

Certificate number: CM40317 Rev4

**Certification Body:**



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**THIS IS TO CERTIFY THAT**

## Bayset Internal Waterproofing Membranes

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

Internal Use Waterproofing Membrane.

**Description of product:**

Waterproofing membranes WPA 100, WPA 200, WPA 230UV, WPA 400, WPA 500, WPA 992, WPA 992UV & WPA Rapid for use in internal applications. Refer A2.

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

	Volume One	Volume Two
<b>Performance Requirement(s):</b>	Not Applicable	Not Applicable
<b>Deemed-to-Satisfy Provision(s):</b>	F1.7(a)(ii),(b)(ii) Damp and weatherproofing – Waterproofing of wet areas in buildings	3.8.1.2(b) Wet areas and external waterproofing – Wet areas
<b>State or territory variation(s):</b>	F1.7(a) (SA)	3.8.1.2 (SA)

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

**Limitations and conditions:**

- Where required by the Appropriate Authority, installation must be undertaken by a person holding the required State or Territory licensing or registration.
- The Bayset Internal Waterproofing Membranes must be installed with the relevant Technical Data Sheets. Refer A5 Installation requirements.
- 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.

**4. WPA 100**

**Substrates:**

- WPA 100 is only suitable for concrete, render, screeds, block work and fibre-cement sheeting under this certification. Contact the Certificate Holder for other substrates as they fall outside the scope of this certification

**Do not apply WPA 100:**

- Over wet (standing water) or contaminated substrates.
- If it is raining or if rain is imminent.
- Directly over any existing coatings.
- As a high wear surface for foot or vehicle traffic.
- Where ambient or surface temperatures are below 10°C or greater than 35°C.

**Building classification/s:**

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



Richard Donarski - CMI



Don Grehan – Unrestricted Building Certifier

**Date of issue:** 21/03/2023

**Date of expiry:** 18/12/2023



## 5. WPA 200

### Substrates:

- WPA 200 is suitable for concrete, render, screeds, block work, fibre-cement sheeting, wet area grade plasterboard, PAA certified structural and marine plywood and Light weight fibre cement sheeting. Metal and PVC surfaces must be primed with WPA 160 All Purpose primer. Contact the Certificate Holder for other substrates as they fall outside the scope of this certification

### Do not apply WPA 200:

- Over damp, wet or contaminated substrates.
- If it is raining or if rain is imminent.
- Directly over any existing coatings.
- Directly to particle board flooring. (Ceramic tile underlay must be installed).
- As a high wear surface for foot or vehicle traffic.
- Where ambient or surface temperatures are below 10°C or greater than 40°C.
- To areas subject to negative hydrostatic pressure or rising damp (apply two coats of WPA 560 first).

## 6. WPA 230UV

### Substrates:

- WPA 230UV is suitable for concrete, render, screeds, block work, fibre-cement sheeting, wet area grade plasterboard, PPA certified structural and marine plywood and Light weight fibre cement sheeting. All Aluminium, PVC and other non-porous surfaces must be primed with WPA 160 All Purpose Primer. Contact the Certificate Holder for other substrates as they fall outside the scope of this certification

### Do not apply WPA 230UV:

- Over damp, wet or contaminated substrates.
- If it is raining or if rain is imminent.
- Directly over any existing coatings
- As a primer for solvent based coatings.
- Directly over particle board flooring. (Ceramic tile underlay must be installed).
- Where the ambient or surface temperatures are below 10°C or greater than 35°C.
- To areas subject to negative hydrostatic pressure or rising damp.

## 7. WPA 400

### Substrates:

- WPA 400 is suitable for concrete, render, screeds, block work, fibre-cement sheeting, wet area grade plasterboard, PAA certified structural and marine plywood and Light weight fibre cement sheeting. Metal, PVC and other non-porous substrates surfaces must be primed with WPA 160 All Purpose primer. Contact the Certificate Holder for other substrates as they fall outside the scope of this certification.

### Do not apply WPA 400:

- Over damp, wet or contaminated substrates.
- If it is raining or if rain is imminent.
- Directly over any existing coatings.
- Directly to particle board flooring. (Ceramic tile underlay must be installed).
- As an exposed membrane.
- As a high wear surface for foot or vehicle traffic.
- Where ambient or surface temperatures are below 10°C or greater than 35°C.
- To areas subject to negative hydrostatic pressure or rising damp.
- To areas of continuous immersion such as swimming pools, ponds, water features or water tanks.

## 8. WPA 500

### Substrates:

- WPA 500 is suitable for concrete, render, screeds, block work, fibre-cement sheeting, wet area grade plasterboard, PAA certified structural and marine plywood and Light weight fibre cement sheeting. Metal surfaces must be primed with WPA 160 All Purpose primer. Contact the Certificate Holder for other substrates as they fall outside the scope of this certification.

### Do not apply WPA 500:

- Over damp, wet or contaminated substrates.
- If it is raining or if rain is imminent.
- Directly over any existing coatings.

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- Directly to particle board flooring. (Ceramic tile underlay must be installed).
- As an exposed membrane.
- As a high wear surface for foot or vehicle traffic.
- Where ambient or surface temperatures are below 10°C or greater than 35°C.
- To areas subject to negative hydrostatic pressure or rising damp.
- To areas of continuous immersion such as swimming pools, ponds, water features or water tanks.

## 9. WPA 992

### Substrates:

- WPA 992 is suitable for concrete, render, screeds, block work, fibre-cement sheeting, wet area grade plasterboard, PAA certified structural and marine plywood and Light weight fibre cement sheeting\* sheeting. Metal surfaces must be primed with an appropriate metal etch primer. \*Must be primed with WPA 460 or WPA 560 two-part water-based epoxy. Contact the Certificate Holder for other substrates as they fall outside the scope of this certification.

### Do not apply WPA 992:

- Over damp, wet or contaminated substrates.
- If it is raining or if rain is imminent.
- Directly over any existing coatings.
- Directly to particle board flooring. (ceramic tile underlay must be installed).
- As a wearing surface for foot or vehicle traffic.
- As an exposed membrane.
- In swimming pools.
- Where the surface temperature is below 10°C or greater than 35°C.
- To areas subject to negative hydrostatic pressure or rising damp.
- Do not install tiles directly to WPA 992, a cementitious screed must be installed first. The adhesion of the screed may be enhanced by applying a third coat and broadcasting graded sand while this coat is still wet.

## 10. WPA 992UV

### Substrates:

- WPA 992 UV is suitable for concrete, render, screeds, block work, fibre-cement sheeting, wet area grade plasterboard, PAA certified structural and marine plywood and Light weight fibre cement sheeting\* sheeting. Metal surfaces must be primed with an appropriate metal etch primer. \*Must be primed with WPA 460 or WPA 560 two-part Water-based epoxy. Contact the Certificate Holder for other substrates as they fall outside the scope of this certification.

### Do not apply WPA 992UV:

- Over damp, wet or contaminated substrates.
- If it is raining or if rain is imminent.
- Directly over any existing coatings.
- Directly to particle board flooring. (Ceramic tile underlay must be installed).
- As a wearing surface for foot or vehicle traffic.
- In swimming pools.
- Where the surface temperature is below 10°C or greater than 35°C.
- To areas subject to negative hydrostatic pressure or rising damp.

## 11. WPA Rapid

### Substrates:

- WPA Rapid is suitable for concrete, render, screeds, block work, fibre-cement sheeting, wet area grade plasterboard, compressed fibre cement (CFC) sheets and PAA certified structural grade plywood.
- All Aluminium, PVC and other non-porous surfaces must be primed with WPA 160 Non Porous Primer. Contact the Certificate Holder for other substrates as they fall outside the scope of this certification.

### Do not apply WPA Rapid:

- Over damp, wet or contaminated substrates.
- If it is raining or if rain is imminent.
- Directly over any existing coatings other than an approved WPA primer
- Directly to particle board flooring (Ceramic tile underlay must be installed).
- As an exposed membrane.
- As a wear surface for foot or vehicle traffic.



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- Where ambient or surface temperatures are below 10°C or greater than 32°C.
- To areas subject to negative hydrostatic pressure or rising damp.
- To areas of continuous immersion such as swimming pools, ponds, water features or water tanks.

**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.

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

WPA 100	Concrete, render, screeds, block work and fibre-cement sheeting.
WPA 200	Suitable for concrete, render, screeds, block work, fibre-cement sheeting, wet area grade plasterboard, PAA certified structural and marine plywood and Scyon sheeting.
WPA 230UV	Suitable for concrete, render, screeds, block work, fibre-cement sheeting, wet area grade plasterboard, PPA certified structural and marine plywood and Light weight fibre cement sheeting.
WPA 400	Suitable for concrete, render, screeds, block work, fibre-cement sheeting, wet area grade plasterboard, PAA certified structural and marine plywood and Light weight fibre cement sheeting.
WPA 500	Suitable for concrete, render, screeds, block work, fibre-cement sheeting, wet area grade plasterboard, PAA certified structural and marine plywood and Light weight fibre cement sheeting.
WPA 992	Suitable for concrete, render, screeds, block work, fibre-cement sheeting, wet area grade plasterboard, PAA certified structural and marine plywood and Light weight fibre cement sheeting.
WPA 992UV	Suitable for concrete, render, screeds, block work, fibre-cement sheeting, wet area grade plasterboard, PAA certified structural and marine plywood and Light weight fibre cement sheeting.
WPA Rapid	Suitable for concrete, render, screeds, block work, fibre-cement sheeting, wet area grade plasterboard, compressed fibre cement (CFC) sheets and PAA certified structural grade plywood.

### A2 Description of product

WPA 100	A single component, fibre reinforced, rapid drying, cementitious waterproofing membrane. It is based on special cements, modified with polymers and selected graded aggregates and special waterproofing additives to produce a flexible waterproofing compound. Incorporating WPA 160 solvent free primer.
WPA 200	A highly flexible, two-part, rapid drying, cementitious waterproofing membrane. Incorporating WPA 160 solvent free primer, WPA 360 water based, low solids fast drying primer, WPA 460 a two-part water-based epoxy primer and WPA 560 a two-part water-based epoxy.
WPA 230UV	An elastomeric, one part, fibre reinforced, water based polyurethane membrane. Incorporating WPA 160 solvent free primer, WPA 360 water based, low solids fast drying primer, WPA 460 a two-part water-based epoxy primer and WPA 560 a two-part water-based epoxy, WPA MS Sealant, WPA SPUR Sealant and Admil SupaSeal PU.
WPA 400	An elastomeric, fibre reinforced waterproofing membrane based on high performance polymer technology. Incorporating WPA 160 solvent free primer, WPA 360 water based, low solids fast drying primer, WPA 460 a two-part water-based epoxy primer and WPA 560 a two-part water-based epoxy, WPA MS Sealant, WPA SPUR Sealant and Admil SupaSeal PU.
WPA 500	A thixotropic, one part, liquid applied, moisture cured polyurethane waterproofing membrane. Incorporating WPA 160 solvent free primer, WPA 360 water based, low solids fast drying primer, WPA 460 a two-part water-based epoxy primer and WPA 560 a two-part water-based epoxy, WPA MS Sealant, WPA SPUR Sealant and Admil SupaSeal PU.
WPA 992	A thixotropic, one part, liquid applied, moisture cured polyurethane waterproofing membrane. Incorporating WPA 460 a two-part water-based epoxy primer, WPA 560 a two-part water-based epoxy and WPA FC, WPA SB Primer.
WPA 992UV	A thixotropic, one part, liquid applied, moisture cured polyurethane waterproofing membrane. Incorporating WPA 460 a two-part water-based epoxy primer, WPA 560 a two-part water-based epoxy and WPA FC, WPA SB Primer.
WPA Rapid	A waterborne, flexible waterproofing membrane, utilising next generation, self-crosslinking technology, which enables the membrane to achieve cured properties rapidly.

## A3 Product specification

WPA 100	Meets the requirements of a Class I, low extensibility membrane, when tested in accordance with the requirements of AS/NZS 4858-2004, and when it is applied at a thickness of $\geq 1.40$ mm on concrete, plywood, fibre cement, and plasterboard substrates
WPA 200	Meets the requirements of a Class II, medium extensibility membrane, when tested in accordance with the requirements of AS/NZS 4858-2004, and when it is applied at a thickness of $\geq 1.00$ mm with a minimum of two coats.
WPA 230UV	Meets the requirements of a Class III, high extensibility membrane, when tested in accordance with the requirements of AS/NZS 4858-2004, and when it is applied at a thickness of $\geq 1.00$ mm on concrete and plywood substrates
WPA 400	Meets the requirements of a Class III, high extensibility membrane, when tested in accordance with the requirements of AS/NZS 4858-2004, and when it is applied at a thickness of $\geq 1.00$ mm on concrete and plywood substrates
WPA 500	Meets the requirements of a Class III, high extensibility membrane, when tested in accordance with the requirements of AS/NZS 4858-2004, and when it is applied at a thickness of $\geq 1.00$ mm on concrete and plywood substrates
WPA 992	Meets the requirements of a Class III, high extensibility membrane, when tested in accordance with the requirements of AS/NZS 4858-2004, and when it is applied at a thickness of $\geq 1.20$ mm on concrete and plywood substrates
WPA 992UV	Meets the requirements of a Class III, high extensibility membrane, when tested in accordance with the requirements of AS/NZS 4858-2004, and when it is applied at a thickness of $\geq 1.20$ mm on concrete and plywood substrates
WPA Rapid	Meets the requirements of a Class III, high extensibility membrane, when tested in accordance with the requirements of AS/NZS 4858-2004 and when it is applied at a thickness of $\geq 1.00$ mm with a minimum of two coats.

## A4 Manufacturer and manufacturing plant(s)

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

## A5 Installation requirements

The Bayset Liquid External Above Ground Waterproofing Membranes must be installed with the relevant Technical Data Sheets listed below and in strict accordance with AS 4654.2-2012 for External Above Ground areas:

Product	Technical Data Sheets
WPA 100	<a href="#">WPA100 Technical Data Sheet dated October 2021</a>
WPA 200	<a href="#">WPA200 Technical Data Sheet dated October 2021</a>
WPA 230UV	<a href="#">WPA230UV Technical Data Sheet dated October 2021</a>
WPA 400	<a href="#">WPA400 Technical Data Sheet dated October 2020</a>
WPA 500	<a href="#">WPA500 Technical Data Sheet dated October 2021</a>
WPA 992	<a href="#">WPA992 Technical Data Sheet dated October 2021</a>
WPA 992UV	<a href="#">WPA992UV Technical Data Sheet dated October 2021</a>
WPA Rapid	<a href="#">WPA Rapid Data Sheet - dated April 2022</a>



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## A6 Other relevant technical data

**WPA 100** has been tested in accordance with AS/NZS 4020:2018 - Testing of Products for Use in Contact with Drinking Water. **WPA 100** is deemed to have passed this testing. Compliance with AS/NZS 4020:2018 is relevant in situations where any rainwater is gathered for the purposes of becoming Potable water. This does not form part of this assessment however AS 4654.1-2012 references this standard under section 1.3.5 Potable water as being the test requirement for contact with drinking water. AS 4654.2-2012 makes no reference to AS/NZS 4020:2018.

*Source: Standardmark Laboratory Sdn Bhd, Report No. SM-ST190028 dated 15 August 2019.*

## APPENDIX B – EVALUATION STATEMENTS

### B1 Evaluation methods

1. Damp and Weatherproofing Provision A5.2(1)(e). Reports from Appropriately Qualified Person.
2. Damp and Weatherproofing Provision A5.2(1)(d). Reports issued by an Accredited Testing Laboratory.

### B2 Reports

1. BRANZ; Assessment Report DC13066-001; Bayset Membranes; dated 23/11/2020.
2. XTec Gen Laboratories; Test Report 0156-1; WPA Rapid assessed against AS/NZS 4858-2004; dated 12/04/2022.
3. Australian Tiling & Waterproofing Consultants, Assessment of Bayset WPA 200 Waterproofing Membrane; dated 29/05/2022.
4. RLA Polymers, Technical Report 1071, WPA 200 Technical Report.

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