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Certificate Holder:



PIRAETEC

CONSTRUCTION PRODUCTS

Piraetec Pty Ltd

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Certificate number:
CM40386

THIS IS TO CERTIFY THAT

Piraseal External Above Ground Waterproofing Membranes

Type and/or use of product:

External Use Above Ground
Waterproofing Membrane.

Description of product:

Waterproofing membranes, PIRASEAL CB, PIRASEAL WBP-UV, PIRASEAL WB, PIRASEAL SPM-C, PIRASEAL SPM-UV & PIRASEAL 80S for use in external above ground applications. Refer A2.

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

BCA 2022 (Amdt. 1)

Performance Requirement(s):

Deemed-to-Satisfy Provision(s):

State or territory variation(s):

Volume One

Not Applicable

F1D5 Damp and weatherproofing - External above ground membranes

Not Applicable

Volume Two

Not Applicable

H2D8 Wet areas and external waterproofing - External above ground membranes

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:

1. This Certificate of Conformity is only valid for above ground installation of the certified product.
2. 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.
3. The Piraseal External Above Ground waterproofing systems must be installed in accordance with AS 4654.2-2012 and with the relevant Technical Data Sheets. Refer A5 Installation requirements.
4. 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.

PIRASEAL CB

Substrates:

- Piraseal CB is suitable for concrete, render, screeds, block work, fibre cement sheeting, wet area grade plasterboard, PAA certified structural and marine plywood and lightweight structural fibre cement.
- Contact the Certificate Holder for other substrates as they fall outside the scope of this certification

Building classification/s:

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


Glen Gugliotti – CMI



Don Grehan – Unrestricted Building Certifier

Date of issue: 20/08/2025

Date of expiry: 20/08/2028



Certificate of Conformity

Do not apply
PIRASEAL CB:

- 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.

5. PIRASEAL WBP-UV

Substrates:

- PIRASEAL WBP-UV is suitable for concrete, render, screeds, block work, fibre-cement sheeting, wet area grade plasterboard, PPA certified structural and marine plywood and lightweight structural fibre cement sheeting.
- Contact the Certificate Holder for other substrates as they fall outside the scope of this certification

Do not apply

PIRASEAL WBP-UV:

- 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)
- Where the surface temperature is below 10°C or greater than 35°C
- To areas subject to negative hydrostatic pressure or rising damp

6. PIRASEAL WB

Substrates:

- PIRASEAL WB is suitable for concrete, render, screeds, block work, fibre-cement sheeting, wet area grade plasterboard, PPA certified structural and marine plywood and lightweight structural fibre cement sheeting.
- Contact the Certificate Holder for other substrates as they fall outside the scope of this certification.

Do not apply

PIRASEAL WB:

- 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.

7. PIRASEAL WB-FC

Substrates:

- PIRASEAL WB-FC is suitable for concrete, render, screeds, block work, fibre-cement sheeting, wet area grade plasterboard, PPA certified structural and marine plywood and lightweight structural fibre cement sheeting.
- Contact the Certificate Holder for other substrates as they fall outside the scope of this certification.

Do not apply

PIRASEAL WB-FC:

- 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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8. PIRASEAL WTC

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| Substrates: | <ul style="list-style-type: none"> • Piraseal WTC is suitable for application onto masonry or concrete substrates, as well as Piraseal WBP-UV and Piraseal CB waterproofing membrane systems. • Contact the Certificate Holder for other substrates as they fall outside the scope of this certification. |
| Do not apply PIRASEAL WTC: | <ul style="list-style-type: none"> • Over damp, wet or contaminated substrates. • If it is raining or if rain is imminent. • Directly over any existing coatings other than Piraseal WBP-UV and Piraseal-CB. • As a high wear surface for foot or 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. |

9. PIRASEAL SPM-C

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| Substrates: | <ul style="list-style-type: none"> • PIRASEAL SPM-C is suitable for concrete, render, screeds, block work, fibre-cement sheeting, wet area grade plasterboard, PAA certified structural and marine plywood and lightweight structural fibre cement sheeting. • Contact the Certificate Holder for other substrates as they fall outside the scope of this certification. |
| Do not apply PIRASEAL SPM-C: | <ul style="list-style-type: none"> • 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, spas, tanks or ponds. • 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 PIRASEAL SPM-C, an engineered self supporting screed must be installed. |

10. PIRASEAL SPM-UV

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| Substrates: | <ul style="list-style-type: none"> • PIRASEAL SPM-UV is suitable for concrete, render, screeds, block work, fibre-cement sheeting, wet area grade plasterboard, PAA certified structural and marine plywood and lightweight structural fibre cement sheeting. • Contact the Certificate Holder for other substrates as they fall outside the scope of this certification. |
| Do not apply PIRASEAL SPM-UV: | <ul style="list-style-type: none"> • 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 spas, tanks or ponds • 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 over Piraseal SPM-UV, an engineered self supporting screed must be installed. |

11. PIRASEAL 80S

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| Substrates: | <ul style="list-style-type: none"> • PIRASEAL 80S is suitable for concrete, render, screeds, masonry block, steel and PAA certified exterior grade plywood. • Contact the Certificate Holder for other substrates as they fall outside the scope of this certification. |
| Do not apply PIRASEAL 80s: | <ul style="list-style-type: none"> • Over damp, wet or contaminated substrates. • If it is raining or if rain is imminent. |

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- Directly over any existing coatings.
- As an exposed membrane. Piracoat SA-TC must be applied as a top coat.
- In water tanks containing potable water. Use Piraseal 80S PW
- Where the surface temperature greater than 35°C.
- To areas subject to negative hydrostatic pressure or rising damp.

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

PIRASEAL CB	Suitable for concrete, render, screeds, block work, fibre cement sheeting, wet area grade plasterboard, PAA certified structural and marine plywood and lightweight structural fibre cement sheeting.
PIRASEAL WBP-UV	Suitable for concrete, render, screeds, block work, fibre-cement sheeting, wet area grade plasterboard, PPA certified structural and marine plywood and lightweight structural fibre cement sheeting.
PIRASEAL WB	Suitable for concrete, render, screeds, block work, fibre-cement sheeting, wet area grade plasterboard, PPA certified structural and marine plywood and lightweight structural fibre cement sheeting.
PIRASEAL WB-FC	Suitable for concrete, render, screeds, block work, fibre-cement sheeting, wet area grade plasterboard, PPA certified structural and marine plywood and lightweight structural fibre cement sheeting.
PIRASEAL SPM-C	Suitable for concrete, render, screeds, block work, fibre-cement sheeting, wet area grade plasterboard, PAA certified structural and marine plywood and lightweight structural fibre cement sheeting.
PIRASEAL SPM-UV	Suitable for concrete, render, screeds, block work, fibre-cement sheeting, wet area grade plasterboard, PPA certified structural and marine plywood and lightweight fibre cement sheeting.
PIRASEAL 80S	Suitable for concrete, render, screeds, masonry block, steel and PAA certified exterior grade plywood.
PIRASEAL WTC	Suitable for application onto masonry or concrete substrates, as well as Piraseal WBP-UV and Piraseal CB waterproofing membrane systems.

A2 Description of product

PIRASEAL CB	A highly flexible, two-part, rapid drying, cementitious waterproofing membrane, specifically designed for use under ceramic and stone tile finishes in bathrooms, balconies, roofs and some swimming pools. Piraseal CB is to be used in conjunction with Piraseal Elastoband or Piraseal Butyl Tape for maximum performance and ease of application.
PIRASEAL WBP-UV	An elastomeric, one-part, fibre reinforced, water based polyurethane membrane, suitable for waterproofing shower recesses, bathrooms, laundries, decks, balconies and rooftops.
PIRASEAL WB	An elastomeric, fibre reinforced waterproofing membrane based on high performance polymer technology. Designed for a range of undertile waterproofing applications, Piraseal WB offers excellent adhesion and outstanding low vapour transmission properties. Fully compatible with polymer modified cement based tile adhesives, screeds and renders.
PIRASEAL WB-FC	A waterborne, flexible waterproofing membrane, utilising next generation, self-crosslinking technology, which enables the membrane to achieve cured properties rapidly. Piraseal WB-FC is designed for use under tiles in internal and exterior applications.
PIRASEAL SPM-C	A thixotropic, one-part, liquid applied, moisture cured polyurethane waterproofing membrane, suitable for waterproofing most non-exposed applications. Piraseal SPM-C cures to form a seamless, tough, durable, elastomeric waterproofing membrane.
PIRASEAL SPM-UV	A thixotropic, one-part, liquid applied, moisture cured polyurethane waterproofing membrane, suitable for waterproofing most applications. Piraseal SPM-UV cures to form a UV stable, seamless, tough, durable, elastomeric waterproofing membrane.
PIRASEAL 80S	A two component, 100% solids, rapid curing, spray applied, hybrid polyurea, elastomeric waterproofing membrane. Piraseal 80S is comprised of a polyether polyol, amine chain extender and MDI based isocyanate.
PIRASEAL WTC	An elastomeric single part, water based polyurethane membrane which offers a hard wearing and slip resistant finish for external applications. In addition to being a stand-alone waterproofing membrane.

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A3 Product specification

PIRASEAL CB	Meets the requirements of a Class II 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.
PIRASEAL WBP-UV	Meets the requirements of a Class III 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.
PIRASEAL WB	Meets the requirements of a Class II, 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 with a minimum of two coats.
PIRASEAL WB-FC	Meets the requirements of a Class II, 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 with a minimum of two coats.
PIRASEAL SPM-C	Meets the requirements of a Class II 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 with a minimum of two coats.
PIRASEAL SPM-UV	Meets the requirements of a Class II 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 with a minimum of two coats.
PIRASEAL 80S	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.
PIRASEAL WTC	Meets the requirements of a Class II, 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 with a minimum of two coats when used as a standalone membrane, and a thickness of ≥ 0.50 mm with a minimum of two coats when used as a top coat.

A4 Manufacturer and manufacturing plant(s)

This field is optional. Contact Certificate Holder for details.

A5 Installation requirements

The Piraseal 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
PIRASEAL CB	Piraseal CB November 2024
PIRASEAL WBP-UV	Piraseal WBP-UV September 2024
PIRASEAL WB	Piraseal WB August 2024
PIRASEAL WB-FC	Piraseal WB-FC October 2024
PIRASEAL SPM-C	Piraseal SPM-C December 2023
PIRASEAL SPM-UV	Piraseal SPM-UV December 2023
PIRASEAL 80S	Piraseal 80S December 2023
PIRASEAL WTC	Piraseal WTC December 2023

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)&(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. The following reports have been used to show compliance with F1D5 and H2D8
2. BRANZ; IANZ Accreditation No.37, Assessment Report DC13066-005; Bayset Membranes; dated 31/05/2021.
Report provides evidence for compliance for Piraseal 80S.
3. BRANZ; IANZ Accreditation No.37, Assessment Report DC02986-002; Testing of Membrane to the Requirements of AS 4654.1; dated 4/09/2018.
Report provides evidence for compliance for Piraseal CB.
4. BRANZ; IANZ Accreditation No.37, Assessment Report DC11800-012; Testing of Membrane to the Requirements of AS 4654.1; dated 6/01/2020.
Report provides evidence for compliance for Piraseal SPM-C.
5. BRANZ; IANZ Accreditation No.37, Assessment Report DC11800-017; Testing of Membrane to the Requirements of AS 4654.1; dated 15/01/2020.
Report provides evidence for compliance for Piraseal SPM-UV
6. Xtec Gen Laboratories; NATA Accreditation No. 20678; Assessment Report 398-7 AS 4654.1-2012; Assessment of WPA 400 to AS 4654.1-2012; dated 04/04/2025.
Report provides evidence for compliance for Piraseal WB
7. Xtec Gen Laboratories; NATA Accreditation No. 20678; Assessment Report 401-7 AS 4654.1-2012; Assessment of WPA Rapid to AS 4654.1-2012; dated 04/04/2025.
Report provides evidence for compliance for Piraseal WB-FC
8. XtecGen Laboratories, Nata Accreditation No. 20678, Report Number 397-17 AS4654.1-2012 dated 13/3/2025.
Report provides evidence for compliance for Piraseal WBP-UV.
9. BRANZ; IANZ Accreditation No.37, Assessment Report DC11800-026; Testing of Membrane to the Requirements of AS 4654.1; dated 24/02/2020.
Report provides evidence for compliance for Piraseal WTC

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