



Certification of

Deemed-to-Satisfy Solution

To NCC 2022-Volume One, Volume Two and Housing Provisions & AS 3660 series



TermX Replenishment System™

Meets the Deemed-to-Satisfy Solution by the Performance Requirements to the NCC 2022 Housing Provisions as set out below:

NCC 2022 Volume One, Class 2-9 Buildings:

*Deemed-to-Satisfy Provisions

A2G3 Clause 2 (a) & (b)

A5G3 Clauses 1 (b), (d) (ii), (e) (i) & (ii), (f) (i) & (ii)

NCC 2022 Volume One, Class 2-9 Buildings:

*Performance Requirement Provisions

B1P1 2 (o) termite actions

Section B Structure, (Qld) **D1D4** (i), (i) & (ii)

NCC 2022 Volume Two, Class 1 & 10 Buildings:

*Deemed-to-Satisfy Provisions

A2G3 Clause 2 (a) & (b)

A5G3 Clauses 1 (b), (d) (ii), (e) (i) & (ii), (f) (i) & (ii)

NCC 2022 Volume Two & Housing Provisions, Class 1 & 10 Buildings:

*Performance Requirement Provisions

Volume Two - H1P1 2 (o) termite actions, **H1D3**, (in Qld) (3)

Housing Provisions - Part 3.4; Termite risk management

(NT) 3.4.1 (1,2), (in Qld) 3.4.1 (1,2,3.4.5.6). (NT) 3.4.2, (in Qld) 3.4.2, and Durable Notice 3.4.3

TermX Replenishment System meets the requirements for 'Chemical Reticulation' as per AS3660.1-2014 Section 7 'Requirements-Chemical Termite Management System' and AS 3660.3-2014 Section 5 'Test Methods for Chemical Termite Management Systems'; Clause 5.6-Reticulation to Soil Systems and is fit for purpose. When used in combination with a concrete slab forming part of a termite barrier; the slab must meet the requirements of AS 2870.1-2011 Residential Slabs and Footings and AS 3600-2018 Concrete Structures.

Refer to website: <https://deemedtosatisfy.com.au/>

The requirements for a Concrete Cover Strip where an Alternative Termite Management System as a Deemed-To-Satisfy Solution is to that described in the NCC 2022 Housing Provisions Standard, Qld Schedule 7, Part 3.4 clause 3.4.1, 6(b) a variation in Queensland, shall be replaced by a 'WARNING PLATE' permanently affixed not less than 200mm above the finished ground or concrete level to ALL the external perimeter wall/s of the building/s and in accordance with the Installation Manual procedures for TermX Replenishment System, 2023.

Limitations/Conditions are as below:

1. Must be installed by a current and valid accredited TermX Replenishment System Installer.
2. Must be installed in accordance with the current version of the TermX Replenishment System Installation Manual - REV 03-07-2023 (in booklet form) and the TermX USB Version 1, 2023. TermX Replenishment System Installation Manual is available from www.garrards.com.au
3. Must be installed in accordance with AS3660.1-2014 Termite Management, Part 1: New Building Work, Section 7 'Requirements - Chemical Termite Management System, Clause 7.5 'Installation'.
4. Footings and Slabs must be constructed in accordance with the relevant standards of AS 2870-2011 to Class 1 and 10 buildings or AS 3600-2018 Concrete Structures, complete with amendments to Class 1-9 buildings.
5. TermX Replenishment System does comply with the NCC 2022 Volume One Northern Territory Variation NT B1.4(i)
6. TermX Replenishment System has been appraised for use north of the Tropic of Capricorn.
7. In accordance with NCC 2022 Volume One Section B B1D4 (i) & NCC 2022 Volume Two H1P1, 2 & H1D3 (in Qld) (3) and Housing Provisions Part 3.4; Termite risk management; a Durable Notice must be installed in accordance with NCC 2022 Housing Provisions, Part 3.4 clause 3.4.3.
8. This certificate is given based on the information referenced therein, as well as the relevant standards, specifications, rules, codes of practice, and other publications which have been relied upon to demonstrate the fulfilment of specific requirements of the NCC 2022. The documentary evidence by reports and testing results of suitability of the TermX Replenishment System as an appropriate termite management system being fit for purpose are proprietary to Garrards Pty Ltd.

The Deemed to Satisfy Solution as per Assessment Methods to NCC 2022 through the 'Evidence of Suitability - Volumes One and Two and Expert Judgement' relies upon, but is not limited to the below publications:

1. NCC 2022, Volumes One, Class 2 to 9 buildings & NCC 2022, Volume Two, Class 1 and Class 10 buildings and NCC 2022 Housing Provision.
2. AS3660.1-2014 Termite Management, Part 1: New Building Work, Section 7 'Requirements-Chemical Termite Management System'.
3. AS3660.3-2014 Termite Management, Part 3: Assessment Criteria for Termite Management Systems, Section 5 'Test Methods for Chemical Termite Management Systems' Clause 5.6 - Reticulation to Soil Systems.
4. TermX Replenishment System; Product Specification - dated 9th January 2015.
5. Garrards: TermX Training/Installation Manual, dated 13th August 2019 and Garrards: PVC Durability Statement. (date unreferenced)
6. BASF Australia: Efficacy Evaluation, S Kleinschmidt - BASF Australia, Review of chemical spread efficacy, dated 22nd September 2006. (unchanged)
7. Bayer Environmental Science: TermX Premise Liquid Trail Final - BES209, Field Trail Test Report, dated 1st October 2009.
8. Onwood Entomology: TermX upgrade letter, NCC 2019 Amendment 1; Review Letter for TermX System, dated 20th July 2019.
9. Garrards: Durable Notice Sample- Durable Label -Termite Management, dated 13th August 2019.
10. Garrards: APVMA Verification List of Chemicals - TermX, dated August 2019.
11. Product Technical Statement: Revalidation of Warning Plate for concrete cover strip by Expert Judgement, (Mr C.E Langley) dated 9th June 2023.
12. TermX Replenishment System Certification of Deemed-To-Satisfy Solution, D-T-S Cert. no. TermX-DTS 003.