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Certificate Holder:



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Certificate number: CM40363 Rev2

THIS IS TO CERTIFY THAT

SIPS Floor Panel

Type and/or use of product:

Structural Floor Panel.

Description of product:

A composite panel consisting of an insulating layer of Expanded Polystyrene (EPS) (FR) core between two layers of Orientated Strand Board (OSB3) structural board. The panel is 175mm thick.

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

BCA 2022

Volume One

Performance Requirement(s): Not applicable

Deemed-to-Satisfy Provision(s): Not applicable

State or territory variation(s): Not applicable

Volume Two

H1P1(1), (2)(a)(b)(c), & (3) Structural Reliability and Resistance

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:

1. Installation of the 175mm panel for flooring applications must be in accordance with [SIPS Industries Installation Guide Version 2, September 2024](#) and [SIPS Industries Panel Specifications Version 2, September 2024](#).
2. This product is limited to residential construction only.
3. For the purpose of NCC compliance assessment, this product has been considered to be a Bonded Laminated Material.
4. This product has not been tested to AS 1530.1-1994 and cannot be considered a non-combustible product.
5. The design of footings and joinery are designed and engineered separately as per project requirements by building designers and engineers and is therefore outside the scope of this Certificate of Conformity.
6. It is the responsibility of the building designer to ensure this product is fit for purpose and approved for use with the other proposed components of the building.
7. Subfloor ventilation and clearance must be provided in accordance with Part 6.2 Subfloor ventilation of the ABCB Housing Provisions.
8. 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.

Building classification/s:

Class 1



Richard Donarski - CMI



Don Grehan – Unrestricted Building Certifier

Date of issue: 30/09/2024

Date of expiry: 14/12/2025





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

SIPs Industries panels are faced on both sides with 11mm Oriented Strand Board (OSB3) pressed and glued to SL Grade EPS (FR).

Properties	Floor Panels
OSB3:	11mm x 2
EPS Thickness:	153mm
Thickness:	175mm
Width:	Up to max panel width of 1200mm
Length:	Up to max panel length of 6000mm

A3 Product specification

Structure General Domestic – 1.5kPa 175mm thick floor panel:

Joining Spline	Spline Spacing	Single Span	Continuous Span	Self Weight
1/ 150x63 LVL 15	1200mm	2400mm	2700mm	27kg/m ²

Permanent Loading: G: Self weight + 40kg/m² + 0.6kPa of live loading, live load Q:1.5kPa or 1.8kN point live load.

A4 Manufacturer and manufacturing plant(s)

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

A5 Installation requirements

Installation of the SIPs Floor Panel must be in accordance with [SIPS Industries Installation Guide Version 2, September 2024](#) and [SIPS Industries Panel Specifications Version 2, September 2024](#).

In wet areas, the SIPs panels are to be protected by a membrane sealing system in accordance with AS 3740-2010.

Other relevant documents include:

- [SIPS Industries Electrical and Plumbing Guide – Version 1 18/11/2022](#)
- [SIPS Industries Typical Details – Version 1, Rev E](#)

A6 Other relevant technical data

No other relevant technical data.

APPENDIX B – EVALUATION STATEMENTS

B1 Evaluation methods

1. Structural Provisions A5G3(1)(e). Reports from a professional engineer.

B2 Reports

1. Engenuity Engineering; Project Number 9110; Structural Certificate for Floors; Rev 4; 12/08/2024; Provides Compliance with H1P1(1), (2)(a),(b),(c)&(3).
2. Engenuity Engineering; Project Number 2788; Structural Certificate for Fixings; Rev 5; Dated 05/09/2024; Provides Compliance with H1P1 (1), (2)(a),(b),(c)&(3).

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