

Certification Body:



**BUREAU
VERITAS**

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Certificate Holder:



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Certificate number: CM70007 Rev3

THIS TO CERTIFY THAT

Unitex Australia Non-Cavity Base Board System

Type and/or use of product:

Unitex Australia Base Board Non-Cavity System is an expanded polystyrene external wall cladding system.

Description of product:

Unitex Australia Base Board System is an expanded polystyrene (EPS) external wall cladding system. Available in three thicknesses, with M Grade EPS 50mm core, SL or M Grade EPS 75mm core, or SL or M Grade EPS 100mm core.

COMPLIES WITH THE FOLLOWING BCA PROVISIONS AND STATE OR TERRITORY VARIATION(S)

BCA 2019

	Volume One	Volume Two	
Performance Requirement(s)	N/A	P2.1.1(a), (b)(i) limited to self weight, (ii) & (iii) limited to non-cyclonic wind regions	Structural stability and resistance to actions
		P2.2.2	Weatherproofing
		P2.7.5	Building in Bushfire prone areas
Deemed-to-Satisfy Provision(s):	N/A	N/A	
State or territory variation(s):	N/A	N/A	



Sam Guindi – Product Certification Manager
Bureau Veritas Australia Pty Ltd



Quintin Kleyn - Unrestricted Building Certifier
Hendry Group Pty Ptd

Date of issue: 9 March 2022

Date of expiry: 30 January 2025



Certificate of Conformity

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. Unitex Baseboard Non-Cavity System shall be installed in accordance with the Unitex Baseboard Non-Cavity Technical Manual, February 2022.
2. Unitex Baseboard Non-Cavity System 75mm and 100mm is suitable for use in bushfire prone areas up to and including BAL29 when installed in conjunction with 9mm render, or up to and including BAL 40 when installed in conjunction with 17.5mm render, as detailed in the Unitex Baseboard Non-Cavity Technical Manual, February 2022 and the Exova Warringtonfire Test Report (EWFA Report No. 51504300.3), 27 September 2018.
3. The product has not been tested to provide an FRL and shall not be used for Class 1 and Class 10a buildings located within 900mm of an allotment boundary or within 1800mm of another building on the same allotment.
4. When using V2.2.1 to determine compliance with P2.2.2, the risk score specific to the project must be calculated in accordance with the requirements of BCA Table V2.2.1.
5. The product shall only be used with breathable sarking behind the panels.
6. Unitex Baseboard Non-Cavity System shall be installed to framing quick complies with AS1684.2 and AS 1684.4 for timber framing, or AS/NZS 4600 or the NASH Standard for steel framing, as applicable, and all fastenings shall be protection against corrosion as set out in Table 3.3.5.4 of the Building Code of Australia Volume 2.
7. The product is permitted to be used in non-cyclonic areas (Wind Regions A & B) up to and including N4. Refer to Unitex Baseboard Non-Cavity Technical Manual, February 2022 for fixing requirements.
8. Unitex Baseboard Non-Cavity System is not suitable for use in construction associated with heating appliances, fireplaces, chimneys and flues.

Building classification/s:

Volume 2 - Class 1 and 10a buildings

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

Unitex Australia Non-Cavity Base Board System is an expanded polystyrene external wall cladding system designed for insulation and surface protection of external walls of buildings.

A2 Description of product

The Unitex Base Board® Non-Cavity System is consists of:

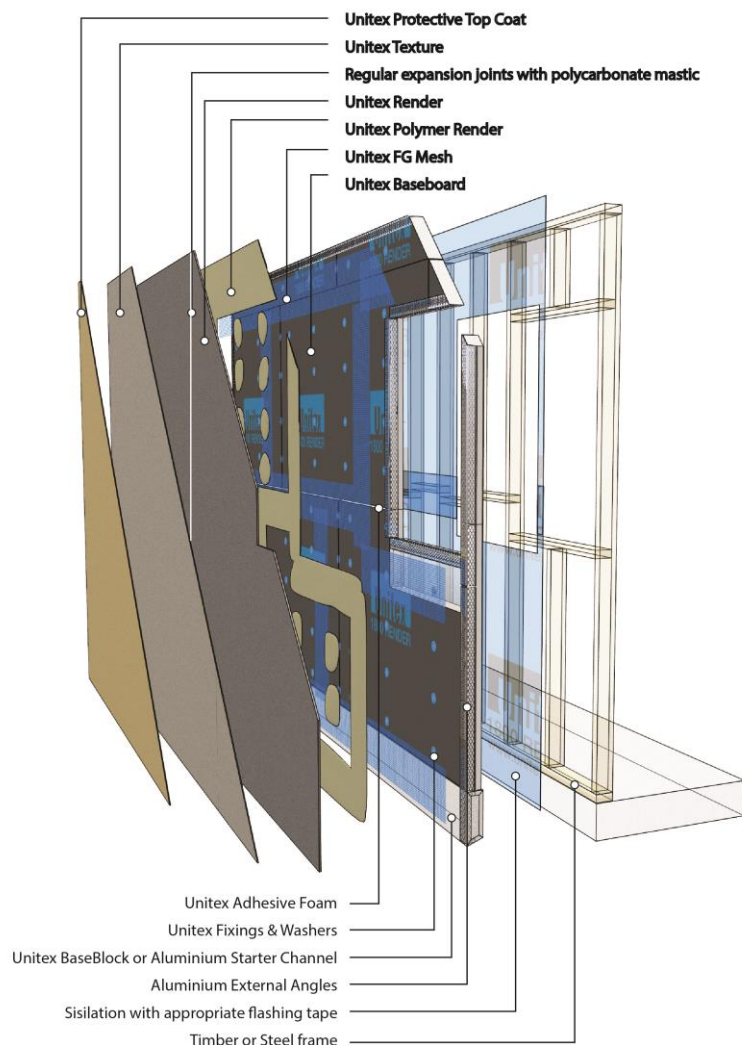
1. Unitex Breathable Vapour-Permeable Wall Wrap
2. Self-adhesive flashing tape for weatherproofing
3. Unitex IB-Board Panel or Unitex Base Board®
4. Unitex® adhesive expanding foam
5. Uni-Screw®/Washer Fixers (Mushrooms)
6. Unitex® aluminium Starter Channel and/or Levelling Base Block (BAL 29 & BAL40)
7. Aluminium Corner Angles, Aluminium pre-meshed Corner Angles and expansion beads
8. Unitex® Polymer Render
9. Uni-Mesh® IM 250 or 1 m AR Fibreglass Mesh
10. Uni Dry Cote® BBR (Base Board Render)
11. Uni-Shape® Polycarbonate Sealant
12. Unitex® Applied Texture Finish such as Uni-Trowel Décor®
13. Uni-PTC® exterior surface coating
14. Primers and Sealants
15. Uni-Shape Sill Blocks

A3 Product specification

Details of specification can be found in Unitex Base Board® Non-Cavity System Technical Manual, February 2022.

A4 Manufacturer and manufacturing plant(s)

Unitex Australia Pty Ltd, 22 Park Drive Dandenong VIC 3175





Certificate of Conformity

A5 Installation requirements

Unitex Baseboard Non-Cavity System shall be installed in accordance with the Unitex Baseboard Non-Cavity Technical Manual, February 2022.

A6 Other relevant technical data

N/A

APPENDIX B – EVALUATION STATEMENTS

B1 Evaluation methods

1. Structure: A2.2(2)(a)/A5.2(1)(d) – A report issued by an Accredited Testing Laboratory (Ian Bennie and Associates – NATA Accreditation 2371)
2. Weatherproofing: A2.2(2)(a)/A5.2(1)(d) – A report issued by an Accredited Testing Laboratory (Ian Bennie and Associates – NATA Accreditation 2371)
3. Bushfire: A2.2(2)(a)/A5.2(1)(d) - A report issued by an Accredited Testing Laboratory (Exova Warringtonfire – NATA Accreditation 3277)

B2 Reports

1. **Ian Bennie & Associates, Test Report No.2018-068-S2, Unitex Base Board System – Direct Fixed 600mm Studs with 400mm Fixings Static Ultimate Wind Load Tests to AS4040.2, 23 October 2018**
This report provides the results of testing to the requirements of AS 4040.2 for resistance to wind pressure for non-cyclone regions and confirms that the system passed the strength limit state test requirements of AS 4040.2 method 2: Resistance to wind pressure for non-cyclone regions up to the strength limit state pressure of 3.42 kPa.
2. **Ian Bennie & Associates Test Report No.2018-068-S3, Unitex Base Board System – Direct Fixed 600mm Studs with 400mm Fixings Impact Tests to AS4040.5, 23 October 2018**
This report provides the results of testing to the requirements of AS/NZS 4040.5 for resistance to impact (Sandbag) for wall boards and determined that under the test parameters the product did not indent, however showed signs of minor cracking
3. **Ian Bennie & Associates Test Report No.2018-068-S1 Unitex Base Board System – Direct Fixed Specimen Tests to NCC-2016 Verification Methods FV1 and V2.2.1, 13 September 2018**
This report is a performance-based solution via a verification method provides the results of testing to the requirements of AS/NZS 4284:2008 and confirms that the product passed all testing requirements of FV1 and V2.2.1 of NCC 2016, being the same requirement in NCC 2019.1
4. **Exova Warringtonfire, EWFA Report Number 51104300.3, The bushfire resistance performance of a Unitex framed wall system incorporating rendered EPS panels when tested in accordance with AS 1530.8.1- 2007, 27th September 2018**
This report provides the results of testing to AS1530.8.1 and returns a result that the product may be used in areas up to BAL29 when installed with 9mm render, and up to BAL 40 when installed with 17.5mm render, in accordance with the installation manual.