



Certificate of Conformity

Certification Body:



**BUREAU
VERITAS**

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Certificate Holder:



The Sustainable Alternative

ModWood Technologies Pty Ltd
5 Jessica Road, Campbellfield,
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Ph: +61 3 9357 8866
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Certificate number: CM70175 Rev1

THIS IS TO CERTIFY THAT

ModWood Decking

Type and/or use of product:

ModWood Decking is intended for use as decking board.

Description of product:

ModWood Decking is a wood/plastic composite board in a range of widths and thicknesses (Refer to section A3 below)

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

BCA 2022 Amdt.2

Performance Requirement(s)

Volume One

B1P1(1), limited to (2)(b) &(o) subject to conditions and limitations

Structural reliability

Volume Two

H1P1(1), limited to (2)(a)(b) &(o)

Structural stability and resistance

G5P1

Bushfire resistance

H7P5

Buildings in bushfire prone areas

Deemed-to-Satisfy Provision(s):

C2D11(1)(a) including S7C3(a)

Fire hazard properties - Floor linings and floor coverings

N/A

D3D11(3)

Pedestrian ramps

D3D14(e)

Goings and risers

D3D15(a)

Landings

State or territory variation(s):

NSW C2D11(1)(a)

Fire hazard properties - Floor linings and floor coverings

TAS H7P5

Buildings in bushfire prone areas

NSW G5P1

Bushfire resistance

QLD G5P1

TAS G5P1

VIC G5P1

Sam Guindi – Product Certification Manager
Bureau Veritas Australia Pty Ltd

Harley Parkes - Unrestricted Building Certifier
Jensen Hughes Pty Ltd

Date of issue: 31 July 2025

Revalidated: 15 April 2026

Date of expiry: 31 July 2028



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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. ModWood Decking shall be installed in accordance with the ModWood - Fixing Decking Instructions, dated September 2021.
2. ModWood Decking is certified for use under maximum design loads detailed within the span table provided by TGA Engineers, dated 28 April 2025. The following models have been assessed for design loads:
 - a) Natural Grain Decking (NGC)
 - b) Flame Shield[®]
 - c) XTREME GUARD[®] (XTG)
 - d) Marina
3. Only ModWood XTREME GUARD[®] (XTG) and Natural Grain Decking (NGC) range of products were tested for fire hazard properties for flooring materials in accordance with AS ISO 9239.1- 2003.
4. Only ModWood Flame Shield[®] range of products were tested against the requirements for bushfire construction.
5. When using ModWood Decking as a floor lining in areas required to be accessible, only XTREME GUARD[®] and Wide Deck range of products have been tested for slip resistance. XTREME GUARD[®] achieves a rating of P5, and Wide Deck achieves a rating of R11.

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.



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APPENDIX A – PRODUCT TECHNICAL DATA

A1 Type and intended use of product

As Above.

A2 Description of product

As Above.

A3 Product specification

ModWood Natural Grain Collection (NGC) is a Wood plastic composite decking board

Available in brushed or smooth (The board is reversible; one side is smooth, and the other side is brushed).

Profiles: Decking - 137 x 32 mm (Marina), 137 x 23 mm (Wide Deck) and 88 x 23 mm.

Colours: Black Bean | Jarrah | Sahara | Silver Gum

ModWood Flame Shield® is a ModWood board with a fire-retardant additive

Available in Brushed or Smooth (The board is reversible; one side is smooth, and the other side is brushed).

Profiles: 137 x 23mm

Colours: Black Bean | Jarrah | Sahara | Silver Gum

ModWood XTREME GUARD® (XTG) is co-extruded with a synthetic layer wrapped around all four faces of the board.

Available in Square Edge and Grooved Profiles

Profiles: 137 x 23mm

Colours: Magnetic Grey | Koko Brown | Fire Brick | Golden Sand | Charwood | Sandy Bay

Decking Board Span Table

LOADING	SPAN Maximum Continuous	LIVE LOAD (unfactored)	
		POINT LOAD (kN)	UDL (kPa)
Residential 23 x 88* NGC decking	300	2.7	10
	400	2.0	10
	450	1.8	10
23 x 137 NGC decking Flame Shield Xtreme Guard	300	2.7	10
	400	2.0	10
	450	1.8	10
32 x 137 NGC Marina	300	7.0	10
	400	4.9	10
	450	4.0	10

* Residential application point load applied over two boards

The above span table is an excerpt from the report TGA Engineers, Structural Verification, dated 28 April 2025.

A4 Manufacturer and manufacturing plant(s)

ModWood Technologies - 5 Jesica Road Campbellfield VIC 3058.

A5 Installation requirements

Installation shall be in accordance with the ModWood – Fixing Decking Instructions, dated September 2021.

A6 Other relevant technical data

CSIRO, Test Report No. 1105, dated 22 April 2002 presents the results of testing conducted on Modwood products for resistance to termite attack and concludes that the product demonstrates a high level of termite resistance.

APPENDIX B – EVALUATION STATEMENTS

B1 Evaluation methods

BCA 2022 Amdt.2

1. Structural Assessment

A2G2(2)(a)/A5G3(1)(e) A certificate or report from a professional engineer or other appropriately qualified person (TGA Engineers)

2. Termite Resistance

A2G3(2)(a)/A5G3(1)(d) – A report issued by an Accredited Testing Laboratory

3. Fire Hazard Properties

A2G3(2)(a)/A5G3(1)(d) – A report issued by an Accredited Testing Laboratory (AWTA – NATA Accreditation No: 1356)

4. Access Assessment

A2G3(2)(a)/A5G3(1)(d) – A report issued by an Accredited Testing Laboratory (ATTAR – NATA Accreditation No: 2735)

5. Bushfire Construction Assessment

A2G2(2)(a)/A5G3(1)(e) – A report from a professional engineer (Warringtonfire)

B2 Reports

Structure

1. TGA Engineers, Structural Verification, dated 28 April 2025.

This report provides the structural verification and span tables associated with ModWood Decking Boards for the following models:

- Natural Grain Decking (NGC)
- Flame Shield®
- XTREME GUARD® (XTG)
- Marina

Termite Resistance

2. CSIRO, Test Report No. 1105, dated 22 April 2002.

This report provides the results of testing of ModWood products for Resistance of Wood-Plastic Composite to Termites and determines that the product has a high degree of termite resistance.

Bushfire Construction Assessment

3. Warringtonfire, Fire Assessment Report, Report No: 26247 R3.0, dated 25 June 2021.

This report provides the assessment of Modwood Flame Shield® Decking if the product was assessed against the requirements of AS 1530.8.1, and determines that the product would be likely suitable for use in bushfire prone areas up to and including BAL 40. This report is valid until 30 June 2026.



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Fire Hazard Properties Assessment

4. AWTA Product Testing, Test Report 18-005625, dated 29 November 2018.

This report provides the testing of ModWood XTREME GUARD® (XTG) to the requirements of AS ISO 9239.1-2003, and determines the average Critical Heat Flux was 3.4 kW/m²

5. AWTA Product Testing, Test Report 25-001815, dated 1 July 2025

This report provides the testing of ModWood 'Natural Grain Collection 137x23mm Decking' to the requirements of AS ISO 9239.1-2003, and determines the average Critical Heat Flux was 2.5 kW/m²

6. AWTA Product Testing, Test Report 25-001816, dated 3 July 2025

This report provides the testing of ModWood 'Natural Grain Collection 88x23mm Decking' to the requirements of AS ISO 9239.1-2003, and determines the average Critical Heat Flux was 3.4 kW/m²

Access Assessment

7. Advanced Technology Testing and Research, Wet Pendulum Slip Resistance Test, Report No: 14292.1, dated 27 Jun 2019.

This report provides the test results to AS 4586-2013 for slip resistance for the ModWood XTREME GUARD® (XTG) Plank, and determined that the Slip Resistance Classification is P5

8. Advanced Technology Testing and Research, Oil Wet Inclining Slip Resistance Test, Report No: 16701, dated 18 June 2021.

This report provides the test results to AS 4586-2013 for slip resistance for the ModWood Wide Deck Natural Grain Collection, and determined that the Slip Resistance Classification is R11