Certificate of Conformity

Certification Body:

CMI CERTIFICATION
ABN: 81 663 250 815
JAS-ANZ Accreditation
No. Z4450210AK
PO Box 273,
Palmwoods Qld 4555
Australia
P: +61 7 5445 2199
www.cmicert.com.au
office@cmicert.com.au

Certificate Holder:

Bestari Cladding Pty Ltd
ABN: 66 678 209 482
99-103 Rickett Road
Mount Waverley VIC 3149
Ph: 0450587866
www.bestari.com.au

Certificate number: CM40417

THIS IS TO CERTIFY THAT

DX Inter-Tenancy Wall System

Type and/or use of product:

Intertenancy Wall System (for Low Rise Multi-Residential Buildings).

Description of product:

DX Inter-Tenancy Wall System comprises a steel reinforced 50mm and 75mm Autoclaved Aerated Concrete (AAC) panel and proprietary components vertically installed across horizontal top hats with top hats fixed to steel or timber stud framing for use in both continuous and discontinuous wall structures.

COMPLIES WITH THE FOLLOWING BCA PROVISIONS AND STATE OR TERRITORY VARIATION(S) **BCA 2022 (Amdt. 1)**

	Volume One		Volume Two	
Performance Requirement(s):	B1P1(1), (2)(a), (b), (c) & (d)	Structural reliability – Subject to *limitation and condition 1 & 2.*	H1P1(1), (2)(a), (b), (c) & (d)	Structural reliability and resistance – Subject to *limitation and condition 1 & 2.*
	F7P2 & F7P4	Sound transmission through walls and walls in a residential care building – Will contribute to the required airborne sound requirements, when used in conjunction with other building elements including sound insulation materials. Subject to *limitation and condition 5 and* refer to A3 for the acoustic performance of the DX panels.	H4P6	Sound insulation – Will contribute to the required airborne sound requirements, when used in conjunction with other building elements including sound insulation materials. Subject to *limitation and condition 5 and* refer to A3 for the acoustic performance of the DX panels.
Deemed-to-Satisfy Provision(s):	C2D2(2)	Fire resistance and stability – (FRL -/120/120) Subject to *limitation and condition 2 & 3.*	H3D4	Fire protection of separating walls – (FRL -/120/120) Subject to *limitation and condition 2 & 3.*
State or territory variation(s):	Part F7 (NT)		H4P6 (NT)	

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

Limitations and conditions:

1. The installation of the DX Inter-Tenancy Wall System must not deviate from the contents of the 50mm and 75mm DX Inter-Tenancy Wall System Design and Installation Guide, 2nd Edition, June 2025.
2. The structural support members are designed and engineered separately as per project requirements and to the required Fire Resistance Level (FRL) of the wall by building designers and engineers. The structural certification is limited to the cladding only and does not include the sub-structure. The DX Inter-

Building classification/s:

Class 1,2,3,4,5,6,7,8,9 & 10

Glen Gugliotti – CMI

Don Grehan – Unrestricted Building Certifier

Date of issue: 20/08/2025

Date of expiry: 20/08/2028

Tenancy Wall System must be fixed to a structurally adequate wall frame in accordance with the fixing requirements defined in 50mm and 75mm DX Inter-Tenancy Wall System Design and Installation Guide, 2nd Edition, June 2025. The DX Inter-Tenancy Wall System must incorporate either a timber frame constructed in accordance with AS 1684 series; or a cold-formed steel frame constructed in accordance with NASH Standard for Residential and Low-rise Steel Framing, Part 1:Design Criteria, or AS 3623-1993 (R2018) Domestic Metal Framing; or Framework compliant with other standards as applicable.

3. To comply with the FRL, the DX Inter-Tenancy Wall System being constructed in strict accordance with the 50mm and 75mm DX Inter-Tenancy Wall System Design and Installation Guide, 2nd Edition, June 2025. Any deviation from this does not form part of this Certificate of Conformity.
4. This system is suitable for use for the horizontal fire separation between fire compartments in sole-occupancy units only and must not be used for the support of fire rated floors, ceilings or roofs. (AAC separating walls).
5. A site specific performance solution is required for sound insulation as the acoustic performance of the 50mm and 75mm DX Panels will need to be used in conjunction with other sound insulation materials. Refer to A3 for the acoustic performance of the 50mm and 75mm DX panels.
6. Project specific load bearing capacities for internal load bearing walls must be configured by the project engineer.
7. For the purpose of this certificate, discontinuous construction is defined in the BCA as a wall system having a minimum 20 mm cavity between two separate leaves, with—
   a. for masonry, where wall ties are required to connect leaves, the ties are of the resilient type; and
   b. for other than masonry, there is no mechanical linkage between leaves except at the periphery.

   The above systems where the panel has less than 20 mm cavity between 2 separate leaves and mechanical linkage other than at the periphery are not suitable for discontinuous construction.
8. Other than the items and information listed, the remainder of the information contained in the product's literature is outside the scope of this certification.
9. The use of the certified product/system is subject to these Limitations and Conditions and must be read in conjunction with the Scope of Certification below.

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.

Only criteria as identified within this Certificate of Conformity can be used for CodeMark certification claims. Where other claims are made in a client's Installation Manual, Website or other documents that are outside the criteria on this Certificate of Conformity, such criteria cannot be used or claimed to meet the requirements of this CodeMark certification.

The NCC defines a Performance Solution as one that complies with the Performance Requirements by means other than a Deemed-to-Satisfy Solution. A Building Solution that relies on a CodeMark Certificate of Conformity that certifies a product against the Performance Requirements cannot be considered as Deemed-to-Satisfy Solution.

This Certificate of Conformity may only relate to a part of a Performance Solution. In these circumstances other evidence of suitability is needed to demonstrate that the relevant Performance Requirements have been met. The relevant provisions of the Governing Requirements in Part A of the NCC will also need to be satisfied.

This Certificate of Conformity is issued based on the evidence of compliance as detailed herein. Any deviation from the specifications contained in this Certificate of Conformity is outside of this document's scope and the installation of the certified product will not be covered by this Certificate of Conformity.

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.

When using the CodeMark logo in relation to or on the product/system, the Certificate Holder makes a declaration of compliance with the Scope of Certification and confirms that the product is identical to the product certified herein. In issuing this Certificate of Conformity, CMI Certification Pty Ltd (CMI) has relied on the experience and expertise of external bodies (laboratories and technical experts).

Nothing in this document should be construed as a warranty or guarantee by CMI, and the only applicable warranties will be those provided by the Certificate Holder.

APPENDIX A – PRODUCT TECHNICAL DATA

A1 Type and intended use of product

As per page 1.

A2 Description of product

DX Inter-Tenancy Wall System consists of 50mm or 75mm thick AAC panels orientated vertically, fixed at the top and bottom of the panel to either steel or timber wall framing.

Panel:	**50mm DX Panel**
Thickness:	50mm
Width:	600mm
Lengths:	2400, 2700, 2850, 3000 and 3300mm
Reinforcement:	Single layer steel mesh, centrally located
Steel bars:	4 x Ø 5.0mm longitudinal bars and 7 x Ø 4.55mm transverse bars.

Panel:	**75mm DX Panel**
Thickness:	75mm
Width:	600mm
Lengths:	2400, 2700, 2850, 3000 and 3300mm
Reinforcement:	Single layer steel mesh, centrally located
Steel bars:	6 x Ø 5.0 mm longitudinal bars and 7 x Ø 4.55mm transverse bars.

System Components

Adhesive	Bestari Cladding DX Panel Adhesive Applied as a structural thin adhesive layer for adhering panels at joints in the construction of walls.
Anti-corrosion paint	Generic To be specific for AAC Panels. To be approved by Bestari Cladding. For coating and protection of exposed steel reinforcement mesh from moisture ingress and corrosion after cutting of the panel
Sealant	HB Fuller HBFS600 FireSound Fire Rated Joint Sealant 600ml Sausage (Grey or other) FireSound sealant is used to seal joints and penetrations where fire resistance is required, or where an acoustic rated sealant is required.
Acrylic Coating (Various Colours)	Generic Must be able to bridge a 1mm crack width. In conjunction with Project Specifications. To be approved and guaranteed by the coating manufacturer and approved by Bestari Cladding engineer. Applied to the external face of the DX Panel for weather resistance.
Mortar Bed	Boral® Blue Circle® Brickies Mortar Mix 20kg Or Australian Builders™ Mortar Mix 20kg The thin-bed mortar is used during the placement of panels where levelling and bonding is required to
Wall Brackets	Generic To meet relevant Australian Standard specifications relating to structural adequacy and aluminium material. The brackets are used to fix the DX Panel to the wall frames. This facilitates the code-required cavity space.
U-Channel (or Steel Angle)	Generic With 0.8kN/m characteristic horizontal shear load To meet relevant Australian Standard specifications relating to structural adequacy and steel material. Steel Angle to be specified by Bestari Cladding or the Project's Structural Engineer. The U-channel is used to position the DX Panel within it. It provides temporary and permanent restraint at the base.
Fixings	Ramset™ WERCS™ AnkaScrew™ M8 (Galvanised) Connect the bottom U-channel (or steel angle) to base concrete structure.
	Metal Tiger Screws and Accessories Pty Ltd 12-14 x 25mm Hex Head Screw (Self Drilling) – Connect the wall brackets to steel frame (which may also require a top hat within the bottom/top track of the frame)
	Metal Tiger Screws and Accessories Pty Ltd 12-11x35mm Hex Head Screw (Type 17) – Connect the wall brackets to timber frame.
	Metal Tiger Screws and Accessories Pty Ltd 12-11x35mm Hex Head Screw (Type 17) – Connect the wall brackets to the 50mm DX Panel
	Metal Tiger Screws and Accessories Pty Ltd 14-10x 65mm Hex Head Screw (Type 17) – Connect the wall brackets to the 75mm DX Panel

A3 Product specification

Structural Performance

Compliance with Structural reliability and resistance requires the DX Inter-Tenancy Wall System to be installed in accordance with the guidelines in the 50mm and 75mm DX Inter-Tenancy Wall System Design and Installation Guide, 2nd Edition, June 2025. The DX Panel is engineered to perform in wind zones up to and including N5, C3.

The structural support members are designed and engineered separately as per project requirements and to the required Fire Resistance Level (FRL) of the wall by building designers and engineers. The structural certification is limited to the installation of the DX Inter-Tenancy Wall System and fixings only and does not include the sub-structure. The DX Inter-Tenancy Wall System must be fixed to a structurally adequate wall frame in accordance with the fixing requirements defined in 50mm and 75mm DX Inter-Tenancy Wall System Design and Installation Guide, 2nd Edition, June 2025. The DX Inter-Tenancy Wall System must incorporate either a timber frame constructed in accordance with AS 1684 series; or a cold-formed steel frame constructed in accordance with NASH Standard for Residential and Low-rise Steel Framing, Part 1:Design Criteria, or AS 3623-1993 (R2018) Domestic Metal Framing; or Framework compliant with other standards as applicable.

Fire Safety Performance

The DX Inter-Tenancy Wall System achieves a Fire Resistance Level (FRL) of **–/120/120**. The DX Inter-Tenancy Wall System must be constructed in accordance with the 50mm and 75mm DX Inter-Tenancy Wall System Design and Installation Guide, 2nd Edition, June 2025 and must be attached to either timber or steel framing compliant to the relevant framing codes and designed to the required Fire Resistance Level for that wall.

The maximum height of the wall system is 12 m. Where the total wall is to exceed 12 m in height, a control joint is to be applied with appropriate shelf angle and separation where the wall can be continued. The installation, fixing and control joint is to be reviewed and designed by an appropriately qualified structural engineer.

Source: *Ignis Labs report no. IGNE-25035-01R I03R00 dated 04/08/2025*

Acoustic

A site specific performance solution is required for sound insulation as the inter-tenancy walls systems that use the 50mm and 75mm DX panels must be used in conjunction with other building elements to achieve the airborne sound requirements.

The acoustic performance of the DX panels.

The 50mm DX Panel has an ‘Rw + Ctr’ rating equal to 30	The 75mm DX Panel has an ‘Rw + Ctr’ rating equal to 33

Source: *Intertek test reports 241211005SHF-001 dated 23/12/2025 and 250327002SHF-001 dated 22/04/2025.*

A4 Manufacturer and manufacturing plant(s)

This field is optional. Contact the Certificate Holder for details.

A5 Installation requirements

The DX Inter-Tenancy Wall System must be installed in accordance 50mm and 75mm DX Inter-Tenancy Wall System Design and Installation Guide, 2nd Edition, June 2025.

A6 Other relevant technical data

No other relevant technical data.

APPENDIX B – EVALUATION STATEMENTS

B1 Evaluation methods

1. Acoustic Provisions A5G3(1)(d). Reports from Accredited Testing Laboratories.
2. Fire Safety Provisions A5G3(1)(d)&(e). Reports from Accredited Testing Laboratories and a professional engineer.
3. Structural Resistance Provisions A5G3(1)(d)&(e). Reports from Accredited Testing Laboratories and a professional engineer.

B2 Reports

1. Salman Maktab Pty Ltd; Report Reference 3721-STR-AIRP-3; Structural Engineering Adequacy & Integrity Report; 50mm & 75mm DX Inter-tenancy Wall System - Structural Assessment; Dated 25/07/2025. Report provides evidence for compliance with B1P1(1), (2)(a), (b), (c) & (d) and H1P1(1), (2)(a), (b), (c) & (d).
2. Ignis Labs Pty Ltd; Report No. IGNE-25035-01R I03R00; DX Intertenancy Wall System – Fire Assessment Report; Dated 04/08/2025. Report provides evidence for compliance with C2D2(2) & H3D4. Report references the following testing reports:
   a. KAS Quality Service (Guangzhou) Co., Ltd; IAS Accreditation No. TL-827; Report No. J241115001-1; AS 1530.4:2014 – Fire Resistance Test for Non-Loadbearing Steel Framed Wall System; Dated 25/12/2024.
   b. KAS Quality Service (Guangzhou) Co., Ltd; IAS Accreditation No. TL-827; Report No. J241115001-2; AS 1530.4:2014 – Fire Resistance Test for Non-Loadbearing Timber Framed Wall System; Dated 25/12/2024.
3. Intertek: Report No. 250327002SHF-001; IAS Accreditation No. TL-394; Bestari DX panel 75mm thickness panel – Testing in accordance with AS 1191-2002; Dated 22/04/2025. Report provides evidence for compliance with F7P2, H4P6 & F7P4.
4. Intertek: Report No. 241211005SHF-001; IAS Accreditation No. TL-394; Bestari DX panel 50mm thickness panel – Testing in accordance with AS 1191-2002; Dated 23/12/2024. Report provides evidence for compliance with F7P2, H4P6 & F7P4.
5. Melbourne Testing Services Pty Ltd NATA Accreditation No. 1047; Testing of Autoclaved Aerated Concrete (AAC) And Reinforcement Material From Dx Panels; Dated20/01/2025. Report provides evidence for compliance with B1P1(1), (2)(a), (b), (c) & (d) and H1P1(1), (2)(a), (b), (c) & (d).
6. Sharp & Howells Pty Ltd; NATA Accreditation No. 61; Testing of AAC Panels as per AS 5146.2 Appendix L; Dated 16/06/2025. Report provides evidence for compliance with B1P1(1), (2)(a), (b), (c) & (d) and H1P1(1), (2)(a), (b), (c) & (d).

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