



Certificate of Conformity

Certificate number: CM40200-I01-R01

Certification Body:


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JAS-ANZ Accreditation
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Certificate Holder:



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THIS TO CERTIFY THAT

TRU-CORE®, TRU-CORE WOOD for LIFE®

Type and/or use of product:

H3 Treated Timber product for use in domestic and commercial buildings.

Description of product:

Treated timber products including sawn timber for residential and small commercial buildings.

Brand names:

- TRU-CORE® H3 Water Based Azoles with Permethrin

COMPLIES WITH THE FOLLOWING BCA PROVISIONS AND STATE OR TERRITORY VARIATION(S) BCA 2016 Amdt. 1

	Volume One	Volume Two
Performance Requirement(s)	BP1.1(a)&(b)(xv) Structural reliability as applicable to treated timber products BP1.2 Structural resistance as applicable to treated timber products	P2.1.1(a)&(b)(xv) &(c) Structural stability and resistance to actions as applicable to treated timber products
Deemed-to-Satisfy Provision(s):	Not Applicable to this Product	3.4.3 Timber framing as applicable to timber framing performance requirement
State or territory variation(s):	Not Applicable to this Product	3.4.3 QLD

SUBJECT TO THE FOLLOWING LIMITATIONS AND CONDITIONS AND THE PRODUCT TECHNICAL DATA IN APPENDIX A AND EVALUATION STATEMENTS IN APPENDIX B

Limitations and conditions:

- All TRU-CORE® treated timber products shall be legibly and sufficiently permanently marked in accordance with Clause 8.2, 8.3 and 8.4 of AS 1604.1:2012 – Specification for preservative treatment, marking requirements and the CodeMark Scheme Rules requirement.
- The brand shall contain the treatment plant number, preservative code number and hazard class, as well as the CodeMark logo and Certification number.
- Timber products must only be treated in accordance with TRU-CORE® Ultimate Programme Map Template 20150211.

Building classification/s:

Class 1,2,3,4,5,6,9a,9b & 10


John Thorpe - CMI


Don Grehan – Unrestricted Building Certifier

Date of issue: 25/04/2018

Date of expiry: 19/01/2020





Certificate of Conformity

4. This Certificate is issued based on the evidence of compliance as detailed herein. Any deviation from the specifications contained in this Certificate is outside of this document's scope and the installation of the certified product/system will not be covered by this CodeMark certification. This may result in the product being classified as a non-conforming building product/system.

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.

APPENDIX A – PRODUCT TECHNICAL DATA

A1 Type and intended use of product

As per page one.

A2 Description of product

As per page one.

A3 Product specification

TRU-CORE® timber is Chemical Preservative Modified structural and non-structural sawn timber used in domestic and small commercial buildings.

The TRU-CORE® timber has undergone a chemical modification process whereby a unique chemical infusion process that uses non-volatile polar bonding carriers (TANO® compounds) to penetrate the cellular structure of wood and to deposit and bind wood protection chemicals deep within the substrate.

The TRU-CORE® process utilises water as the preservative carrier. Unlike the majority of LOSP treating methods, which use oil-based solvents, this treatment minimises the odour and eliminates all VOC's from the finished product.

A4 Manufacturer and manufacturing plant(s)

1. Hyne Timber Jingellic Road, Tumbarumba NSW 2653, Australia
2. Hyne Timber Tuan Forest Road, Maryborough QLD 4650, Australia

A5 Installation requirements

- TRU-CORE® treated timber products must be installed in accordance with AS 1684 Series – Residential Timber Framed Construction.
- TRU-CORE® treated timber products must only be used in accordance with the appropriate hazard class and stress grading as defined in AS 1684 Series - Residential Timber Framed Construction, inclusive Amdt 1-2002, AS 1684.2-2010, inclusive Amdt 1-2012 and Amdt 2-2013, AS 1684.3-2012, inclusive Amdt 1-2012 and AS1684.4-2010, inclusive Amdt 1-2012.
- The moisture content and dimensional tolerance requirements of AS/NZS 1748.1:2011 may be exceeded immediately following preservative treatment and can be expected to return to equilibrium within a few weeks of dry weather exposure. Due allowance shall be made for an elevated initial moisture content and some minor swelling.

A6 Other relevant technical data

Not applicable to this Certificate.

APPENDIX B – EVALUATION STATEMENTS

B1 Evaluation methods

1. The TRU-CORE®, TRU-CORE® WOOD FOR LIFE® has been evaluated as compliant to Performance Requirement of the NCC BCA Volumes One and Two 2016.
2. The TRU-CORE®, TRU-CORE® WOOD FOR LIFE® as described herein has been evaluated by CMI for compliance using the methodologies described in BCA Volume One Part 0.1 and Volume Two Part 1.0.
3. The TRU-CORE®, TRU-CORE® WOOD FOR LIFE® has been evaluated against Part A0.2 (a) of Part A0 of the NCC BCA volume One 2016 and Part 1.0.3 (a)(i) of NCC BCA Volume Two 2016 and meets the Performance Requirements.
4. The evaluation process employed by CMI to arrive at this decision include:
 - Evaluation of technical reports as detailed below in B2.
 - Audit of the manufacture process.
 - Expert judgement of appropriately qualified Timber Scientists.
 - Evaluation of the audit process and confirmation of the findings including the compliance clauses detailed herein by the Unrestricted Building Certifier whose name and signature appears on page one of this Certificate.

B2 Reports

- a. Hills Laboratories; Timber Testing Report Job Reference 6163; Testing to Applicable Standard AS 1604.1:2012; Dated 15/10/2013.
- b. Labtec Analytical Report No: 6885A; Reference: LN10068 – LN10107 (NB40-164, 165 & NB41-140); Copper test method AS/NZS 1605.3:2006; Dated 24 October 2013.
- c. AgriSolutions Australia; Certificate of Analysis ASA-13-187 Permethrin in Timber; Dated 16/08/2013.
- d. Ronald W. Clawson Jr., Ph.D.; Timbertreat® A Azole Insecticide/Fungicide Preservative Hardwood Report; Dated 23 May 2014.
- e. Ronald W. Clawson Jr., Ph.D.; Timbertreat® A Azole Insecticide/Fungicide Preservative Softwood Treatment Report; Dated 20 May 2014.

The Certificate Holder has chosen not to make the above evidence of compliance publicly available, due to the documents being considered commercial in confidence.