



HomeGuard[®] Collars

HomeGuard Product Manual Insert



Precision Termite Management

This document is and will remain the property of FMC Australasia Pty Ltd. No part of this document can be copied and/or reproduced without the written permission of FMC Australasia Pty Ltd.

© FMC Australasia Pty Ltd 2006-02-02

® FMC, HomeGuard[®] and Biflex[®] are registered trademarks of FMC Corporation, Philadelphia, USA.

™- Other trademarks

HomeGuard Collars

FMC Australasia Pty Ltd has also developed another 1st for the industry - service penetration collars that are also impregnated with bifenthrin – the active ingredient found in FMC’s leading termiticide, Biflex®. Not only do these unique collars physically stop attacking termites entering a structure via penetration pipes; they will also kill termites that contact the collar and repel them away from the penetration.

Installation instructions

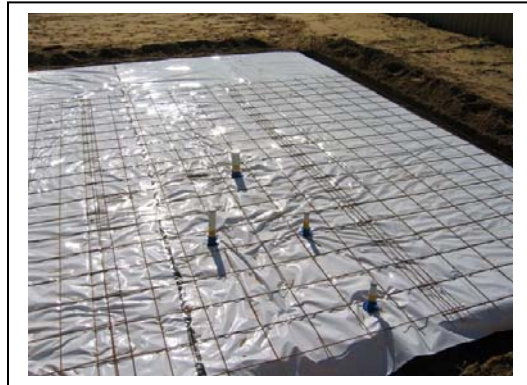
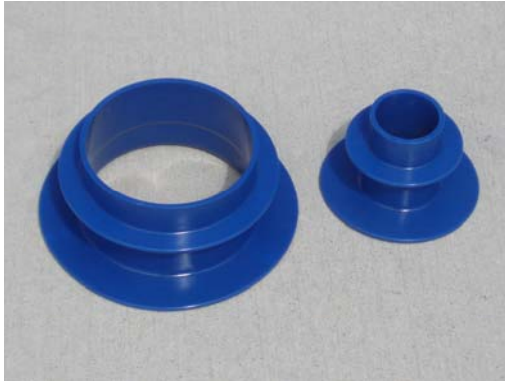
HomeGuard Collars are available in standard sizes – 40mm, 50mm, 80mm & 100mm. They are easy to install, simply slip the collar over the penetration pipe and push down until they make contact with the moisture membrane. No gluing is required as the fit is snug over the pipe. Installations are always made prior to pouring of the concrete slab. Reinforcing mesh should be cut clear of the penetration pipe to allow the collar to be positioned so it is contained entirely with the slab. HomeGuard Collar warning tape should be attached vertically to penetrations to clearly identify to builders and trades people that a HomeGuard collar has been installed as part of the structures termite management system. In some installations the collar can be turned upside down and installed with the board flange pointing up. This is particularly useful on Waffle pod constructions where the collar can be integrated with the reinforcing mesh reducing the need to cut structural components of the slab. In either case the collar should be positioned to lock into the slab as required in AS 2870- 1996

HomeGuard Collars should be used in conjunction with the installation of HomeGuard sheet or as a stand-alone installation in conjunction with a concrete slab, which conforms to AS2870-1996. When HomeGuard collars are used on their own (i.e. not in combination with HomeGuard under slab and/or perimeter cavity sheet) no warranty applies to the structure.



Do not install HomeGuard collars to penetrations that are not either 40mm, 50mm, 80mm or 100mm. If such penetration sizes occur HomeGuard TMB can be used as per the HomeGuard TMB installation manual.

Figure 1: HomeGuard collars (100mm and 40mm shown) and an installed collar prior to slab pour.



Failsafe Installation by Design

The HomeGuard Collar is innovative in its design and conforms to the AS3660.1 requirement to have ***“all interfaces between the penetrations and slab provided with a Termite Management System integrated with the slab”*** as it will always integrate with the slab thus eliminating any chance of possible installer error. They should ***not*** be glued so that they can move with the slab if any settlement occurs over the life of the building.



The inherent activity and persistence of Bifenthrin in association with a polymer matrix construction enhances the life expectancy of the active so it is designed to perform as an effective termite barrier for at least 50 years or the specified design life of the building, whichever is the lesser.

Penetrations of a different size such as, Telstra and electrical conduits and/or clusters etc. are protected using a HomeGuard sheet collar made as indicated in the HomeGuard installer manual.

Figure 2: Schematic representation of a HomeGuard collar installed correctly.

