



# Certificate of Conformity

Certificate number: CM40321 Rev2

**Certification Body:**



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**THIS IS TO CERTIFY THAT**

## WPA Aqualay External Above Ground Waterproofing Membrane

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

External Use Above Ground Waterproofing Membrane.

**Description of product:**

Waterproofing membrane WPA Aqualay is 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
<b>Performance Requirement(s):</b>	Not Applicable	Not Applicable
<b>Deemed-to-Satisfy Provision(s):</b>	F1D5 External above ground membranes	H2D8 External waterproofing
<b>State or territory variation(s):</b>	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:**

- Where required by the Appropriate Authority, installation must be undertaken by a person holding the required State or Territory licensing or registration.
- The WPA Aqualay External Above Ground Waterproofing Membrane must be installed with the [450-590 WPA Aqualay Data Sheet 09.2022](#).
- Do not apply WPA AQUALAY:
  - If it is raining or if rain is imminent;
  - Over contaminated substrate;
  - Not compatible with solvent based materials, e.g. adhesives, sealants or coatings;
  - As an exposed membrane system, must be covered and protected by screeds, tiles or stone;
  - In areas subject to vehicular traffic;
  - Do not apply when surface temperature is below 5°C or above 30°C; or
  - To areas of continuous immersion such as swimming pools, ponds, water features or water tanks.
- WPA 200  
Do not apply WPA 200:
  - Over damp, wet or contaminated substrates;
  - If it is raining or if rain is imminent;

**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:** 17/10/2024

**Date of expiry:** 05/04/2025



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- 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).
5. WPA 360  
Do Not apply WPA 360:
- In areas subject to rising damp;
  - If it is raining or rain is imminent;
  - As a primer for trafficable membranes. Use WPA 460 or WPA 560;
  - On non-porous substrates. Use WPA 160;
6. WPA 460
- Do not apply WPA 460:
  - As a waterproofing membrane. WPA 460 must be coated with an appropriate waterproofing membrane from the WPA range;
  - In areas subject to UV light exposure. Apply UV resistant top coat from the WPA range;
  - On metallic substrates;
  - If it is raining or rain is imminent.
7. WPA 560  
Do not apply WPA 560:
- WPA 560 Moisture Seal cure rates will be affected by surface and ambient temperature and high relative humidity;
  - Do not apply to steel or metal surfaces as corrosion may occur;
  - WPA 560 Moisture seal is a vapour barrier and not a flexible waterproof membrane. A dedicated flexible membrane from the WPA range should be used if a waterproof membrane in conjunction with a vapour barrier is required;
  - In enclosed areas, such as water tanks or reservoirs, ventilation should be provided to enable adequate curing;
  - WPA 560 Moisture Seal will tend to yellow when left exposed to UV light;
  - Discard any material that has exceeded the pot life or working time of the product;
  - Do not apply over any substrates that have been previously treated or coated with curing compounds, PVA concrete bonding agents or acrylic coatings;
  - These areas must be mechanically cleaned by grinding or shot blasting to produce a contamination free surface;
  - Do not apply if rain is imminent;
  - Do not expose to running water or full immersion until fully cured.
8. Particle board flooring is not suitable as a substrate for WPA Aqualay External Above Ground Waterproofing Membrane.
9. 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.

**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.



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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

The WPA Aqualay External Above Ground Waterproofing Membrane is suitable for application onto concrete & masonry block work, Screeds and renders, Wet area grade plasterboard, CFC and fibre cement sheeting, PAA structural and marine plywood &, Autoclaved aerated concrete panels (AAC).

WPA Aqualay system also incorporates the following products:

Priming	<ul style="list-style-type: none"> <li>WPA 360 suitable for concrete, render, screeds, block work, fibre-cement sheeting, wet area grade plasterboard.</li> <li>WPA 460 suitable for properly prepared in situ, precast and tilt up concrete, block work, compressed fibre cement sheeting, plasterboard, James Hardie™ Scyon™ Secura™ sheeting.</li> <li>WPA 560 suitable for concrete, render, screeds, block work, fibre cement sheeting, wet area plasterboard and lightweight structural fibre cement sheeting</li> </ul>
Application	<ul style="list-style-type: none"> <li>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.</li> </ul>

Refer 450-590 WPA Aqualay Data Sheet 09 2022 for more details.

### A2 Description of product

<b>WPA Aqualay</b>	WPA Aqualay is a 0.57mm thick sheet membrane consisting of an EVAC core with a laminated non-woven geotextile fleece on either side of the central core.
<b>WPA 200</b>	WPA 200 is 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.
<b>WPA 360</b>	WPA 360 is a water based, low solids, fast drying primer used in conjunction with our range of water-based membranes WPA 200, WPA 230UV, WPA 400, WPA 500 or WPA Rapid waterproofing membranes.
<b>WPA 460</b>	WPA 460 is a two-component water-based epoxy primer, used to seal concrete and masonry surfaces. WPA 460 cures to a water-resistant coating with excellent adhesion to the most common building substrates.
<b>WPA 560</b>	WPA 560 is a two component, water-based epoxy, designed as a water and vapour proof coating under water proofing membranes, ceramic tile adhesives*, levelling compounds* and timber floors

### A3 Product specification

<b>WPA Aqualay</b>	<p>WPA Aqualay External Above Ground Waterproofing Membrane meets the requirements of a Class II, medium extensibility membrane, when tested in accordance with the requirements of AS 4654.1-2012, and when the product thickness is <math>\geq 0.57</math>mm on concrete and plywood.</p> <p><i>Source: BRANZ Report No. DC18450-02-1 dated 14/08/2024.</i></p>
<b>WPA 200</b>	<p>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 the product thickness is of <math>\geq 2.50</math> mm on concrete or plywood substrates.</p> <p><i>Source: BRANZ Report No. DC18450-01-1 dated 26/02/2024</i></p>



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## A4 Manufacturer and manufacturing plant(s)

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

## A5 Installation requirements

The WPA Aqualay External Above Ground Waterproofing Membrane must be installed with the [450-590 WPA Aqualay Data Sheet 09 2022](#).

## A6 Other relevant technical data

No other relevant technical data.

## APPENDIX B – EVALUATION STATEMENTS

### B1 Evaluation methods

1. Damp and Weatherproofing Provision A5G3(1)(d). Report from an Accredited Testing Laboratory.

### B2 Reports

1. BRANZ; Report No. DC18450-02-1; Report on Bayset WPA Aqualay Membrane meeting the Deemed-To-Satisfy Provisions of the NCC 2019 Amendment 1 and NCC 2022 F1D5 & H2D8; Dated 14/08/2024. **[Expiries 15/02/2026]**.
2. BRANZ; Report No. DC18450-01-1; Report on Bayset Membranes meeting the Deemed-To-Satisfy Provisions of the NCC 2019 Amendment 1 and NCC 2022 F1D5 & H2D8; Dated 26/02/2024. **[Expiries 13/07/2025]**.

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