Certificate of Conformity

Certification Body:

SAI Global Certification Services Pty Limited

(ACN 108 716 669) Operating as "Intertek & Intertek SAI Global"

JAS-ANZ Accreditation No. Z1440295AS

Address: 650 Lorimer Street Port, Melbourne, VIC, 3207 Australia

Website: www.saiglobal.com

Certificate Holder:

Hume Cemboard Industries Sdn. Bhd. – Central

Address: 12, Jalan Tandang 46050 Petaling Jaya, Selangor Darul Ehsan Malaysia

Phone: +60 3 7625 9999

Email: sales@humecemboard.com.my

Website: www.primafibrecement.com

Certificate number: CM20163

THIS TO CERTIFY THAT

HUME CEMBOARD – PRIMA*flex*™, PRIMA*plank*™, PRIMA*base*™ and PRIMA*alpha WeatherClad*

Type and/or use of product:

***PRIMAflex*™** - Is an external cladding. Suitable for use as a non-loadbearing external wall cladding, external ceiling and an eaves lining board.

PRIMA*plank*™ - Is an external siding board. Suitable for use as a non-loadbearing external wall cladding and a gable end cladding.

PRIMA*base*™ - Is an external cladding. Suitable for use as a non-loadbearing external wall substrate for exterior texture coating systems.

PRIMA*alpha WeatherClad* – Is a pre-primed siding board. Suitable for use as a non-loadbearing external wall cladding and a gable end cladding.

Description of product:

***PRIMAflex*™** - Is a smooth flat autoclaved cellulose fibre reinforced cement sheet with square edges. Available in a 4.5mm or 6.0mm thickness at various widths and lengths

PRIMA*plank*™ - An autoclaved cellulose fibre reinforced cement siding board. Available in a 7.5mm thickness and comes in smooth and woodgrain profile at various widths

PRIMA*base*™ - An autoclaved cellulose fibre reinforced cement sheet rebated on 3 sides (1 short side) for seamless jointing. Used as a substrate for texture coating. Available in a 7.5mm thickness at various widths and lengths.

PRIMA*alpha WeatherClad* – An autoclaved smooth cellulose fibre cement cladding. Pre-primed cladding featuring tongue and groove jointing system at the width and a bevelled top edge at the back surface. Available in a 16mm thickness at various widths.

COMPLIES WITH THE FOLLOWING BCA PROVISIONS AND STATE OR TERRITORY VARIATION(S) **BCA 2019 Amdt 1**

	Volume One		Volume Two	
Performance Requirement(s)	**BP1.1(a) limited to (b)(i)(iii)**	**Structural Provisions –** Structural reliability (b)(i) self-weight, (b)(iii) wind action	**P2.1.1 (a) limited to (b)(i)(iii)**	**Structure** – Structural stability and resistance (b)(i) self-weight, (b)(iii) wind action
	FP1.4	**Damp and Weatherproofing** – Roof & External Wall	**P2.2.2**	**Damp and Weatherproofing** - Weatherproofing
Deemed-to-Satisfy Provision(s):	**C1.9(e)(iv)**	**Non-combustible Building Elements –** External Walls	**3.7.1.1(d)**	**Fire Properties for Materials and Construction** General concession – non-combustible materials

SAI Global Certification Services

Calin Moldovean
President, Business Assurance
SAI Global Assurance

Quintin Kleyn – Unrestricted Building Certifier

Date of issue: 24/08/2022

Date of expiry: 23/08/2025

	G5.1& G5.2	**Construction in Bushfire Prone Areas**	**3.10.5.0(c)**	**Construction in Bushfire Prone Areas -** Application
State or territory variation(s):	**NSW G5.1**	**Construction in Bushfire Prone Areas** – Application of Part	**NSW 3.10.5.0**	**Construction in Bushfire Prone Areas -** Application
	NSW G5.2	**Construction in Bushfire Prone Areas** - Protection	**QLD 3.10.5.0**	**Construction in Bushfire Prone Areas -** Application
	QLD G5.1	**Construction in Bushfire Prone Areas** – Construction Requirements		

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 products must be installed in accordance with the manufacturer's installation instruction in the following;
    - PRIMA External Cladding (PRIMAflex™, PRIMAplank™, PRIMAbase™) Technical Manual - International - v2
    - PRIMA*alpha* WeatherClad Technical Manual – International - v1 1708
2. The Method of attaching or installing the product to the building element must not reduce the fire-resistance of that element to below that required. The products do not contribute to a fire rating
3. PRIMA*flex* 4.5mm is suitable for use in Bushfire prone areas up to & including BAL Low in accordance with the requirements of AS 3959:2018.
4. PRIMA*flex* 6.0mm is suitable for use in Bushfire prone areas up to & including BAL 29 in accordance with the requirements of AS 3959:2018.
5. PRIMA*plank* is suitable for use in Bushfire prone areas up to & including BAL 29 when a product thickness of 6.0mm or greater is selected in accordance with the requirements of AS 3959:2018.
6. PRIMA*base* is suitable for use in Bushfire prone areas up to & including BAL 29 when a product thickness of 6.0mm or greater is selected in accordance with the requirements of AS 3959:2018.
7. *PRIMAalpha* WeatherClad is suitable for use in Bushfire prone areas up to & including BAL 40 when a product thickness of 9.0mm or greater is selected in accordance with the requirements of AS 3959:2018.
8. Site environmental factors such as wind and corrosivity zones need to be considered to determine suitability of products for particular environments
9. The product is permitted to be used in non-cyclonic areas - Wind Regions A & B only (up to & including N3).
10. The product must be used for its intended purpose.

Building classification/s:

Volume 1 – Class 2 to Class 9 buildings

Volume 2 – Class 1 and Class 10a buildings

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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

Refer to Page 1 of this certificate.

A2 Description of product

Refer to Page 1 of this certificate.

A3 Product specification

<table>
<tr><td>Product Name</td><td colspan="4">PRIMAflex™</td><td>PRIMAplank™</td><td>PRIMAbase™</td><td>PRIMAalpha WeatherClad</td></tr>
<tr><td>Nominal Product Thickness</td><td colspan="4">4.5mm & 6.0mm</td><td>7.5mm</td><td>7.5mm</td><td>16mm</td></tr>
<tr><td rowspan="8">Product Dimensions</td><td>Thickness</td><td>4.5mm - #</td><td>6.0mm - *</td><td></td><td rowspan="8">Width – 230mm & 300mm
Length – 4200mm
Available in Smooth & woodgrain finish.
Range excludes 209mm Cedar</td><td rowspan="8">Width – 900mm & 1200mm
Length – 2440mm,
2725mm & 3000mm</td><td rowspan="8">Width – 150mm & 180mm
Length – 4200mm</td></tr>
<tr><td></td><td>600mm</td><td>900mm</td><td>1200mm</td></tr>
<tr><td>1800mm</td><td></td><td># *</td><td>#</td></tr>
<tr><td>2100mm</td><td></td><td></td><td>#</td></tr>
<tr><td>2400mm</td><td>#</td><td>#</td><td># *</td></tr>
<tr><td>2700mm</td><td></td><td>#</td><td>#</td></tr>
<tr><td>3000mm</td><td></td><td>#</td><td>#</td></tr>
</table>

Product specifications (including detailed material properties and composition) are provided in the related Technical manuals and brochures as identified under section A5 & A6 below

A4 Manufacturer and manufacturing plant(s)

HUME CEMBOARD INDUSTRIES SDN BHD

Manufactured at Lot. 127220, Kawasan Perusahaan Kanthan, Chemor, Perak, 31200, Malaysia.

A5 Installation requirements

Refer to Page 2 of this certificate and the following;

- PRIMA External Cladding (PRIMAflex™, PRIMAplank™, PRIMAbase™) Technical Manual - International - v2
- PRIMA*alpha* WeatherClad Technical Manual – International - v1 1708

A6 Other relevant technical data

- PRIMA*flex*™ - Brochure – International – v1
- PRIMA*plank*™ - Brochure – International – v1
- PRIMA*base*™ - Brochure – International – v2
- PRIMA*alpha* WeatherClad – Brochure – v1 1708
- PRIMA*flex* Cavity Systems Details Drawing v1 30-10-2008

APPENDIX B – EVALUATION STATEMENTS

B1 Evaluation methods

The system has been assessed as complying with the identified Performance Requirements of the BCA 2019 Amdt 1. This involved a review of product specifications, test reports, installation manuals, and associated documentation.

1. **Structural assessment:**
   a) A2.2(2)(a) / A5.2(1)(d) - A report issued by an Accredited Testing Laboratory – Hume Cemboard Industries SDN BHD (ilac MRA - SAMM accreditation No. 471)
   b) A2.2(2)(a) / A5.2(1)(e) – A report from an appropriately qualified person – BRANZ Limited.

2. **Weatherproofing assessment:**
   a) A2.2(2)(a) / A5.2(1)(d) - A report issued by an Accredited Testing Laboratory - Hume Cemboard Industries SDN BHD (ilac MRA - SAMM accreditation No. 471)
   b) A2.2(2)(a) / A5.2(1)(e) – A report from an appropriately qualified person - BRANZ Limited.

3. **Non-Combustibility assessment:**
   a) A2.3(2)(a) / A5.2(1)(d) - A report issued by an Accredited Testing Laboratory - Hume Cemboard Industries SDN BHD (ilac MRA - SAMM accreditation No. 471)
   b) A2.2(2)(a) / A5.2(1)(f) - Another form of documentary evidence, such as but not limited to *a Product Technical Statement* – Assessment against requirements of exemptions under NCC BCA 2019.1

4. **Resistance to Bushfire Assessment:**
   a) A2.3(2)(a) / A5.2(1)(d) - A report issued by an Accredited Testing Laboratory - Hume Cemboard Industries SDN BHD (ilac MRA - SAMM accreditation No. 471)
   b) A2.3(2)(a) / A5.2(1)(f) - Another form of documentary evidence, such as but not limited to *a Product Technical Statement* – Assessment against specifications in referenced document AS 3959:2018.

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B2 Reports

Evaluation methods	Related Supporting Evidence as listed below
Structural Assessment	1, 2, 3, 4, 5, 6
Weatherproofing Assessment	1, 2, 3, 4, 6, 7
Non-Combustibility (General Concession)	1, 2, 3, 4
Resistance to Bushfire Construction assessment	1, 2, 3, 4

1. **Hume Cemboard Industries, Product Testing Laboratory, Report No: HCI/17/000400AA (dated 15 December 2017).** Standards Malaysia (SAMM) accreditation no. 471. *This report contains the test results of PRIMAflex 4.5mm to AS/NZS 2908.2, and determines that the product meets the requirements for Type A Category 3 as defined within that standard.*
2. **Hume Cemboard Industries, Product Testing Laboratory, Report No: HCI/14/000800AA (dated 22 May 2015).** Standards Malaysia (SAMM) accreditation no. 471. *This report contains the test results of PRIMAplank 7.5mm to AS / NZS 2908.2, and determines that the product meets the requirements for Type A Category 3 as defined within that standard.*
3. **Hume Cemboard Industries, Product Testing Laboratory, Report No: HCI/18/000100AA (dated 22 May 2018).** Standards Malaysia (SAMM) accreditation no. 471. *This report contains the test results of PRIMAbase 7.5mm to AS / NZS 2908.2, and determines that the product meets the requirements for Type A Category 3 as defined within that standard.*
4. **Hume Cemboard Industries, Product Testing Laboratory, Report No: HCI/17/000200AA (dated 17 December 2017).** Standards Malaysia (SAMM) accreditation no. 471. *This report contains the test results of PRIMAalpha WeatherClad 16mm to AS / NZS 2908.2, and determines that the product meets the requirements for Type A Category 3 as defined within that standard.*
5. **BRANZ, Face load testing of the PRIMAflex Cavity System, Project No: ST0741 (dated 10 April 2008).** *This report determines that the PRIMAflex 6mm cladding cavity system may be used in wind zones up to and including "Very high" as determined by NZS 3064, and that the system is expected with withstand ULS up to 2.06kPa when fixed with 600mm centres, or 3.10kPa when fixed with 400mm centres.*
6. **BRANZ, Appraisal No 635, PRIMAflex Cavity Wall Cladding System (dated 23 May 2019).** *This appraisal verifies that the PRIMAflex 6mm cladding cavity system meets the New Zealand Building Code performance requirements for structure, durability and external moisture.*
7. **BRANZ, Weathertightness test to E2/VM1 of the PRIMAflex Cavity System, Project No: TP1563 (dated 20 March 2008).** *This report provides the results of testing to NZBC Clause E2/VM1, drawn from AS/NZS 4284 and determines that the PRIMAflex cladding system passes the requirements for weatherproofing / external moisture*