from the Pyrethrum Daisy. Bifenthrin, the active ingredient in Biflex TC is used in several countries to control a variety of pests like termites, ants, cockroaches, mosquitoes, spiders, chinch bugs, fleas, flies, wasps and more. It is also used extensively to protect wood against wood damaging insects like termites and borers.**



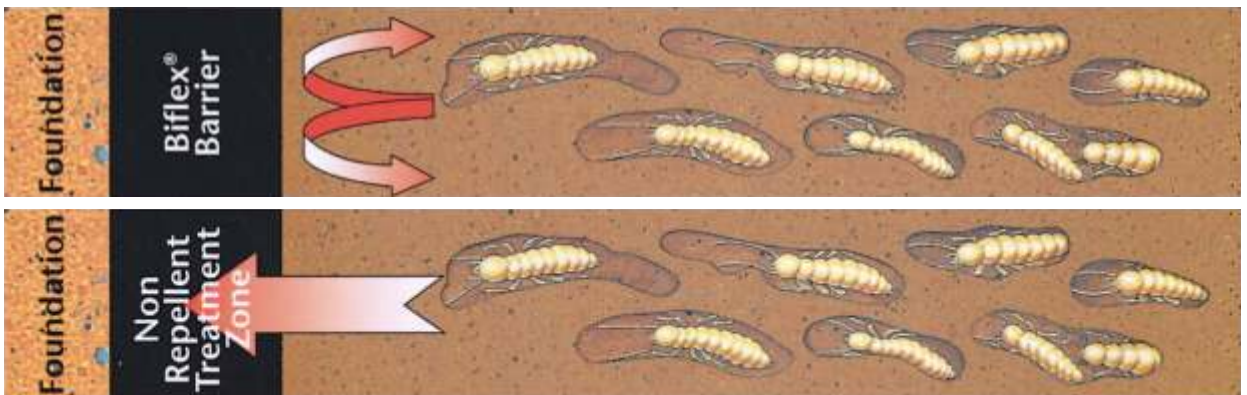
Biflex TC is the most advanced development in today's growing world of termiticides. Based on a unique pyrethroid called bifenthrin, Biflex TC brings unequalled levels of termiticidal activity. Furthermore, Biflex TC also provides significant improvements to the health and safety of both the Pest Control Applicators and the Homeowners. Biflex TC protects with responsibility. These important benefits of Biflex TC are due to the unique characteristics of the bifenthrin molecule and represent the most significant breakthrough in termite control since the introduction of the organochlorines some 50 years ago. Biflex has been thoroughly tested in areas of severe termite pressure globally and is the most widely used termiticide in its class - used around the world in several countries including the United States of America, Australia, and Japan. The product has also been extensively tested and recommended in India by the Central Building Research Institute(CBRI), Roorkee, for Pre-Construction and Post-Construction anti- termite treatment.

# Double Action Protection



Biflex TC solves your termite problems in two ways. Not only does it work quickly to **KILL ACTIVE TERMITES**, it also creates an invisible protective barrier that surrounds your home to **REPEL TERMITES**.

Some termiticides only kill termites when they penetrate a chemically treated zone as they move towards a structure. With Biflex TC termiticide, the active ingredient prevents termites from crossing the barrier **AND** kills them on contact. The advantages of a repellent barrier vs. non-repellent zone are obvious.



Even when a Biflex TC termiticide barrier becomes thin or weakened over time, it will still provide protection since it reduces the pressure of the attack through repellency and hence termites do not challenge the barrier. However, termites will challenge and may penetrate a thin or weak non-repellent treated zone.



**Biflex TC treated**



**Un-treated**

The wooden block on Biflex TC (0.05%) treated soil remained totally protected from termite attacks while the block on untreated soil was severely damaged at the same site. This long-term Modified Ground Board test was independently conducted by CBRI, Roorkee at multiple locations in India.

# Longest Protection Period

The expected period of protection provided by a soil applied termiticide should be one of the key factors when deciding on a suitable product. Biflex lasts longer in several worldwide field tests.

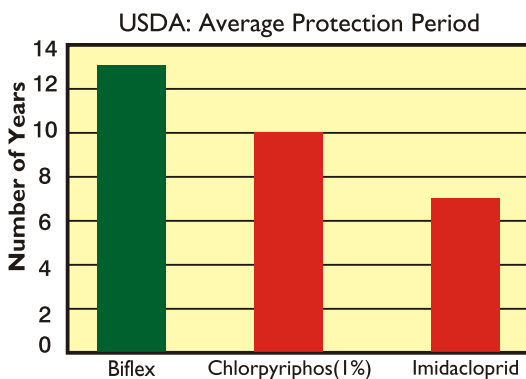
## USA

In the United States Department of Agriculture (USDA) Gulfport test sites of Arizona, Florida, Mississippi, and South Carolina, Biflex termiticide has the longest residual protection period in the industry:

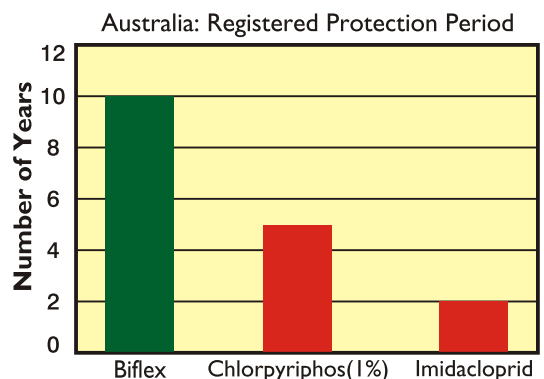
- Average of more than 13 years of 100% control at all USDA sites

## Australia

Australia is one of the few countries that require the manufacturers to mention the protection period provided by their chemicals on the label. Biflex has the longest registered protection period\* when compared with any competitive product.



The above are average protection period at four locations viz AZ, FL, MS, SC at the normally used registered rate; derived from USDA reported data.



\* In main usage area in exposed situation at the normally used registered rate

The USDA tests determine the years-of-effectiveness of currently marketed and potentially new termiticides treatments to soil under long - term field conditions. Results are provided to the EPA as part of the registration process. The USDA trials set the standards by which all termiticides are evaluated. These studies are well known in the pest management industry and well respected.

Biflex TC has greater soil stability than competing molecules because in simple terms, it is less affected by various soil factors such as soil pH, UV light and soil moisture. All these contribute to the long lasting protection provided by BiflexTC.



# Lower Environmental Impact

Biflex TC protection is the perfect choice for keeping termites out of your home from the environmental standpoint also. It has the lowest dosage rate, which means that a Biflex TC treatment around your home requires less active ingredient than any other competing product.

Biflex TC is insoluble in water and binds strongly to surfaces. It will not be leached away by rain, sprinkling, hosing or irrigation. Also, Biflex TC is non-systemic, which means that garden plants and other vegetation do not translocate the barrier away from the treated area where it is most needed. To protect a structure from termites, the termiticide used must remain in the treated zone of the soil. Biflex TC stays where you put it causing less disruption to non-target organisms. This is unlike many other products which do not remain in the treated zone. Furthermore, the active ingredient of Biflex TC has an extremely low vapour pressure so that Biflex TC treated homes are free of airborne termiticide residues. Biflex TC brings real peace of mind protection with the knowledge that it will not cause health concerns for you, your family or your pets.

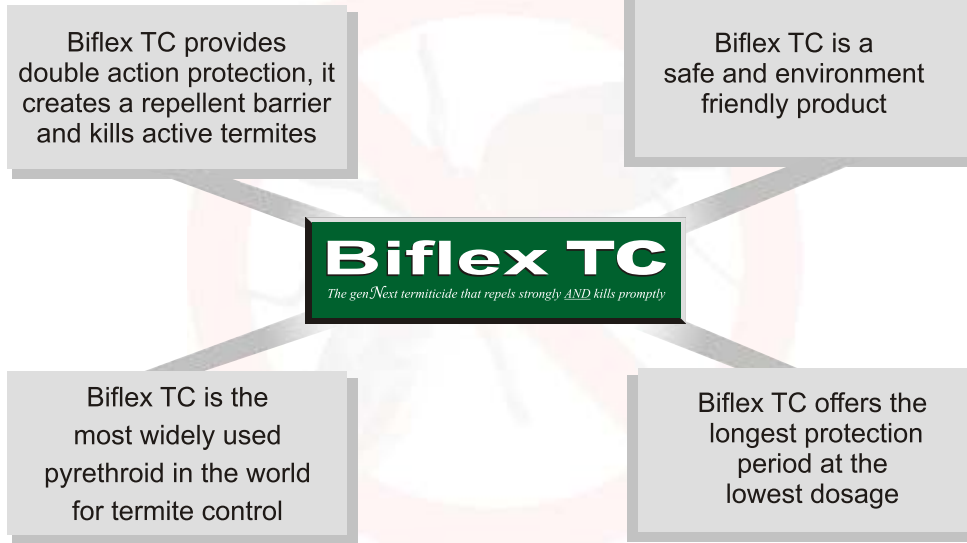
**Bifenthrin, the active ingredient of Biflex TC is approved even for indoor usage by recognised health authorities.**

<b>Toxicity Profile :</b>	The oral LD <sub>50</sub> for Biflex TC is 1657 mg/kg and the dermal LD <sub>50</sub> is >2000 mg/kg
<b>Dosage :</b>	Biflex TC shall be applied at 0.05% a.i. concentration i.e. 1 litre of Biflex TC in 49 litres of water.
<b>Warranty :</b>	Since the storage and use of the product is beyond our control, we cannot assume any responsibility other than uniform quality of the product.

People who care  
*Choose*



# Remember



## Biflex TC Features

## User Benefits

Repels strongly and kills promptly

Double action long lasting protection

Tolerant to pH variations

Can be applied to acidic as well as alkaline soils

Very low vapour pressure

No airborne toxicity

Absence of pungent mercaptan smell

Greater acceptability to both applicators and customers

Stable to UV light

Treated surface need not be covered immediately

Non-systemic and binds strongly to soil

Treated zone remains treated

# FMC

*Your Performance Advantage*

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