



# Certificate of Conformity

Certification Body:



**BUREAU  
VERITAS**

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Certificate Holder:

**Promat**

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Mile End, SA 5031  
Ph: 1800 776 628  
Web: www.kalsi-building-solutions.com/en-au

Certificate number: CM70105

**THIS TO CERTIFY THAT**

## KalsiCTU, KalsiWAB, KalsiGroove, KalsiFlex

**Type and/or use of product:**

Promat Kalsi are a range of fibre cement board used as a wall and floor substrates, internal wall and ceiling linings, and soffit linings.

**Description of product:**

KalsiCTU – Ceramic tile underlay is a 6mm fibre cement flat sheet for use with tiling systems on timber, or reconstituted wood based substrates.

KalsiWAB – a 9mm fibre cement board for wall and ceiling linings, used for internal and external ceilings, soffit linings and internal walls in wet and dry areas.

KalsiGroove – a 7.5mm fibre cement board for wall and ceiling linings, used for internal and external ceilings, soffit linings and internal walls in wet and dry areas not subjected to direct rain, sunlight or snow.

KalsiFlex - Fibre cement board for wall and ceiling linings, used for internal and external ceilings, soffit linings and internal walls in wet and dry areas not subjected to direct rain, sunlight or snow. Available in 4.5mm, 6.0mm and 9.0mm thicknesses.

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

**BCA 2019**

	Volume One	Volume Two	
<b>Performance Requirement(s)</b>	BP1.1(a) limited to (b)(i) – limited to self-weight & (ii)	P2.1.1(a) limited to (b)(i) – limited to self-weight & (ii)	Structural stability and resistance
<b>Deemed-to-Satisfy Provision(s):</b>	C1.9(e)(iv) C1.10 including Spec C1.10 Clause 4* F1.7(a)&(b)	3.7.1.1(d) 3.8.1.2(a)&(b)	Fire properties for materials and construction Wet areas and external waterproofing
<b>State or territory variation(s):</b>	SA F1.7(a)	SA 3.8.1.2	Wet areas and external waterproofing

\*only 9mm Kalsi board has been tested to comply with this clause

Sam Guindi – Product Certification Manager  
Bureau Veritas Australia Pty Ltd

Quintin Kleyn - Unrestricted Building Certifier  
Hendry Group Pty Ltd

Date of issue: 18 January 2022

Date of expiry: 18 January 2025



**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. Kalsi fibre cement boards must be installed in accordance with the following documents;
  - a) KalsiWAB Installation Guide (June 2021)
  - b) KalsiGroove Installation Guide (February 2021)
  - c) KalsiCTU Installation Guide (June 2021)
  - d) KalsiFlex Installation Guide (May 2021)
2. The 9mm Kalsi fibre cement board has been tested in accordance with AS5637.1 and achieved a group number classification of 1, and an average specific extinction area of 8.3m<sup>2</sup>/kg. The other thickness boards have not been tested.
3. Only 8mm or thicker Kalsi fibre cement boards are suitable for use in scenarios where they are exposed and not covered over.
4. Kalsi fibre cement boards are suitable for use where water resistant materials are required, when installed in accordance with AS3740-2010, BCA Table F1.7 and BCA Table 3.8.1.1
5. When used in flooring applications, Kalsi fibre cement boards have not been tested for fire hazard properties and must always be tiled over.

**Building classification/s:**

Volume 1 – Class 2 to Class 9 buildings  
Volume 2 – Class 1 and Class 10 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](http://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

Refer to Page 1.

### A2 Description of product

Refer to Page 1.

### A3 Product specification

Kalsi Boards are a Type A cellulose fibre reinforced cement board in accordance with the requirements of AS/NZS2908.1 and AS/NZS 2908.2. The 9mm Kalsi board achieves a Group Number Classification of 1 and an ASEA of 8.3 m<sup>2</sup>/kg in accordance with AS5637.1. No components aside from that Kalsi boards are considered in this assessment.

### A4 Manufacturer and manufacturing plant(s)

PT. Etex Building Performance Indonesia  
Jl. Indro No 1 Gresik 61124, East Java, Indonesia

### A5 Installation requirements

Kalsi fibre cement boards must be installed in accordance with the following documents;

- a) Kalsi Installation Guide (April 2021)
- b) KalsiWAB Installation Manual (June 2021)
- c) KalsiGroove Installation Manual (April 2021)
- d) KalsiCTU Installation Manual (June 2021)
- e) KalsiFlex Installation Manual (May 2021)

### A6 Other relevant technical data

#### 1. Greencap, Asbestos Identification Report No. 99557 (5 August 2016)

This report tests various Promat Kalsi products for asbestos by polarized light microscopy and determines that the samples do not contain asbestos.

## APPENDIX B – EVALUATION STATEMENTS

### B1 Evaluation methods

#### Structure

- A2.2(2)(a)/A5.2(1)(d) - A report issued by an Accredited Testing Laboratory – SIRIM QAS International (Accreditation No. SAMM 085, ILAC full member)
- A2.2(2)(a)/A5.2(1)(e) - A certificate or report from a professional engineer or other appropriately qualified person - BRANZ

#### Non-Combustibility

- A2.3(2)(a)/A5.2(1)(e) - A certificate or report from a professional engineer or other appropriately qualified person – BRANZ
- A2.3(2)(a)/A5.2(1)(f) - Another form of documentary evidence – exemption provided in BCA C1.9(e)(iv)

#### Fire Hazard Properties

- A2.3(2)(a)/A5.2(1)(d) - A report issued by an Accredited Testing Laboratory – AWTA Product Testing (NATA Accreditation No. 1356)

#### Waterproofing

- A2.3(2)(a)/A5.2(1)(e) - A certificate or report from a professional engineer or other appropriately qualified person – BRANZ
- A2.3(2)(a)/A5.2(1)(f) - Another form of documentary evidence – AS3740

### B2 Reports

#### 1. BRANZ, AS/NZS 2908.2 Testing of Kalsiclad Boards, Test Report No. DC2550 (28 August 2015)

This report provides the results to testing of Kalsiclad fibre cement products to the requirements of AS/NZS 2908.2 and determines that the product passed all test parameters for Type A characteristics.

#### 2. SIRIM QAS International Sdn. Bhd, Test Report No. 2015CB1699 (16 October 2015)

This report provides the results to testing of 10mm Kalsi fibre cement sheet to the requirements of ISO 8336:2009 Clause 5.6.2: Modulus of rupture/bending strength and determined that the product passed the required parameters for a Category A, Class 2, Level II material.

#### 3. SIRIM QAS International Sdn. Bhd, Test Report No. 2015CB1700 (16 October 2015)

This report provides the results to testing of 10mm Kalsi fibre cement sheet to the requirements of ISO 8336:2009 Clause 5.6.3: Apparent Density, and determined that the product passed the required parameters for a Category A, Class 2, Level II material.

**4. SIRIM QAS International Sdn. Bhd, Test Report No. 2015CB1701 (16 October 2015)**

This report provides the results to testing of 10mm Kalsi fibre cement sheet to the requirements of ISO 8336:2009 Clause 5.6.4: Moisture Movement, and determined that the product passed the required parameters for a Category A, Class 2, Level II material.

**5. SIRIM QAS International Sdn. Bhd, Test Report No. 2015CB1702 (16 October 2015)**

This report provides the results to testing of 10mm Kalsi fibre cement sheet to the requirements of ISO 8336:2009 Clause 5.6.5: Water Permeability, and determined that the product passed the required parameters for a Category A, Class 2, Level II material.

**6. SIRIM QAS International Sdn. Bhd, Test Report No. 2015CB1703 (16 October 2015)**

This report provides the results to testing of 10mm Kalsi fibre cement sheet to the requirements of ISO 8336:2009 Clause 5.6.9: Heat-Rain Performance, and determined that the product passed the required parameters for a Category A, Class 2, Level II material.

**7. SIRIM QAS International Sdn. Bhd, Test Report No. 2015CB1704 (16 October 2015)**

This report provides the results to testing of 10mm Kalsi fibre cement sheet to the requirements of ISO 8336:2009 Clause 5.6.10: Warm Water Performance, and determined that the product passed the required parameters for a Category A, Class 2, Level II material.

**8. SIRIM QAS International Sdn. Bhd, Test Report No. 2015CB1705 (16 October 2015)**

This report provides the results to testing of 10mm Kalsi fibre cement sheet to the requirements of ISO 8336:2009 Clause 5.6.11: Soak-dry Performance, and determined that the product passed the required parameters for a Category A, Class 2, Level II material.

**9. TUV SUD Group, Performance Test of Partition Wall System using Kalsi Boards 8mm THK, tested with reference to BS 5234: Part 2: 1992 or SS 492: 2001, Test Report No. 7191068144-MEC13-YX (09 September 2013)**

This report provides the test results for hard body and soft body impact, and determines that Kalsi 8mm thick board passed the test parameters for a severe duty material.

**10. AWTA Product Testing, Group Number Assessment, Test Number 21-002346 (02 June 2021)**

This report provides the results to testing of 9mm Promat Kalsi fibre cement sheet to the requirements of AS5637.1-2015 and determines that the product achieves a Group Number classification of 1, and an Average Specific Extinction Area of 8.3 m<sup>2</sup>/kg