



Certificate of Conformity

19

Certification Body:



SAI Global Certification Services Pty Limited

(ACN 108 716 669) Trading as "SAI Global"

JAS-ANZ Accreditation No. Z1440295AS

Address: 680 George St, Sydney, NSW 2000

Website: www.saiglobal.com

Certificate Holder:



Wedi Australia Pty Ltd
Level 3, 100 Harris Street,
Pyrmont, NSW 2009, Australia

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Certificate number: CM20134

THIS TO CERTIFY THAT

wedi® Bathroom System

Type and/or use of product:

Floor and wall tile or stone backer board intended for internal use as waterproofing system in wet areas in buildings.

Description of product:

The wedi board has a blue core made from rigid extruded polystyrene (XPS closed cell) foam. The panels are finished with glass fibre on both sides and coated with a polymer-modified cement-as bond surface for ceramic and natural stone tiling. Refer to A2 below for other components of the system.

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)(ii)	Structural reliability	P2.1.1(a) limited to (b)(ii)	Structural stability and resistance
	FP1.7	Wet areas	P2.4.1	Wet areas
Deemed-to-Satisfy Provision(s):	N/A	N/A	N/A	N/A
State or territory variation(s):	SA FP1.8 (a)	Prevention of surface water accumulation	N/A	N/A

SAI Global Certification Services

Frank Camasta
Global Head of Technical Services
SAI Global Assurance

Quintin Kleyn – Unrestricted Building Certifier

Date of issue: 26/08/2021

Date of expiry: 25/08/2024



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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. In Type A and B construction, this product is not suitable for use on external walls, common walls or internal non-loadbearing walls required to be fire resisting.
2. This product does not contribute to an FRL, however may be used on walls where an FRL is required provided that the method of attaching and installing to a building element does not reduce the fire-resistance level of that element to below that required by the BCA.
3. This product must always be tiled over or covered with lining material complying with BCA specification C1.10 – Fire hazard properties.
4. The installation is to be carried out in accordance with AS3740:2010 – Waterproofing of Domestic Wet Areas and the wedi Shower Systems documents listed in Part A5 of this certificate.
5. Particular care and careful considerations are necessary when installing the panels in close proximity to hot water pipes and/or heat-producing appliances to minimise the risk of damage to the panels owing to radiated, convected and/or conducted heat.

Building classification/s:

Volume 1 – Class 2 to Class 9 buildings

Volume 2 – Class 1 and Class 10a buildings

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.

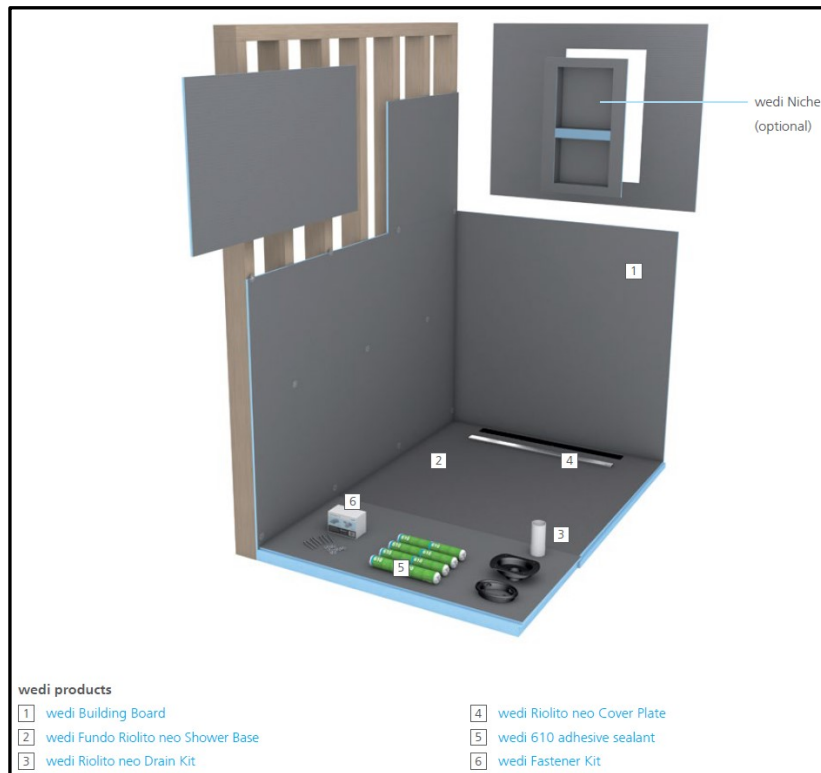
APPENDIX A – PRODUCT TECHNICAL DATA

A1 Type and intended use of product

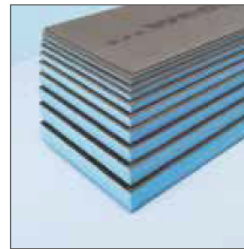
See type and/or use of product on page 1.

A2 Description of product

See description of product on page 1 and the following product descriptions as given in wedi technical datasheets and brochures.



wedi Building Board



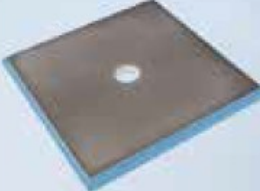
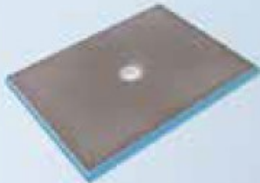

Description	Length x Width x Thickness
wedi Building Board	2500 x 600 x 4 mm
wedi Building Board	2500 x 600 x 50 mm
wedi Building Board	1500 x 900 x 6 mm

wedi Building Board XXL



Description	Width x Length x Thickness
wedi Building Board XXL	1200 x 1200 x 10 mm
wedi Building Board XXL	2500 x 1200 x 10 mm
wedi Building Board XXL	2500 x 1200 x 20 mm
wedi Building Board XXL	2500 x 1200 x 50 mm
wedi Building Board XXL	2600 x 1200 x 12,5 mm

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	Description	Dimensions
	wedi Fundo Primo, square	1020 × 1020 × 40 mm
	wedi Fundo Primo, square	1220 × 1220 × 40 mm
	wedi Fundo Primo, square	1524 × 1524 × 40 mm
	wedi Fundo Primo, rectangular	914 × 1524 × 40 mm
	wedi Fundo Primo, rectangular	914 × 1828 × 40 mm
	wedi Fundo Primo, rectangular	1220 × 1020 × 40 mm
	wedi Fundo Primo, rectangular	1219 × 1524 × 40 mm
	wedi Fundo Primo, rectangular	1219 × 1828 × 40 mm
	wedi Fundo Primo, rectangular	1524 × 1828 × 40 mm
	Description	Dimensions
	wedi Fundo Primo, rectangular	1820 × 920 × 50 mm

A3 Product specification

This certification covers the following wedi Building Board and wedi Fundo Shower Base systems:

- wedi Building Boards (for walls and floors in wet areas).
- wedi Fundo Primo (shower base).

- wedi Fundo Riolito neo / Riolito neo Modular (shower base).
- wedi Fundo Ligno (shower base).

The following products are not covered by this certification:

- wedi Fundo Riolito Discreto.
- wedi subliner Dry Sheet Membrane.
- wedi Sanoasa bench.

For more product specifications refer to wedi ShowerSystem Brochure_2021, Version 5, April 2021.

A4 Manufacturer and manufacturing plant(s)

wedi GmbH, Hollefeldstrabe 51, Emsdetten, 48282, Germany

A5 Installation requirements

1. The Installation is to be carried out in accordance with AS 3740:2010 – Waterproofing of Domestic Wet Areas and the following:
 - a. Building Boards TDS_2021, Version 3, June 2021
 - b. wedi ShowerSpa Technical Brochure_2020, Version 3, September 2020.
 - c. wedi ShowerSystem Brochure_2021, Version 5, April 2021.
 - d. wedi_AU_MA_Primo_2021_rz_SCREEN, Version 1, May 2021.
 - e. wedi_AU_MA_Ligno_2021_rz_SCREEN, Version 1, May 2021.
 - f. wedi_AU_MA_Riolito-neo_2021_rz_SCREEN, Version 1, May 2021.
 - g. wedi SealingConcept Brochure_2021, Version 1, May 2021.
 - h. wedi-eu_sa_wedi-610_v2-tools_td_tds_screen_210x297mm_210520_en, Version 1, May 2021.
2. Sealant used for joints and cut ends must be wedi joint sealant. Refer to wedi SealingConcept Brochure_2021.
3. Other fixing components comprise:
 - a. wedi screws and washers — used as a fixing anchor to walls and floors.
 - b. wedi self-adhesive reinforcing tape — for joints in dry areas.
 - c. wedi dowel fixing — used to fix the board to surfaces unable to bond with adhesive or to supplement adhesive fixing.

A6 Other relevant technical data

- **SGS U.S. Testing Company Inc., Testing per ASTM E 331 modified to the pressure and duration parameters noted in AC71, Test Report No: 48148 (dated 12 May 2004).**
This report provides test results of a 12mm thick three-panel wedi backerboard wall assembly and joint sealing when tested to Sections 3.1 – Water Resistance, 3.2-Joint-sealing Treatment, 3.4-Water Penetration, and 3.5-Weathering, and concludes that the product complied with the requirements.

APPENDIX B – EVALUATION STATEMENTS

B1 Evaluation methods

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

1. **Structural assessment:**
 - Volumes 1 & 2 – A2.2(2)(a) / A5.2(1)(d) – A report issued by an accredited testing laboratory (James Cook University – Cyclone Testing Station).
 - Volumes 1 & 2 – A2.2(2)(a) / A5.2(1)(e) – A certificate or report from a professional engineer or other appropriately qualified person (Ian Bennie and Associates).
2. **Waterproofing assessment:**
 - Volumes 1 & 2 – A2.2(2)(a) / A5.2(1)(e) – A certificate or report from a professional engineer or other appropriately qualified person (Ian Bennie and Associates).

B2 Reports

Evaluation methods	Related Supporting Evidence as listed below
Structural Assessment	Numbers 1 & 2
Waterproofing Assessment	Number 3

Structural

1. **Ian Bennie and Associates, wedi Shower System – Dynamic Impact Test by the Method of NCC Volume 1 C1.8 Paragraph 5(c), Test Report No. 2018-043-S2 (dated 19 July 2018).**
This report provides the results of testing a 10mm thick wedi board fixed to stud frame with intermediate noggings when tested in accordance with the impact sandbag drop test method outlined in NCC Volume 1 Spec C1.8 Paragraph 5(c).
2. **James Cook University, Static Simulated Distributed Load Strength testing of wedi Shower Base, Report No: TS1088 (dated: 31 October 2017) – Cyclone Testing Station, NATA approved Laboratory No: 14937.**
This report provides the results of testing a wedi pre-sloped shower base to the requirements of AS/NZS 1170.1:2002 for uniformly distributed loads and determined the product was capable of withstanding a load in excess of 5kPa.
The level of resistance to concentrated loads will depend on the size and strength of the tiles used to cover the panels.

Waterproofing

3. **Ian Bennie and Associates, wedi Shower System – Test to IAPMO PS 106-2015 Section 5.1, Test Report No. 2018-043-S1 (dated 21 July 2018).**
This report provides the test results of wedi shower system sample comprising of a shower base and two corner walls (10mm thick) in accordance with IAPMO PS 106-2015 Section 5.1 for water penetration and determines that no cracks or damage were evident during the test, and no water leakage through the wall/floor joints were observed.