



# Certificate of Conformity

Certificate number: CM20134

**Certification Body:**



SAI Global Certification Services Pty Limited  
(ACN 108 716 669) Trading as "SAI Global"

JAS-ANZ Accreditation No. Z1440295AS

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**Certificate Holder:**



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**THIS TO CERTIFY THAT**

## wedi® Fundo Shower System

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

Floor and wall panels intended for internal use as waterproofing system in wet areas in buildings.

**Description of product:**

Rigid extruded polystyrene (closed cell) foam core panels finished on both sides with a cement-based resin surface and reinforcing glassfibre mesh 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 2016 Amdt 1**

Performance Requirement(s)	Volume One		Volume Two	
	N/A	N/A	N/A	N/A
Deemed-to-Satisfy Provision(s):	F1.7	Waterproofing of wet areas in buildings	3.8.1.2	Wet Areas
State or territory variation(s):	SA F1.7 (a)	Waterproofing of wet areas in buildings	SA Table 3.8.1.1	SA Table 3.8.1.1 Waterproofing and water resistance requirements for building elements in wet areas

Kevin Goodwin  
General Manager Technical Services  
SAI Global Assurance

Brian Cameron – Unrestricted Building Certifier

Date of issue: 29/08/2018

Date of expiry: 29/08/2021



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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. The following products are not covered by this certification:
  - a. wedi Fundo Riolito Discreto
  - b. wedi subliner Dry Sheet Membrane
  - c. wedi Sanoasa bench
2. The Installation is carried out in accordance with AS 3740 (2010) Waterproofing of Domestic Wet Areas.
3. 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.
4. Recessed lighting must not be used.
5. The product has not be assessed for use in saunas.
6. Each product must be used for its intended purpose.

**Building classification/s:**

**Volume 1 – Class 2 to Class 9 buildings**

**Volume 2 – Class 1 and Class 10 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](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.

**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 the technical datasheets:

- wedi Fundo Primo – Pre-sloped shower floor base with factory integrated and waterproofed point drain connection. Refer to the technical datasheet for more information.
- wedi wall panels ranging in size and thickness.
- wedi joint sealant – Elastic waterproof adhesive for wedi floor and wall panels.
- Other fixing components comprise:
  - Wedi screws and washers — used as a fixing anchor to walls and floors
  - Wedi self-adhesive reinforcing tape — for joints in dry areas
  - Wedi dowel fixing — used to fix the board to surfaces unable to bond with adhesive or to supplement adhesive fixing

### A3 Product specification

The floor panels were tested for static uniformly distributed load of 5.34 kPa with no observable damage or deformation after 15 minutes.

The level of resistance to concentrated loads will depend on the size and strength of the tiles used to cover the panels.

For more product specifications refer to wedi Building Panel Technical Data Sheet – Version 1 dated August 2018.

Some tested product characteristics by SGS US Testing, Los Angeles Facility (tracking number 36956) include:

- Hydrostatic pressure (to ASTM D 4068)
- Shear bond – dry test
- Transverse loads
- Flatwise tensile strength (to ASTM C 297)
- Freeze-Thaw cycling
- Fungus & micro-organism resistance (to ASTM G 21)
- Weathering test

### A4 Manufacturer and manufacturing plant(s)

wedi GmbH, Hollefeldstrabe 51, Emsdetten, 48282, Germany

## **A5 Installation requirements**

1. The installation must be in accordance with wedi Fundo Shower Systems Installation Manual – Version 1 dated August 2018 and the wedi Broschuere, Shower & Spa Systems – Version 1 dated November 2017.
2. Sealant used for joints and cut ends must be wedi joint sealant – wedi Joint Sealant, Technical datasheet – Version 1 dated June 2015.

## **A6 Other relevant technical data**

1. Dynamic Impact Test on a 10mm wedi board fixed to a stud frame with an intermediate noggling when tested in accordance with the impact requirements method outlined in NCC Volume 1 Spec C1.8 Paragraph 5(c). – Ian Bennie & Associates Pty Ltd
2. 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.
3. Agrément Certificate number 00/3675 for assessment of wedi building panels – British Board of Agrément (BBA), UKAS accredited certification body – Accreditation Number 113.

## APPENDIX B – EVALUATION STATEMENTS

### B1 Evaluation methods

The system has been assessed as complying with the identified Performance Requirements of the BCA 2016 Amendment 1. This involved a review of product specifications, test reports, installation manuals, and associated documentation.

1. Waterproofing properties assessment – BCA Vol 1, A05(a)/A2.2(a)(v) and BCA Vol 2, 1.0.5(a)/1.2.2(a)(iii) – Report from an appropriately qualified person.

### B2 Reports

1. Evaluation of wedi Shower System (floor wall panels assembly and joint sealing) for waterproofness – Test Report No: 2018-043-S1, (dated: 21 July 2018) – Ian Bennie & Associates Pty Ltd.  
*This report provides the test results for waterproofness on a 10mm wedi Shower System when tested in accordance with the requirements of IAPMO PS 106-2015 Section 5.1.*
2. Evaluation of wedi “Riolto Field Fabricated Shower Pan” for waterproofness – Test Report No: TJ1202-2 (dated: 3 April 2013) – QAI Laboratories.  
*This report provides the test results for waterproofness when tested to meet the requirements of IAPMO PS 46-10 (Material and Property Standard for field fabricated Tiling Kits).*
3. Evaluation of wedi Corporation “Fundo Shower Kit” for waterproofness – Test Report No: TJ1202-1 (dated: 3 April 2013) – QAI Laboratories.  
*This report provides the test results for waterproofness when tested to meet the requirements of IAPMO PS 46-10 (Material and Property Standard for field fabricated Tiling Kits).*
4. Testing of water resistance and water penetration of wedi wall panels assembly and joint sealing, Report No. 48148 (dated 12 May 2004) – SGS U.S. Testing Company Inc.  
*This report provides test results for water resistance and water penetration of a three panel wall assembly and joint sealing performed to ASTM E 331 modified to the pressure and duration parameters noted in AC71.*