



PRODUCT CERTIFICATE

XLam CLT T3 Plus



BUREAU
VERITAS

CERTIFICATE NO: CM70119
Date of issue: 20 December 2021

KEY INFORMATION

1 CERTIFICATE HOLDER DETAILS

Hyne & Son Pty Ltd
XLam New Zealand Ltd
PO Box 78005
Grey Lynn, Auckland 1245
New Zealand

Email: info@xlam.co.nz
Ph: 1300 784 963
www.xlam.co.nz



2 PRODUCT CERTIFICATION BODY

Bureau Veritas Australia Pty Ltd
3/435 Williamstown Road
Port Melbourne VIC 3207
Australia

Ph: 1800 855 190
www.bureauveritas.com.au

Bureau Veritas Australia Pty Ltd

The complaints process for this certificate
can be found here:
www.bureauveritas.com.au/your-feedback

3 SUMMARY OF DESCRIPTION OF BUILDING METHOD OR PRODUCT

XLam CLT T3 Plus panels are structural timber panels made by face-gluing layers of Hyne T3 Plus finger-jointed Radiata Pine boards ranging from 20mm to 45mm thick with a moisture curing polyurethane adhesive in alternating 90 degree angles. Panels 85mm - 315mm thick, 6m - 16m long and 2.4m - 3.4m wide can be manufactured. Each XLam CLT Hyne T3 Plus panel is labelled with panel dimensions, grade and treatment and the CodeMark Mark of Conformity.

*Continuation of description can be found in item 9. Supporting Information about Description of Building Product or Method.
Matters that should be taken into account in the use or application of the building method or product can be found in item 6. Conditions and Limitations of Use.*

4 SUMMARY OF INTENDED USE OF BUILDING METHOD OR PRODUCT

XLam CLT T3 Plus panels are used as individual structural components for floors, internal and external walls and roofs, or as a complete structural system encompassing all of elements.

Continuation of intended use can be found in item 10. Supporting Information about Intended use of Building Product or Method.

5 BUILDING CODE PROVISIONS

The performance clauses of the New Zealand Building Code that are relevant to the intended use and with which the building method or product complies or contributes to (where used as part of a system).

B1 Structure: B1.3.1, B1.3.2, B1.3.3(a, b, c, f, g, h, q), B1.3.4
B2 Durability: B2.3.1(a), B2.3.2
F2 Hazardous building materials: F2.3.1

How the building method or product complies or contributes can be found in item 12. Basis for Certification. Any qualifications on the extent of that compliance can be found in item 6. Conditions and limitations of use.



This certificate is issued by an independent certification body accredited by JAS-ANZ, the product certification accreditation body appointed by the Chief Executive of the Ministry of Business, Innovation and Employment under the Building Act 2004. The Ministry does not in any way warrant, guarantee, or represent that the building method or product that is the subject of this certificate conforms with the New Zealand Building Code, nor accept any liability arising out of the use of the building method or product. The Ministry disclaims 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 building method(s) or product(s) referred to in this certificate.

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CERTIFICATE V1.3



PRODUCT CERTIFICATE

XLam CLT T3 Plus



6 CONDITIONS AND LIMITATIONS OF USE

1. XLam CLT T3 Plus panels are certified for use as structural components:
 - a) in buildings specifically designed in accordance with B1/VM1, and
 - b) where the hazard class of the exposure and service conditions where the panel is located is H3.2 or less (as defined in NZS3640 Table 3.1)
2. XLam CLT T3 Plus panels shall be designed and installed in accordance with the XLam Design Guide Australia & New Zealand Edition June V2 2020.

NOTE: Together, items 3, 4, 5 and 6 define scope of use.

7 HEALTH AND SAFETY INFORMATION

The compliance with any manufacturer's installation instructions, maintenance, OH & S statements, MSDS's and other Health and Safety declarations will provide the necessary Health and Safety Information pertaining to the product.

8 SIGNATURES

Sam Guindi
Product Certification Manager

For and on behalf of
Bureau Veritas Australia Pty Ltd

Tony Dakin
National Quality Manager

For and on behalf of
Hyne & Son Pty Ltd



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SCHEDULE: INFORMATION THAT SUPPORTS KEY INFORMATION

9	SUPPORTING INFORMATION ABOUT DESCRIPTION
N/A	
10	SUPPORTING INFORMATION ABOUT INTENDED USE
N/A	
11	SUPPORTING INFORMATION ABOUT CONDITIONS AND LIMITATIONS OF USE
N/A	



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12 BASIS FOR CERTIFICATION

- B1 Structure - By testing and comparison with Verification Method B1/VM1 using AS/NZS 1748.1:2011
- B2 Durability - By testing and comparison with Acceptable Solution B2/AS1 and referenced Standard NZS3640:2003
- F2 Hazardous building materials - By comparison with the performance requirements of clause F2.3.1

13 SUPPORTING DOCUMENTATION FOR CERTIFICATION

1. Acceptable Solutions and Verification Methods for New Zealand Building Code Clause B1 Structure First edition (Amendment 19), 28 November 2019
2. Acceptable Solutions and Verification Methods for New Zealand Building Code Clause B2 Durability Second edition (Amendment 12), 28 November 2019
3. NZS3640:2003 Chemical Preservation of Round and Sawn Timber
4. AS/NZS 1748.1:2011 Timber - Solid - Stress-graded for structural purposes - General requirements
5. Gavin Robertson Report Test Results and Analysis for XLAM XL3/105 Floor Panel, 4 September 2012
6. Scion Test Report XLAM Test Results 14 June 2012
7. Department of Infrastructure Engineering, The University of Melbourne, Testing Summary XLAM CLT panels, Philip Christopher and Sathees Navaratnam, 16 January 2019
8. Department of Infrastructure Engineering, The University of Melbourne, XLAM Radiata Pine HBX Adhesive CLT panels out of plane flexure Final Report Version 1.1, 18 November 2020
9. WATERBORNE AZOLE – PERMETHRIN: Service Life and Long-Term Estimates, Mike Freeman, July 23, 2019
10. Timber treatment to NZS3640 Hazard Class H3.2 with Waterborne Azole using the KOP-COAT TRU-CORE System, Mike Brown, 23/02/2017
11. Safety Data Sheet Xlam CLT Panel Treated, Revision 16.12, 2020
12. XLam Design Guide Australia & New Zealand Edition June V2 2020

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14 CONDITIONS RELATING TO NOTIFICATION

- (a) the certificate holder notifies the product certification body (Bureau Veritas) in writing of any intended change to any of the following particulars:
- (i) the name, address, or contact details of the certificate holder;
 - (ii) any address of a location where a certified product is produced or manufactured;
- (b) the certificate holder notifies the product certification body (Bureau Veritas) in writing of any intended change, modification, or alteration to any of the following:
- (i) the certified building method or product;
 - (ii) the method of its production or manufacture;
 - (iii) the product quality plan prepared in respect of the certified building method or product;
 - (iv) the application or installation instructions for the certified building method or product;
 - (v) any documentation relating to the use and maintenance of the certified building method or product;
- (c) if the certificate holder has any reason to suspect that the certified building method or product does not comply with the Building Code, the certificate holder notifies the product certification body (Bureau Veritas) in writing of the reason for that suspicion:
- (d) if the certificate holder or the product certification body (Bureau Veritas) finds that a certified building method or product that has been released on the market does not comply with the Building Code, the certificate holder discloses that fact in disclosure statements published in a form that is acceptable to the product certification body and to the chief executive:
- (e) if the certificate is suspended or revoked, the certificate holder—
- (i) notifies all customers to whom the building method or product is regularly supplied; and
 - (ii) immediately ceases using the certificate, the mark of conformity, and any reference to the number of the certificate.