

# HomeGuard® Precision Termite Management



## ***FMC an R&D based company***

The **HomeGuard** Precision Termite Management System was developed and introduced onto the Australian market by FMC Australasia Pty Ltd, a truly R&D based company with an enviable track record in termite solutions in Australia for over 10 years.

## **Why is HomeGuard Unique?**

**HomeGuard** is the first chemical barrier in a non-soil matrix product ever registered by the Australian Pesticides and Veterinary Medicines Authority (APVMA) as well as having CSIRO Building approval after extensive Field Trials by CSIRO – temperate Australia & NT

**HomeGuard** encompasses the combined strengths of the Physical and Chemical barriers to deliver a triple action Termite Management process

- ✓ **Repels termites away from the barrier**
- ✓ **Kills termites upon contact**
- ✓ **Acts as a vapour barrier and damp proofing course membrane**
- ✓ **25 Year \$1 Million Warranty starting 1<sup>st</sup> September 2010.**

## **How long does HomeGuard Last?**

We know that UV stabilized polymers have a very long life expectancy. DPC, TMB, Home Guard Blue & Collar materials are designed to last at least the life of a building.

How long will the active ingredient last in **HomeGuard**?

- Scientific evidence shows bifenthrin in a polymer encapsulated state, therefore not exposed to soil born microbes, will last well past the expected building life. In Queensland and all other main land states this is in excess of 50 years.

**HomeGuard** has many characteristics that fit within the Environmentally Sustainable Building Design (EDS) matrix

**Being non-scheduled and non-sensitizing the product is will not cause installer or builder discomfort**

No special precautions or special protective clothing is required when handling **HomeGuard**  
**HomeGuard** sheets are UV stabilised & will not cut or sensitize like some other products

**HomeGuard** is non allergenic and odourless

The white sheets make **HomeGuard** cool to work with

## **HomeGuard Classifications**

- **HomeGuard** is not classified as hazardous (NOHSC)
- **HomeGuard** is not classified as a Dangerous Good (ADG) Code
- **HomeGuard** is not classed as a scheduled poison (SUSDP No. 19)

## **Environmental**

- **HomeGuard** will cause no environmental harm when used according to the product label
- The termiticide, bifenthrin, will not leach or diffuse from the product
- **HomeGuard** is suitable for use on sensitive construction sites where there may be either environmental and/or perceived health concerns
- **HomeGuard** is not affected by soil PH, salinity or acid - is ideal in all areas

## Indoor Environment Quality

- **HomeGuard** is registered by the Australian Pesticides and Veterinary Medicines Authority (APVMA). All claims and qualities are scientifically proven
- **HomeGuard** is non-scheduled and requires no special precautions or special protective clothing when handling the product – installer and site friendly
- **HomeGuard** is installed within the external wall cavity of the structure – no external contact
- It is made of materials common to the building industry

**HomeGuard** minimises the need for internal applications with traditional toxicants

## Energy Management

- **HomeGuard** requires no additional equipment for its installation
- **HomeGuard** replaces some of the traditional building materials giving cost and material savings
- **HomeGuard** is installed by trained and accredited professionals
- The **HomeGuard** Limited and Conditional Warranty and installation maintenance requirements are well documented and fully explained to the client at handover
- The client is reminded of their routine inspection requirements together with any on-going IPM (Integrated Pest Management) recommendations – in accordance with AS3660.1
- **HomeGuard** is made locally from base materials common to the construction industry and designed to last the life of the structure

## Choosing Materials (incl. minimising toxicity)

- The active ingredient is locked into the polymer sheet and will not leach
- **HomeGuard** has very low potential to impact the environment
- **HomeGuard** does not cut installers, trade workers or occupiers
- **HomeGuard** Sheets are light weight and easy to handle
- **HomeGuard** is a single installation product with a low life-cycle cost

## Waste Minimisation

- **HomeGuard** is manufactured in a zero emission site
- All manufacturers off-cuts are recycled into the **HomeGuard** manufacturing process
- On-site installation off-cuts are recycled as **HomeGuard** wraps and patches

There is no manufacturing or installation waste with the **HomeGuard** product

## Water Use Reduction

- **HomeGuard** requires no water usage in its production
- **HomeGuard** requires no water usage during the installation process as is required with traditional liquid termiticide applications
- **HomeGuard** requires no on-going maintenance water usage as is required with traditional liquid termiticide applications

## Ecology

- The active ingredient is locked into the polymer sheet and will not leach
- It is non systemic - vegetation is not affected
- **HomeGuard** has very low potential to impact the environment
- Non-target organisms cannot be affected
- Installers and contractors are not affected in the installation process
- Home Owners or their pets are not exposed to the product
- Home Guard provides a unique opportunity for structural protection

