



Certificate of Conformity

Certification Body:



**BUREAU
VERITAS**

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Certificate Holder:

CHASE
Building Supplies

Chase Building Supplies Pty Ltd
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Certificate number: CM70034

THIS TO CERTIFY THAT

Chase EPS External Wall Cladding System

Type and/or use of product:

Cladding systems for insulation and external finishing of walls of residential buildings.

Description of product:

Chase EPS Panel External Wall Cladding System is an M Grade expanded polystyrene external wall cladding system which can be directly screwed to steel or timber wall framing or incorporating a cavity fix design. The product is designed for insulation and finishing of external walls of buildings.

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 Structure (a) limited to (b)(i) – limited to self-weight, (ii) & (iii) P2.2.2 Weatherproofing P2.2.3 Rising Damp
Deemed-to-Satisfy Provision(s):	N/A	3.10.5.0 Construction in bushfire prone areas 3.12.1.4 Building fabric
State or territory variation(s):	N/A	SA P2.2.3 Rising Damp NSW P2.2.3 Rising Damp NSW 3.10.5.0 Construction in bushfire prone areas QLD 3.10.5.0 Construction in bushfire prone areas NSW Part 3.12 Building fabric (replaced with BCA 2009 Part 3.12) QLD Part 3.12 Building fabric (must comply with 3.12.1.6) SA 3.12 Building fabric

Sam Guindi – Product Certification Manager
Bureau Veritas Australia Pty Ltd

Quintin Kleyn - Unrestricted Building Certifier
Hendry Group Pty Ltd

Date of issue: 10 June 2020

Date of expiry: 25 July 2022



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 product to be limited for use in Class 1 and 10 buildings.
2. The product is to be installed in accordance with the Chase EPS Panel External Wall Cladding System Technical Information and Installation Manual V2.3, dated May 2020.
3. This product is permitted for use in Bushfire Prone Areas up to and including BAL29 when constructed in accordance with AS 3959:2018 Construction of buildings in bushfire-prone areas.
4. The product is not to be used as a wall requiring a fire rating and cannot be used in construction within 900mm the allotment boundary or 1800mm from a detached Class 1 or 10 building on the same allotment.
5. Semi-permeable sarking must be used, achieving a Medium duty classification in accordance with AS/NZS 4200.1:2017 Pliable building membranes and underlays, Part 1: Materials, and a Flammability index not greater than 5 when tested in accordance with AS1530.2:1993 Methods for fire tests on building materials, components and structures Test for flammability of materials
6. All fastenings must be protected against corrosion as set out in Table 3.3.5.4 of the Building Code of Australia Volume 2.
7. All fixtures and architectural features attached to the wall must be secured into the wall framing complying with AS 1684:2010 for timber frame and the NASH standard for steel framing.
8. The product is limited to non-cyclonic areas (Wind Regions A & B) up to and including N3 for minimum 50mm thickness panel, and up to and including N4 for 75mm minimum thickness panel. Refer to Chase EPS Panel External Wall Cladding System Technical Information and Installation Manual V2.3, dated May 2020 for fixing requirements.
9. The product is not designed to act as nominal wall bracing. Bracing resistance must be taken up by the wall framing.
10. Resistance to rising damp is reliant on damp-proof course being installed to the requirements of AS/NZS 2904:1995 Damp-proof courses and flashings.

Building classification/s:
Class 1 & 10a

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.



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APPENDIX A – PRODUCT TECHNICAL DATA

A1 Type and intended use of product

Chase EPS Panel External Wall Cladding System is an M Grade expanded polystyrene external wall cladding system which can be directly screwed to steel or timber wall framing. The product is designed for insulation and finishing of external walls of buildings.

A2 Description of product

The Chase EPS Panel External Wall Cladding System consists of: Chase EPS panels, Chase specified screws and fixing washers, Chase foam filler, Chase fiberglass mesh, Chase render and Chase texture pail.

A3 Product specification

The Chase EPS Panel External Wall Cladding System components are detailed in the installation manual Version 2.3 dated May 2020 (available via www.chasebuildingsupplies.com.au) and consist of:

- Chase EPS Panel (50mm, 75mm or 100mm thickness)
- Breathable (water permeable) builders paper
- Chase flashing tape
- For cavity system – EPS, timber or steel battens (depth between 15-40mm)
- Chase Fixing Screws and Washers
- Chase Starter Channel in U-shape or L-Shape. (Aluminium starter channel must be used for BAL 29)
- Chase Aluminum/PVC external angles
- Chase fiberglass mesh
- Chase foam filler
- Chase texture (tintable)
- Chase EPS render

A4 Manufacturer and manufacturing plant(s)

Chase Building Supplies Pty Ltd 1360 Heatherton Road, Dandenong VIC, 3175 (for further information phone (03) 8772 2394).

A5 Installation requirements

The Chase EPS Panel External Wall Cladding shall be installed in compliance with:

- Chase EPS Panel External Wall Cladding System - Technical Information and Installation Manual, Version 2.3 dated May 2020.
This technical and installation handbook provides details of technical information and the installation requirements for the Chase EPS Panel External Wall Direct Fix and Cavity Fix Cladding System.

A6 Other relevant technical data

All relevant technical data is available on request from Chase Building Supplies Pty Ltd. For further information phone (03) 8772 2394.

APPENDIX B – EVALUATION STATEMENTS

B1 Evaluation methods

1. Structural Assessment
A2.2(2)(a)/A5.2(1)(d) – A report from an accredited testing facility (Ian Bennie and Associates – NATA Accreditation # 2371).
A2.2(2)(a)/A5.2(1)(e) – A report from a professional engineer (Acronem Consulting).
2. Weatherproofing Assessment
A2.2(2)(a)/A5.2(1)(d) – A report from an accredited testing facility (Ian Bennie and Associates – NATA Accreditation # 2371).
A2.2(2)(a)/A5.2(1)(e) – A report from a professional engineer (Acronem Consulting).
3. Rising Damp Assessment
A2.2(2)(a)/A5.2(1)(e) – A report issued by a Professional Engineer (Acronem Consulting)
4. Bushfire Construction Assessment
A2.2(2)(a)/A5.2(1)(d) – A report issued by a NATA accredited testing facility (Warringtonfire)
5. Energy Efficiency Assessment
A2.2(2)(a)/A5.2(1)(e) – A report issued by a Professional Engineer (Acronem Consulting)

B2 Reports

1. Acronem Consulting, Chase EPS External Cladding System BCA Volume 2 Appraisal – External Walls, Report # ACA 190307 (dated 12 April 2019)
This appraisal finds that the Chase EPS External Cladding system complies with NCC 2019 Volume 2 requirements for P2.1.1, P2.2.2, P2.2.3 and 3.12.1.4.
2. Ian Bennie and Associates - Chase EPS Panel External Wall Cladding System – Direct Fixed NCC 2019 Verification Methods FV1 and V2.2.1, Test Report No 2018-089-S1 (dated 4 March 2019)
This report is a performance-based solution via a verification method providing justification for the Chase EPS Panel External Wall Cladding System Direct Fix for weatherproofing purposes.
3. Ian Bennie and Associates – Chase EPS Panel External Wall Cladding System – Cavity Fixed, Verification Methods NCC 2019 FV1 & V2.2.1, Report No. 2020-042-S1 (dated May 2020)
This report is a performance-based solution via a verification method providing justification for the Chase EPS Panel External Wall Cladding System Cavity Fix for weatherproofing purposes.
4. Ian Bennie and Associates - Chase 75mm EPS Panel External Wall Cladding System – Direct Fixed 600mm Studs with 300mm Fixings Static Ultimate Wind Load Tests to AS 4040.2 for Chase Building Supplies Pty Ltd, Test Report no. 2018-089-S2, (dated 4 March 2019)
This report is a performance-based solution via a verification method providing justification for the Chase EPS Panel External Wall Cladding System for system wind strength, 75mm thick panel.
5. Ian Bennie and Associates - Chase 50mm EPS Panel External Wall Cladding System – Direct Fixed 600mm Studs with 300mm Fixings Static Ultimate Wind Load Tests to AS 4040.2 for Chase Building Supplies Pty Ltd (Test Report no. 2018-089-S5)
This report is a performance-based solution via a verification method providing justification for the Chase EPS Panel External Wall Cladding System for system wind strength, 50mm thick panel.



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6. Acronem Consulting Australia Pty Ltd – Calculation of Thermal Performance, Calculation: W190307a W & S (dated 7 March 2019)
This report provides the results of testing to AS/NZS 4859.1:2002 and specifies the thermal performance properties of the 50mm panel with breathable wall wrap.
7. Acronem Consulting Australia Pty Ltd – Calculation of Thermal Performance, W190307b W & S dated (7 March 2019)
This report provides the results of testing to AS/NZS 4859.1:2002 and specifies the thermal performance properties of the 75mm panel with breathable wall wrap.
8. Acronem Consulting Australia Pty Ltd – Calculation of Thermal Performance, W190207a W & S dated (7 March 2019)
This report provides the results of testing to AS/NZS 4859.1:2002 and specifies the thermal performance properties of the 100mm panel with breathable wall wrap.
9. Warringtonfire, Fire assessment report, External rendered wall system for bushfire BAL-29 exposure, Report No. FAS190156, Rev R1.1 (dated 18 May 2020)
This report provides the results of testing to AS 15320.8.1:2018 and specifies the performance of Chase EPS Render & 75mm Chase EPS Panel direct fix and cavity fix in a simulated bushfire.
10. Warringtonfire, Regulatory information report, External rendered wall system for bushfire BAL-29 exposure, Report no. FAS190156 Rev RIR1.1 (dated 18 May 2020)
This report provides the results of testing to AS 15320.8.1:2018 and specifies the performance of Chase EPS Render & 75mm Chase EPS Panel direct fix and cavity fix in a simulated bushfire.
11. Warringtonfire, Certificate of assessment, External rendered wall system for bushfire BAL-29 exposure, Report no. FAS190156 Rev SFC1.1 (dated 18 May 2020)
This report provides the results of testing to AS 15320.8.1:2018 and specifies the performance of Chase EPS Render & 75mm Chase EPS Panel in a simulated bushfire.
12. Ian Bennie and Associates, Chase 60mm EPS Panel External Wall Cladding System – Cavity Fixed, Static Ultimate Wind load tests to AS4040.2-1992 (R2016), Test Report No. 2020-042-S2 (dated June 2020)
This report provides the results of testing of the Chase EPS Cavity Fix system to AS4040.2-1992 for the 60mm EPS Panel and concludes that the product passes the requirements for non-cyclonic regions.