



Certificate of Conformity

Certificate number: CM40318

Certification Body:



ABN: 81 663 250 815
JAS-ANZ Accreditation
No. Z4450210AK
PO Box 273,
Palmwoods Qld 4555
Australia
P: +61 7 5445 2199
www.cmicert.com.au
office@cmicert.com.au

Certificate Holder:



Bayset
ABN: 27 066 428 877
48 Weaver Street,
Coopers Plains,
QLD 4108
Australia
Ph: (07) 3722 3822
www.bayset.com.au

THIS IS TO CERTIFY THAT

Bayset External Above Ground Waterproofing Membranes

Type and/or use of product:

External Use Above Ground Waterproofing Membrane.

Description of product:

Waterproofing membranes WPA 100, WPA 200, WPA 230UV, WPA 400, WPA 500, WPA 992, WPA 992UV, WPA 3400, WPA TuffCote & WPA Rapid for use in external above ground applications. Refer A2.

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

BCA 2022

	Volume One	Volume Two
Performance Requirement(s):	Not Applicable	Not Applicable
Deemed-to-Satisfy Provision(s):	F1D5 Damp and weatherproofing - External above ground membranes	H2D8 Wet areas and external waterproofing - External above ground membranes
State or territory variation(s):	Not Applicable	Not Applicable

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

Limitations and conditions:

- This Certificate of Conformity is only valid for above ground installation of the certified product.
 - Where required by the Appropriate Authority, application of the certified product must be undertaken by a person holding the required State or Territory licensing or registration.
 - The Bayset Internal Waterproofing Membranes must be installed in accordance with AS 4654.2-2012 and 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.
 - 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: 14/12/2023

Date of expiry: 18/12/2026



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6. 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).

7. 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.

8. 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.

9. 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.
- 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.

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10. 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.

11. 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.

12. WPA 3400

Substrates: • WPA 3400 is suitable for concrete, render, screeds, masonry block work, steel and PAA certified exterior grade plywood.

- Substrates must be primed with WPA 560 Moisture seal or WPA 3460 primer.
- Metal surfaces must be prepared by blast cleaning and primed with an appropriate metal etch primer. Contact the Certificate Holder for other substrates as they fall outside the scope of this certification.

Do not apply WPA 3400:

- Over damp, wet or contaminated substrates.
- If it is raining or if rain is imminent.
- Directly over any existing coatings.
- As an exposed membrane. WPA 3400 ATC must be applied as a top coat.
- In water tanks containing potable water. Use WPA 3400 PW
- Where the surface temperature is at least 10°C or greater than 35°C.
- To areas subject to negative hydrostatic pressure or rising damp

13. WPA TuffCote

Substrates: • WPA TuffCote is suitable for application onto masonry or concrete substrates, as well as WPA 230UV and WPA 200 waterproofing membrane systems. 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 WPA 230UV or WPA 200.
- As a high wear surface for vehicle traffic.
- Where ambient or surface temperatures are below 5°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.

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14. 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.
- 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. 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	
WPA 400	
WPA 500	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 992	
WPA 992UV	
WPA 3400	Suitable for concrete, render, screeds, masonry block work, steel and PAA certified exterior grade plywood.
WPA TuffCote	Suitable for application onto WPA 230UV and WPA 200 waterproofing membrane systems, masonry or concrete substrates.
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 3400	A two component, 100% solids, rapid curing, spray applied, hybrid polyurea, elastomeric waterproofing membrane.
WPA TuffCote	A hard-wearing top-coat waterproofing membrane. Incorporating WPA 200, WPA 230UV, 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 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 4654.1-2012, and when it is applied at a thickness of ≥ 1.40 mm on concrete.
WPA 200	Meets the requirements of a Class II, medium extensibility membrane, when tested in accordance with the requirements of AS 4654.1-2012, and when it is applied at a thickness of ≥ 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 4654.1-2012, and when it is applied at a thickness of ≥ 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 4654.1-2012, and when it is applied at a thickness of ≥ 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 4654.1-2012, and when it is applied at a thickness of ≥ 1.00 mm on concrete and plywood substrates.
WPA 992	Meets the requirements of a Class II, medium extensibility membrane, when tested in accordance with the requirements of AS 4654.1-2012, and when it is applied at a thickness of ≥ 1.20 mm on concrete and plywood substrates.
WPA 992UV	Meets the requirements of a Class II, medium extensibility membrane, when tested in accordance with the requirements of AS 4654.1-2012, and when it is applied at a thickness of ≥ 1.20 mm on concrete and plywood substrates.
WPA 3400	Meets the requirements of a Class III high extensibility membrane, when tested in accordance with the requirements of AS 4654.1-2012, and when it is applied at a dry film thickness of ≥ 1.50 mm.
WPA TuffCote	Meets the requirements of a Class II, medium extensibility membrane, when tested in accordance with the requirements of AS 4654.1-2012, and when it is applied at a thickness of ≥ 1.00 mm on concrete and plywood substrates.
WPA Rapid	Meets the requirements of a Class II, medium extensibility membrane, when tested in accordance with the requirements of AS 4654.1-2012 and when it is applied at a thickness of ≥ 1.00 mm with a minimum of two coats.

A4 Manufacturer and manufacturing plant(s)

This field is optional. Contact 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:

Product	Technical Data Sheets	Product	Technical Data Sheets
WPA 100	TDS-WPA100-2023	WPA 992	TDS-WPA 992-2023
WPA 200	TDS-WPA200-2023	WPA 992UV	TDS-WPA 992UV-2023
WPA 230UV	TDS-WPA230UV-2023	WPA 3400	TDS-WPA3400-2023
WPA 400	TDS-WPA 400-2023	WPA TuffCote	TDS-WPA TuffCote-2023
WPA 500	TDS-WPA 500-2023	WPA Rapid	TDS-WPA Rapid-2023

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 A5G3(1)(d)&(e). A report issued by an Accredited Testing Laboratory & a certificate or report from a professional engineer or other appropriately qualified person.

B2 Reports

1. BRANZ; Assessment Report DC13066-001; Bayset Membranes; dated 23/11/2020. Report provides evidence for compliance with F1D5 and H2D8.
2. XTec Gen Laboratories; Test Report 0156-2 AS 4654.1:2012; WPA Rapid assessed against AS 4654.1:2012; dated 12/04/2022. Report is reviewed by BRANZ and is supporting compliance for F1D5 and H2D8.
3. Australian Tiling & Waterproofing Consultants, Assessment of Bayset WPA 200 Waterproofing Membrane; dated 29/05/2022. Report provides evidence for compliance with F1D5 and H2D8.
4. RLA Polymers, Technical Report 1071, WPA 200 Technical Report. Accompanying evidence that has been reviewed by Australian Tiling & Waterproofing Consultants for compliance with F1D5 and H2D8.
5. Australian Tiling & Waterproofing Consultants, Assessment of Bayset WPA 3400 Waterproofing Membrane & BRANZ Report DC13066-05 AS 4654.1:2012. Report provides evidence for compliance with F1D5 and H2D8.
6. BRANZ; Assessment Report DC13066-005 AS 4654.1:2012; Bayset Membranes; dated 31/05/2021. Accompanying evidence that has been reviewed by Australian Tiling & Waterproofing Consultants for compliance with F1D5 and H2D8.

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