

Certification Body:



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Certificate Holder:



Monsoon Australia Pty Ltd
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1/10 Albemarle Street
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Australia
<https://monsoonaustralia.com.au/>

Certificate number: CM40379

THIS IS TO CERTIFY THAT

Monsoon Australia Waterproofing System

Type and/or use of product:

A system for use in residential and commercial wet areas where waterproofing is required.

Description of product:

A XPS closed cell and CFC certified free core foam board, layered with a fiberglass mesh weave front and back and then a modified Cementous layer on the front and back. Comes in either wall sheets or pre-formed shower bases with in-built fall towards the drain, See A2.

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

BCA 2022

	Volume One	Volume Two
Performance Requirement(s):		
	F2P1 Wet area overflows – Contributes to	H4P1 Wet areas – Contributes to
	F2P2 Wet areas – Contributes to - <i>Subject to Limitation and condition 7.</i>	
Deemed-to-Satisfy Provision(s):	Not Applicable	Not Applicable
State or territory variation(s):	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:

- All Monsoon shower based must be supported on an appropriate structural substrate, which is compatible with cementitious tile adhesives. Shower bases must not be installed directly onto floor joists without structural sheeting.
- Water stops must be installed in accordance with the provisions of AS 3740:2021.
- Leak control flanges must be installed in accordance with local plumbing requirements and regulations.
- Monsoon shower bases are not suitable for the subsequent installation of resilient flooring products such as Vinyl flooring. Subsequent coverings are limited to hard floor coverings such as ceramic tiles and stone, in accordance with AS 3958:2023
- Installation of Monsoon Australia Waterproofing System must be in strict accordance with the [Monsoon Australia installation Guide Aug. 24.](#)
- This certificate is limited to the details within this certificate including the above compliance elements, product description, purpose or use.
- Other than the items and information listed, the remainder of the information contained in the product's literature is outside the scope of this certification.

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: 27/09/2024

Date of expiry: 27/09/2027





Certificate of Conformity

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

As per page 1

A2 Description of product

Monsoon Board is made waterproof XPS foam CFC free core. reinforced with fiberglass mesh on both sides coated with a modified polymer mortar at multiple thicknesses and sizes that provide excellent insulation, superior strength and bonding surface for tile, stone, glass and mosaic shower and bathroom systems and comes in the following sizes:

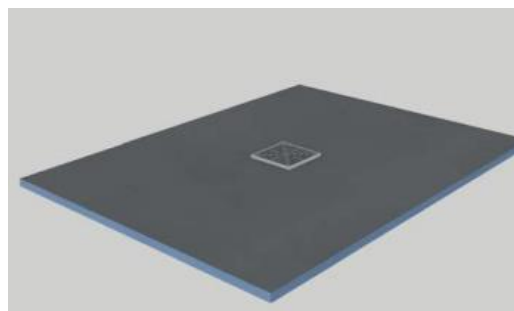
Monsoon Board

Thickness (mm)	Width x Length (mm)
6	600 x 1200
10	600 x 1200/2500
12	600 x 1200/2500
20	600 x 1200/2500
30	600 x 1200/2500
40	600 x 1200/2500
50	600 x 1200/2500
80	600 x 1200/2500



Monsoon Shower Trays

Size (mm)	Thickness (mm)	The following Product Names come in the following sizes:
800 x 800	20/25/30/40	Monsoon H80 Shower Tray
900 x 900	20/25/30/40	Monsoon H77 Linear Shower Tray
1000 x 1000	20/25/30/40	Monsoon H77 Off-centre Shower Tray
800 x 1200	20/25/30/40	Monsoon H100 Shower Tray
900 x 1200	20/25/30/40	Monsoon H88 Shower Tray
1000 x 1200	20/25/30/40	
1200 x 1200	20/25/30/40	
900 x 1500	20/25/30/40	
800 x 1500	20/25/30/40	



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A3 Product specification

The Monsoon Australia Waterproofing System includes the following products which must be installed in accordance with the requirements outlined in A5 Installation requirements and subject to the limitations and conditions of this Certificate of Conformity.

- Monsoon Building Boards.
- Monsoon Shower trays.
- Monsoon leak control flanges and drains.
- Monsoon reinforcing tape.
- Monsoon SLS sealant.
- Monsoon washers.
- Monsoon internal corner seals.
- Monsoon shower outlet seals.

Expert Opinion

Based on technical data, the proposed installation instructions for the products and several reports of testing carried out by independent testing facilities detailed below, it is concluded that the System will meet or contribute to the NCC 2022 Performance Requirements (PR) F2P1, F2P2 & H4P1, provided the system is installed in accordance with the published installation instructions and the product conditions and limitations listed on this certificate.

Load and Water Spray: Monsoon Australia Waterproofing System has passed Load and Water Spray Testing in accordance with IAPMO PS 106-2015 Tileable Shower Receptors and Shower Kits.

Source: Ian Bennie & Associates, NATA Accreditation No.1231, Report No. 2023-042-S1; Dated 4/05/2023. Testing to IAPMO PS 106-2015 Section 5.1.

Tensile Adhesion Strength: Monsoon Australia Waterproofing System complies with the requirements of AS ISO 13007.2-2013, 4.4.4.2 Tensile Adhesion Strength

Source: CETEC Pty Ltd, NATA Accreditation No.1356, Report No. P24050081, AS ISO 13007.2-2013, 4.4.4.2 Tensile adhesion strength dated 28/06/2024

Source: Australian Tiling and Waterproofing Consultants Pty Ltd, Report 01 September 2024



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A4 Manufacturer and manufacturing plant(s)

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

A5 Installation requirements

The Installation must be in strict accordance with the [Monsoon Australia installation Guide Aug_24](#).

A6 Other relevant technical data

Material Properties

Thermal conductivity and thermal resistance

Thermal conductivity	0.028 W/(m·K)
Thermal resistance	1.878 (m ² ·K)/W

Compression strength

Individual Mean value	402 kPa
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Bending strength

12mm thickness Bending strength	4968 kPa
20mm thickness specimen Bending strength	4469 kPa
30mm thickness specimen Bending strength	1829 kPa

Water Absorption

Long term water absorption by partial immersion	Long term water absorption	0.083 kg/m ²
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Source: SGS-CSTC Standards Technical Services (Shanghai) Co., Report No. SHCCM150903026; Dated 30/10/2015

CFC/HCFC Free Testing in accordance with US EPA 5021A-2003

Testing shows that CFC & HCFC was "Not Detected" (ND) based on a Method Detection Limit (MDL) of < 0.0001%.

Source: SGS-CSTC Standards Technical Services (Shanghai) Co., Report No. SHAMLC1608702701; Dated 9/5/2016

APPENDIX B – EVALUATION STATEMENTS

B1 Evaluation methods

1. Wet area provisions, A5G3(1)(d)&(e). Reports from Accredited Testing Laboratories and a professional engineer.

B2 Reports

1. Australian Tiling and Waterproofing Consultants Pty Ltd, Report “Assessment of Monsoon wet area waterproofing system (01 September 2024)” ; Dated 01/09/2024. This report outlines the compliance of the Monsoon wet area waterproofing system to F2P1, F2P2 and H1P1. Based on the following test reports
 - a. Ian Bennie & Associates, NATA Accreditation No.1231, Report No. 2023-042-S1; Dated 4/05/2023. Testing to IAMPO PS 106-2015 Section 5.1 Load and Water Spray Test.
 - b. SGS-CSTC Standards Technical Services (Shanghai) Co., Report No. SHCCM150903026; Dated 30/10/2015.
 - c. CETEC Pty Ltd, NATA Accreditation No.1356, Report No. P24050081, AS ISO 13007.2-2013, 4.4.4.2 Tensile adhesion strength; Dated 28/06/2024 [Expiry 28/06/2027].

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