

PRODUCT CERTIFICATE

wedi Waterproofing System

Date of issue: 30 October 2020

Renewal Date: 7 May 2022

1 CERTIFICATE HOLDER DETAILS

wedi Australia Pty Ltd

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2 PRODUCT CERTIFICATION BODY



SAI Global Certification Services Pty Limited

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

JAS-ANZ Accreditation No. Z1440295AS

680 George St, Sydney, NSW 2000

www.saiglobal.com

KEY INFORMATION

3 SUMMARY OF DESCRIPTION OF BUILDING METHOD OR PRODUCT

The wedi Waterproofing System comprises wedi Building Panel and wedi Fundo Shower Base system. Comprising rigid extruded polystyrene foam, finished on both sides with a polymer-modified mortar facing, reinforced with a glassfibre mesh fabric.

Continuation of description can be found in item 9. Supporting Information about Description of Building Product or Method.

Matters that should be taken into account in the use or application of the building method or product can be found in item 6. Conditions and Limitations of Use.

Catalogue or model identification numbers: Refer to item 9 for detailed identification information.

4 SUMMARY OF INTENDED USE OF BUILDING METHOD OR PRODUCT

wedi Building Panels and wedi Fundo Shower Base system are intended for use in internal wet areas of buildings as a waterproof substrate.

Continuation of intended use can be found in item 10. Supporting Information about Intended use of Building Product or Method.

5 BUILDING CODE PROVISIONS — New Zealand Building Code (NZBC)

B1 Structure — B1.3.1, B1.3.2, B1.3.3(a, b, j), B1.3.4

B2 Durability — B2.3.1(a), B2.3.2

E3 Internal Moisture — E3.3.1, E3.3.6

F2 Hazardous Building materials — F2.3.1

If designed, used, installed & maintained in accordance with the scope of this Certificate, the above-mentioned product will meet the following provisions of the NZBC.

How the building method or product complies or contributes can be found in item 12. Basis for Certification.

Any qualifications on the extent of that compliance can be found in item 6. Conditions and Limitations of Use.

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6 CONDITIONS AND LIMITATIONS OF USE

1. The wedi Waterproofing System must be installed in accordance with the manufacturers technical datasheets and installation instructions. Note in particular; substrates including, but not limited to: luan plywood, asbestos, plank, bamboo, hardwood, chipboard, Sponge backed vinyl tile /Flooring, laminates, fiberglass-based surfaces, metal or steel surfaces are not a suitable substrate for the wedi Fundo shower base.
2. Where wedi Building Panel is fixed to a framed wall structure, the panel thickness must be at least 10mm for framing up to 450mm, and 20mm board for framing between 450mm to 600mm. All vertical board edges must be fully supported.
3. The product has not been assessed for use in saunas.

NOTE: Together, items 3, 4, 5 and 6 define scope of use.

Reference Documents: (Contact certificate holder to obtain a copy)

1. wedi Building Panel Technical data sheet (September 2018 version 2).
2. wedi Fundo Primo Technical datasheet (May 2015).
3. wedi Joint Sealant Technical datasheet (June 2015 Version 1).
4. wedi Shower and Spa Systems brochure (November 2017 version 1).
5. wedi Fundo Shower Systems Installation Manual (August 2018 Version 1) – Installation instructions for range of wedi Fundo shower bases.
6. wedi Fundo Primo Installation Manual (November 2017 Version 1) – Installation instructions for Fundo Primo shower bases.

7 HEALTH AND SAFETY INFORMATION

1. wedi Building Panel Safety Data Sheet 10 October 2014 (Version 7) – No hazards to health identified for product installed.
2. wedi Fundo Panel Safety Data Sheet 10 October 2014 (Version 6) – No hazards to health identified for product installed.

8 SIGNATURES

Name and Signature of the Product Certification Body's (PCB) authorised representative and, where different, the person assigned by the PCB to make the certification decision



Heather Mahon
Global Head of Technical Services
SAI Global Assurance

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SCHEDULE: INFORMATION THAT SUPPORTS KEY INFORMATION

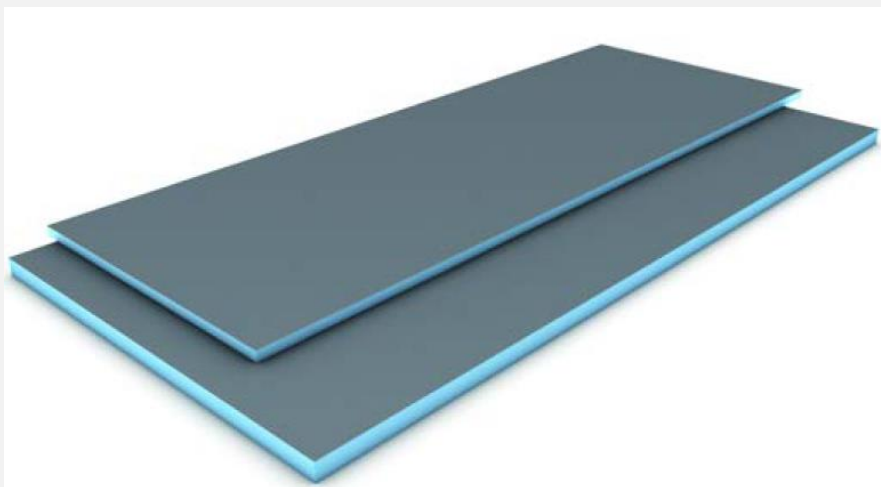
9 SUPPORTING INFORMATION ABOUT DESCRIPTION

wedi Building Panel is a range of boards comprising rigid extruded polystyrene foam, finished on both sides with a polymer-modified mortar facing, reinforced with a glassfibre mesh fabric. It is manufactured in sheets from 4mm to 50 mm thick, from 1250mm to 2500mm long, and from 600mm to 1200mm wide.

wedi Fundo Shower base system is a pre-formed shower base of the same system. It is manufactured with a preformed drainage slope, in sheets from 20mm to 50mm thick, from 900mm to 1830mm long, and from 900mm to 1830mm wide.

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

- a. wedi Building Panels (for walls and floors in wet areas).
- b. wedi Fundo Primo (shower base).
- c. wedi Fundo Riolito neo / Riolito neo Modular (shower base).
- d. wedi Fundo Ligno (shower base).



The components are detailed in the manufacturer's technical literature (wedi Fundo Shower Systems Installation Manual dated August 2018 version 1), and consist of:

- wedi Building Panel – ranging in sizes & thickness.
- wedi Fundo Shower System – Pre-Sloped shower floor base with factory integrated and waterproofed drain connection. For more information, refer to technical datasheets:
 - wedi Building Panel Technical data sheet (September 2018 Version 2), and
 - wedi Fundo Primo Technical datasheet (May 2015) for more information.



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- wedi joint sealant.
- wedi reinforcing tape — for joints in dry areas.
- wedi self-adhesive reinforcing tape — for joints in dry areas.
- Other fixing components comprise:
 - wedi screws and washers — used as a fixing anchor to walls and floors.
 - wedi dowel fixing — used to fix the board to surfaces unable to bond with adhesive or to supplement adhesive fixing.

10 SUPPORTING INFORMATION ABOUT INTENDED USE

Refer to Section 4 above and the following:

1. 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.
2. Recessed lighting must not be used.

11 SUPPORTING INFORMATION ABOUT CONDITIONS AND LIMITATIONS OF USE

All conditions and limitations are as stated above in item 6. Conditions and Limitations of Use.

12 BASIS FOR CERTIFICATION

1. **Structure** — by testing and comparison with provisions of Verification Method B1/VM1 — assessment of static and soft body tests assessed by Ian Bennie and Associates test reports no.2018-043-s1 and no.2018-043-s2, which establish resistance to point and impact loads.
2. **Durability** — by testing and comparison with provisions of Verification Method B2/VM1 — assessment by BBA that the products when installed in accordance with the manufacturer's instructions should have a life equal to that of the structure to which they are installed.
3. **Internal moisture** — by testing and comparison with Acceptable Solution E3/AS1 — Resistance to the passage of water in wet areas, including showers, established by Ian Bennie and Associates test reports no.2018-043-s1, tests for compliance with IAPMO PS 46-10 (Material and Property Standard for Field Fabricated Tiling Kits) (QAI Laboratories test reports TJ1202-1 and TJ1202-2, and by assessments and certifications by BBA (BBA Agrément Certificate 00/3675), ETA (European Technical Approval ETA-13/0385) and ICC (ICC-ES Report PMG-1189).
4. **Hazardous building materials** — by analysis and comparison with the Performance Requirements of F2.3.1 — safety datasheets for the system components identify no hazards to health identified for the installed components of the system.

13 SUPPORTING DOCUMENTATION FOR CERTIFICATION

- **Building regulations 1992 (SR 1992/150)** — Reprinted as at 1 January 2017.
- **Acceptable Solutions and Verification Methods for New Zealand Building Code:**
 - a. **Clause B1 Structure** — B1/VM1, Amendment 19 (28 November 2019).



The certificate holder must maintain compliance with the conditions set out in section 15 of the Building (Product Certification) Regulations 2008. This certificate is issued by SAI Global, an independent certification body accredited by the product certification accreditation body appointed by the Chief Executive of Ministry Business, Innovation and Employment (MBIE) under the Building Act 2004. MBIE does not in any way warrant, guarantee or represent that the building method or product, the subject of this certificate conforms with the New Zealand Building Code, nor accept any liability arising out of the use of the building method or product. MBIE disclaims 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 building method(s) or product(s) referred to in this certificate. This certificate may only be reproduced in its entirety. It is advised to check that this certificate is currently valid and not withdrawn or suspended by referring to the Register of Product Certificates on the Building Performance website <http://www.building.govt.nz>. Information regarding SAI Global's complaints process can be found at the following link: [Complaints Process](#).
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- b. **Clause B2 Durability** – B2/VM1, Amendment 12 (28 November 2019).
- c. **Clause E3 Internal Moisture** – E3/AS1, Amendment 6 (1 January 2017).
- d. **Clause F2 Hazardous building materials** – F2/VM1, Amendment 3 (1 January 2017).

1. IAN BENNIE AND ASSOCIATES TEST REPORT No. 2018-043-S1

Test Report – wedi shower system IAPMO PS 106-2015 Section 5.1 July 2018/2012 Applied loads to base, and water spray test.

2. IAN BENNIE AND ASSOCIATES TEST REPORT No.2018-043-S2

Test Report – wedi Shower System – Dynamic Impact Test by the method of NCC VOLUME 1 SPEC C1.8 Paragraph 5(C) Soft body dynamic impact test - Result: passed without damage.

3. BBA Agrément Certificate 00/3675 Wedi boards 1 August 2014 – Satisfies the requirements of the Building Regulations England and Wales, Scotland, and Northern Ireland.

4. European Technical Approval ETA-13/0385 12 June 2013 Assessed to ETAG 022 Watertight covering kits for wet room floor and/or walls” Part 3 “Kits based on inherently watertight boards”. The requirements satisfied.

5. QAI Laboratories test report TJ1202-1 April 3 2013 Evaluation of Wedi Corporation Fundo Shower Kit for compliance with IAPMO PS 46-10 (Material and Property Standard for Field Fabricated Tiling Kits). Complies with the requirements.

6. QAI Laboratories test report TJ1202-2 April 3 2013 Evaluation of Wedi Corporation Riolto Shower Kit for compliance with IAPMO PS 46-10 (Material and Property Standard for Field Fabricated Tiling Kits). Complies with the requirements.

7. ICC-ES Report PMG-1189 Wedi Fundo Shower system and tile backer board underlayments (May 2016). Certification by ICC that the product complies with ICC plumbing and residential building codes.

8. wedi Building Panel Safety Data Sheet 10 October 2014 No hazards to health identified for product installed.

9. wedi Fundo Panel Safety Data Sheet 10 October 2014 No hazards to health identified for product installed.

14 CONDITIONS RELATING TO NOTIFICATION

(a) the certificate holder notifies the product certification body in writing of any intended change to any of the following particulars:

- (i) the name, address, or contact details of the certificate holder:
- (ii) any address of a location where a certified product is produced or manufactured:

(b) the certificate holder notifies the product certification body in writing of any intended change, modification, or alteration to any of the following:

- (i) the certified building method or product:
- (ii) the method of its production or manufacture:
- (iii) the product quality plan prepared in respect of the certified building method or product:
- (iv) the application or installation instructions for the certified building method or product:
- (v) any documentation relating to the use and maintenance of the certified building method or product:

(c) if the certificate holder has any reason to suspect that the certified building method or product does not comply with the Building Code, the certificate holder notifies the product certification body in writing of the reason for that suspicion:



The certificate holder must maintain compliance with the conditions set out in section 15 of the Building (Product Certification) Regulations 2008.

This certificate is issued by SAI Global, an independent certification body accredited by the product certification accreditation body appointed by the Chief Executive of Ministry Business, Innovation and Employment (MBIE) under the Building Act 2004. MBIE does not in any way warrant, guarantee or represent that the building method or product, the subject of this certificate conforms with the New Zealand Building Code, nor accept any liability arising out of the use of the building method or product. MBIE disclaims 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 building method(s) or product(s) referred to in this certificate.

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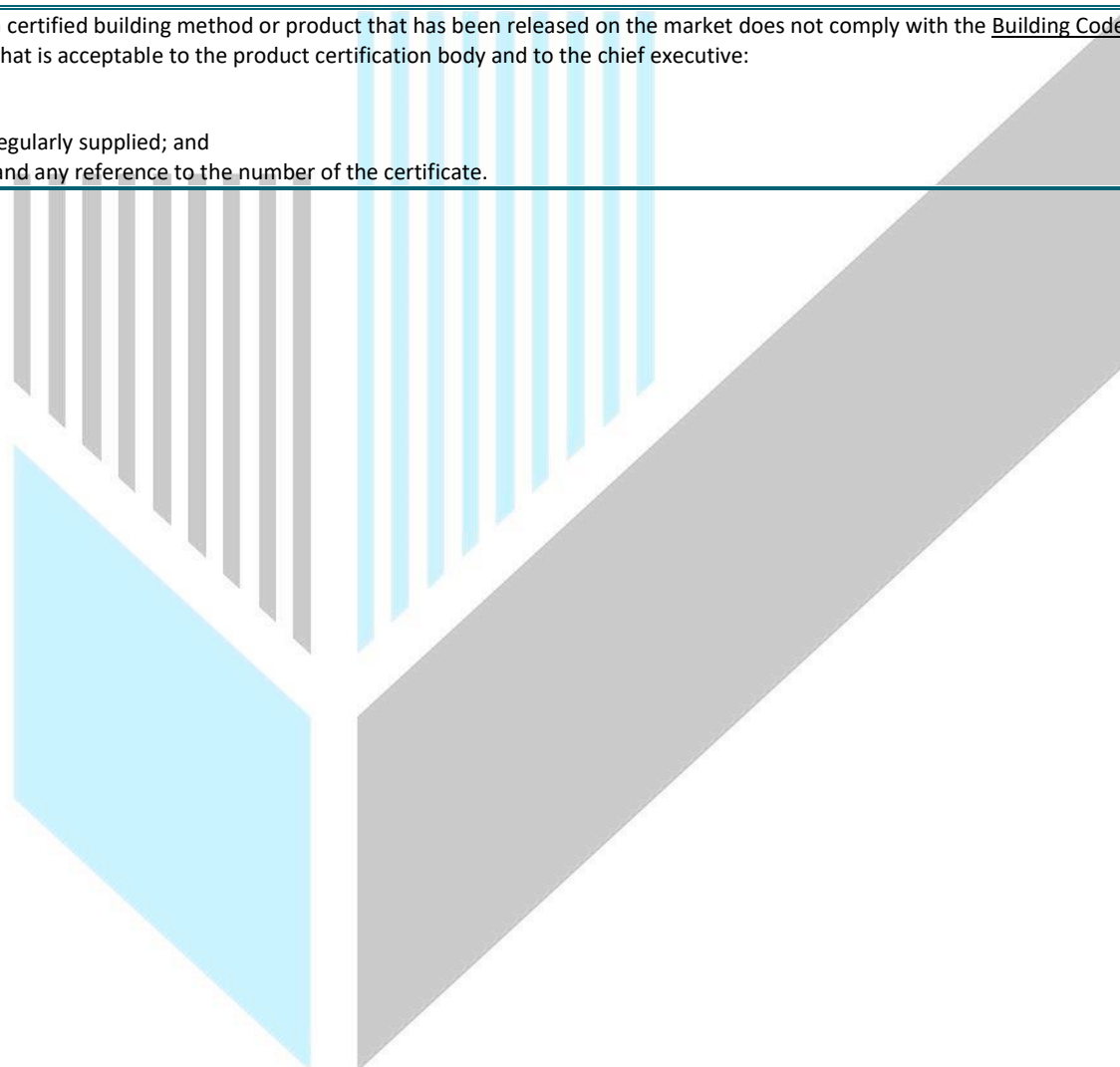
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(d) if the certificate holder or the product certification body finds that a certified building method or product that has been released on the market does not comply with the Building Code, the certificate holder discloses that fact in disclosure statements published in a form that is acceptable to the product certification body and to the chief executive:

(e) if the certificate is suspended or revoked, the certificate holder—

- (i) notifies all customers to whom the building method or product is regularly supplied; and
- (ii) immediately ceases using the certificate, the mark of conformity, and any reference to the number of the certificate.



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