

E: Kevin@TermStop.com.au
T: 0419 191 340
F: 02 9829 1522

Melbourne
4 Gasoline Way
Craigieburn

Sydney
2 Mayvic Road
Greenacre



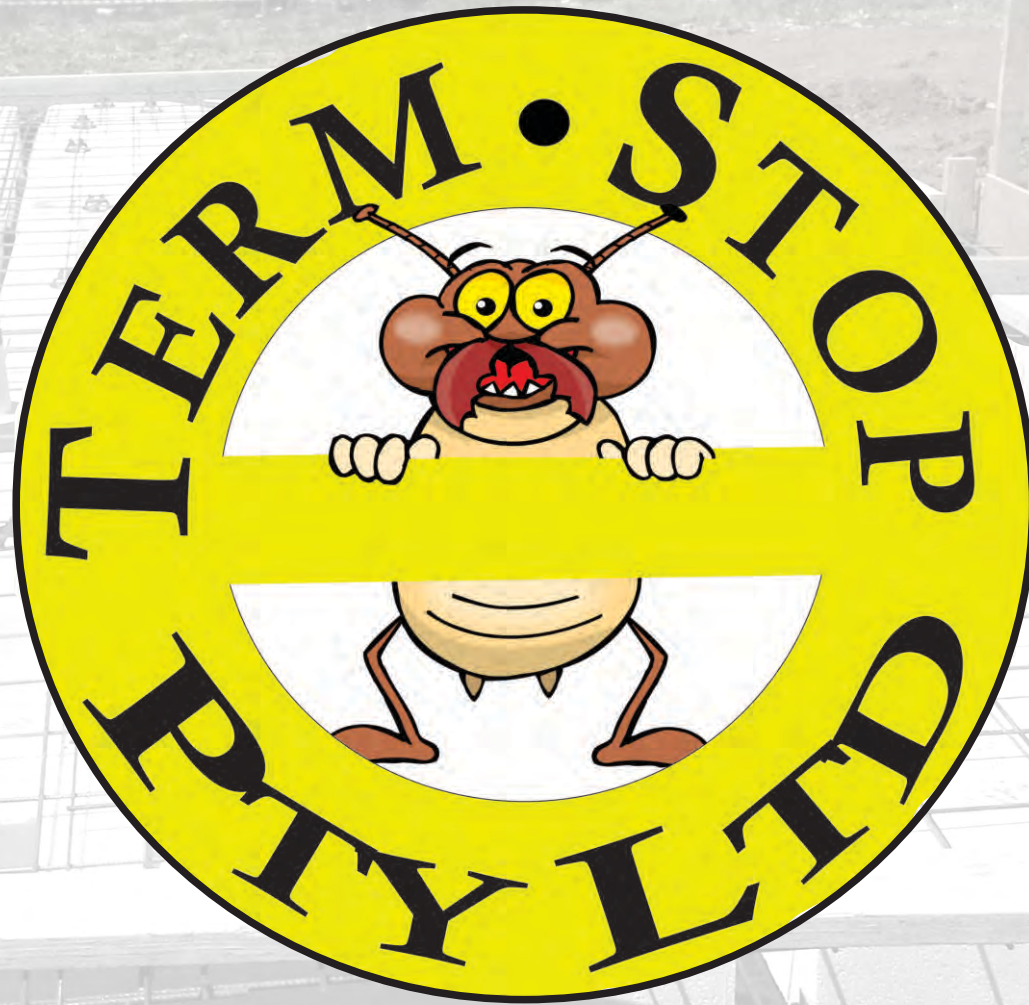
TERM.STOP RETICULATION SYSTEMS PRODUCT MANUAL

(INCORPORATING COLLARS)

NOVEMBER 2017

TERM.STOP PRODUCTS PTY LTD

ABN: 97 614 497 488



TERM.STOP COLLAR MANUAL

Description

TermStopTermite collar is an injection moulded "collar" which is designed to deter concealed termite entry to structures via the shrinkage crack formed between the concrete slab and pipe penetrations.

The collar is made of hardened UPVC - D80 hardness (instantaneous); at least 1mm thick, equivalent or higher grade than UPVC drainage pipes.

Uses

TermStop Termite collar is fitted to single pipe penetrations in concrete slabs.

TermStop termite collar should not be used for 'clusters' or pipes close to the edge of a slab where the collar cannot be fully embedded in concrete. Ref to the limitations page.



Packaging

100mm	140 collars / ctn	
80mm	70 collars / ctn	
50mm	70 collars / ctn	
40mm	48 collars / ctn	

Features **Hardened PVC - does not rely on a depleting pesticide**

*TermStopTermite collars are moulded from quality virgin PVC.
The Australian compound supplier certifies the hardness of the compound,
regular quality control tests of the finished collars confirms the hardness.
Pest controllers, home owners and commercial asset owners can be confident
that the collars are manufactured to last the life of the building without relying on
depleting pesticides.*

TermStop Collars are a deemed to satisfy product for AS 3660.1

*TermStopTermite collars are a deemed to satisfy product under AS 3660.1.2014
 "Section 3.3 Structural elements below Termite Barriers
 All structural elements below the termite barrier any penetration through a structural element or in contact with the ground shall be termite resistant.*







The following materials shall be deemed to be termite resistant.....

(f) Un-plasticised Poly (vinyl chloride) (PVC) - having a minimum thickness of 1mm and a minimum hardness shore D 80 (instantaneous)"

TermStop collars are Code-mark Approved

(Note this approval applies to the collars only)

Certificate of Conformity			
			Certificate number: CM30004 Rev1
			
Global-Mark Pty Ltd, Suite 4.07, 32 Delhi Road, North Ryde NSW 2113, Australia Tel: +61 (0)2 9886 0222 - www.Global-Mark.com.au Certificate Holder: Termstop Pty Ltd 3 Heritage Retreat Harrington Park, NSW 2567 Tel: 0419 191 340			
THIS TO CERTIFY THAT Termstop Collar			
Type and/or use of product:	Description of product:		
Termite Collar is used to block concealed termite entry to structures via the shrinkage crack formed between the concrete slab and pipe penetrations.	Termite Collar consisting of an injection moulded PVC "collar" made of UPVC D80 hardness (instantaneous); at least 1mm thick. The collar is manufactured to fit outside a PVC drainage pipe, having a nominal internal diameter of 40, 50, 80, 100mm.		
COMPLIES WITH THE FOLLOWING BCA PROVISIONS AND STATE OR TERRITORY VARIATION(S)			
		BCA (edition)	
	Volume One	Volume Two	
Performance Requirement(s)		3.1.3.3 (b)(i)	Termite management systems
Deemed-to-Satisfy Provision(s):	B1.4 (i)	Determination of structural resistance of materials and forms of construction –Termite Risk Management	3.1.3.3 (c) Termite management systems durable notice
		QLD 3.1.3.3 (b)(i)	Termite management systems
State or territory variation(s):	NT B1.4 (i) (i)	Determination of structural resistance of materials and forms of construction Termite Risk Management	QLD 3.2.3.2(d)(ii) A design life of at least 50 years
		Note: In the NT 3660.1:2000 remains applicable	
	NT B1.4 (i) (iii)	Termite management systems durable notice	QLD 3.1.3.3 (c) Termite management systems durable notice
Scope of certification: The CodeMark Scheme is a building product certification scheme. The rules of the Scheme are available at the ABCB website www.abcb.gov.au . This Certificate of Conformity is to confirm that the relevant requirements of the Building Code of Australia (BCA) as claimed against have been met. The responsibility for the product performance and its fitness for the intended use remain with the certificate holder. The certification is not transferrable to a manufacturer not listed on Appendix A of this certificate.			
Disclaimer: The Scheme Owner, Scheme Administrator and Scheme Accreditation Body do not make any representations, warranties or guarantees, and accept no legal liability whatsoever arising from or connected to, the accuracy, reliability, currency or completeness of any material contained within this certificate; and the Scheme Owner, Scheme Administrator and Scheme Accreditation Body disclaim to the extent permitted by law, all liability (including negligence) for claims of losses, expenses, damages and costs arising as a result of the use of the product(s) referred to in this certificate. The purpose of Global-Mark construction site audits is to confirm the practicability of installing the product; and to confirm the appropriateness and accuracy of installation instructions. In placing the CodeMark mark on the product/system, the certificate holder makes a declaration of compliance with the certification standard(s) and confirms that the product is identical to the product certified herein. In issuing this Certificate of Approval Global-Mark has relied on the expertise of external bodies (laboratories, and technical experts).			
Herve Michoux Global-Mark Managing Director	Peter Gardner Unrestricted Building Certifier	Date of issue: 11/04/2018 Date of expiry: 11/04/2021	 
Certificate number: CM30004 Rev1		This certificate is only valid when reproduced in its entirety. Page 1 of 3	

FEATURES CONTINUE...

Term stop Collars are easy to install.

The compact size ensures the collar will easily embed in the concrete.

Other collars with large flanges or up stand may not embed properly in the slab; they may interfere with steel work or even require structural steel to be removed to fit the collar.

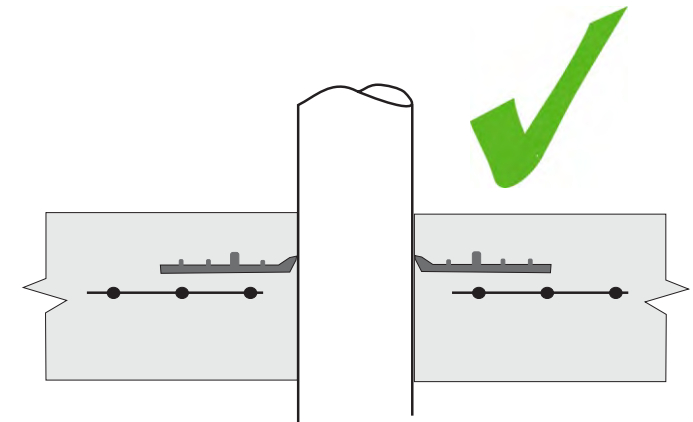
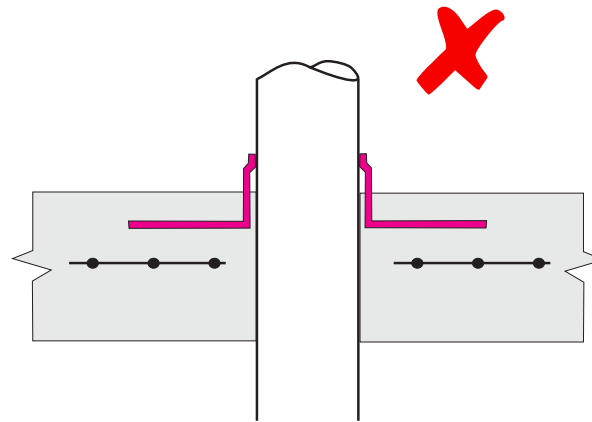
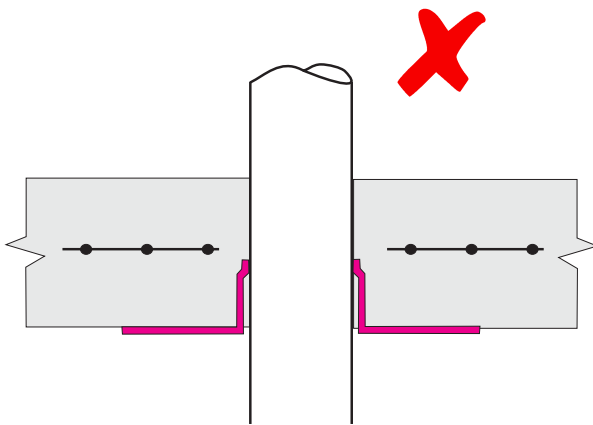
Term stop termite collars are designed as a press fit collar. No gluing. Glued on caps and pressure testing pipes, Termite resistant adhesive filler if necessary.

The collars are easily located just above or below the steel work so the collars can be installed anytime up until the concrete is poured.

Other collars need to be scheduled to fit in with the-



Termstop Termite collars key strongly into the concrete to block termite access.



Ground Works

A building site generally commences with preparing the site. This involves removing vegetation, protruding rocks debris including old timbers or tree stumps. The site is levelled and footings including pier holes are dug.



External Drainage

The plumber digs trenches and lays the pipes which will carry away sewerage and waste or 'grey water' from the house. These pipes are usually UPVC or polypropylene.



The pipes are left sticking up out of the ground, to stop debris falling down the pipes a cap or tape is placed over the open ends.

Plastic membrane; waffle pods and steel mesh ...

The concretors place the moisture barrier, waffle pods (if required) and steel mesh. The mesh is held up on 'bar chairs' above the pods. Fit the collars after the plastic membrane and steel has been installed to avoid damage to the collar.



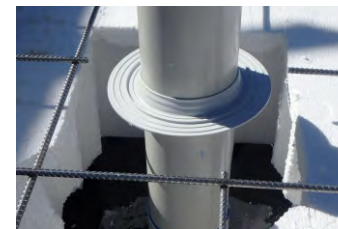
Collars are fitted at this time

Do not fit the collars before the waffle pods as they could easily be covered by the pod (not cut through and therefore not encased in concrete.



Fit the collar

-Remove the plastic cap or tape
Wipe off any mud or debris from the pipe.
Press the collar onto the pipe down to the level of the steel (at least 20mm below the top of the slab and 20mm above the bottom of the slab). Generally the steel will have 80mm of concrete cover above it.
Ensure that the flat surface marked "This side Down" is facing the ground and the ribbed side is facing up.
Ensure that the collar fits snugly and can easily bear its own weight, apply a pvc glue as required.



The slab is poured

The concretors pour the slab and the collars are cast in.



Ground Works

Like waffle pod slabs, a raft slab commences with preparing the site. This involves removing vegetation, protruding rocks debris including old timbers or tree stumps. The site is levelled and footings including pier holes are dug.



External Drainage

The plumber digs trenches and lays the pipes which will carry away sewerage and waste or 'grey water' from the house. These pipes are usually UPVC or polypropylene.

The pipes are left sticking up out of the ground, to stop debris falling down the pipes a cap or tape is placed over the open ends.



Collars may be fitted at this time

Alternatively wait until the plastic membrane and steel is fitted and install the collars in the same manner as for a waffle pod slab.



LIMITATIONS

The follow limitations apply to the installation of the collars:

1. The collar must only be used where the entire collar including the flange and thickened up stand can be fully embedded in the concrete slab. The collar should not be placed within 20mm of the top of the slab (FFL) or within 20mm of the bottom of the slab. The level or height of the collar placement within the slab is incidental provided the 20mm minimums top and bottom are complied with.
2. The collar fit must be sufficiently tight so as to at least hold its own weight.
3. The Collar must not be fitted where it is so tight as to fracture or structurally weaken the flange.
4. The collar must not be fitted over damaged pipes, a visible scrape, crack or scoring in the pipe may compromise the bond.
5. Once installed, the installer must issue a certificate of installation and regular inspections carried out in accordance with *AS 3660.1*.
6. The collar must be fitted with the flange marked "This side down" facing the ground. The upper portion of the flange has the ribs, these face up and engage with the slab.
7. Pipe clusters must be able to be separated so as to allow the collar to be fully encased in concrete with at least 20mm clearance around the collar. If this separation is not possible another product should be considered.
8. Pipe lagging must be removed to allow the collar effective contact with the pipe. The lagging may be replaced above and below the collar.
9. The installer shall record the details of the installation on a certificate of installation so as to allow traceability of the collars. The Installation certificate shall comply to *AS 3660.1*
Appendix A. These records shall be kept by the installer for a period of five (5) years. The process of recording installation data may be subject to independent review from time to time.
10. The collar is not to be installed north of the Tropic of Capricorn
11. The installer shall hold appropriate pest management training such as Pest management Certificate 3 or above. The installer may use workers to install the collars under their supervision.





RECORD KEEPING TRACEABILITY

We are required to be able to trace our products through to their end use.

This means we must be able to contact installers of our products in the event of a product recall or essential technical update.

It is Termstop policy to collect installation certificates, builder details or home owners details from you. This is a requirement and necessary for record keeping

We understand that customer lists and lists of work done is commercially valuable and sensitive information.

However, when you agree to the “Terms of Use” you are agreeing to maintain your records so that you can trace where our products are on sold to or where they have been used if the need to trace them ever arose.