

Certificate no: CMNZ70070

Version: 3

Original issue date: 06 October 2020

Version date: 24 January 2025

## 1. Certificate Holder Details



**ModWood Technologies Pty Ltd**  
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www.modwood.com.au

## 2. Product Certification Body

**Bureau Veritas Australia Pty Ltd**  
Level 11/500 Collins Street  
Melbourne VIC 3000 Australia  
product.certification@bureauveritas.com  
Ph: 1800 855 190  
www.bureauveritas.com.au

**Complaints:** The complaints process for this certificate can be found here:  
[www.bureauveritas.com.au/your-feedback](http://www.bureauveritas.com.au/your-feedback)

Sam Guindi – Bureau Veritas Product Certification Manager



**BUREAU  
VERITAS**

# Product Certificate

## ModWood Decking and Screening

### 3. Description of Building Method or Product

Name of the product or method in Aotearoa New Zealand, including any brand names used. Description of what it is and the components that make up any system and its physical attributes including the materials and make-up of the product, where applicable. 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. Continuation of description can be found in item 10 – Supporting Information about Description. [Delete if not applicable]. The building method's or building product's catalogue or model identification number or numbers or other unique identifiers that might be used to identify the building product or building method

ModWood Decking and Screening is a range of wood/plastic composite boards in a range of widths and thicknesses.

### 4. Intended use of Building Method or Product

Intended use of the building method or product as described in the product manual and other instructional materials. A statement of the function or purpose of the building method or product. Continuation of intended use can be found in item 11 – Supporting Information about Intended use. [Delete if not applicable]

ModWood Decking boards are intended for use as decking and may also be used for cosmetic screening.  
ModWood Screening boards are intended for use as cosmetic screening only.

### 5. New Zealand Building Code Provisions

The performance clauses of the New Zealand Building Code that are relevant to the intended use and with which the building method or product complies or contributes to (where used as part of a system).

How the building method or product complies or contributes can be found in item 8. Basis for Certification. Any qualifications on the extent of that compliance can be found in item 6. Conditions and limitations of use.

**B1 Structure:** B1.3.1, B1.3.2, B1.3.3(b), B1.3.4

**B2 Durability:** B2.3.1(b)

**D1 Access routes:** D1.3.3(d) (when used as decking)

**F2 Hazardous building materials:** F2.3.1



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## 6. Conditions and Limitations of Use

The building method or product's use is to be in accordance with the installation instructions and requirements against which the building method or product was assessed.

Conditions or limitations of conformity for the performance requirements the building method or product is compliant with, including any requirements for people with the qualifications and skills to install or use the building method or product, any known or demonstrated situations where the building method or product should not be used. A statement as to whether there are any matters that should be taken into account in the use or application of the building product or building method and, if so, what those matters are.

1. ModWood Decking is certified for use:
  - a. On decks, including on an access route (and accessible routes) where a slip-resistant surface is required and
  - b. with a maximum span of 450 mm on a framed substructure for:
    - i. 137 x 23 mm and 88 x 23 mm decking subject to maximum design UDL of 10.0 kPa (e.g. as in NZS3604) and live point load of 1.8 kN, or
    - ii. 137 x 32 mm decking subject to maximum design UDL of 10.0 kPa and live point load of 4 kN, and
  - c. in any exposure zone as specified in NZS3604 para 4.2.4 (except microclimates).
2. ModWood Decking shall be installed:
  - a. in accordance with the ModWood New Zealand Technical and Installation Guide December 2024 or the Fixing Instructions for ModWood XTREME GUARD December 2024 as applicable, and
  - b. with a 12 mm minimum clearance gap between the building cladding and decking as per the requirements of E2/AS1 Paragraph 7.1.1.
3. ModWood Screening is certified for use in any exposure zone as specified in NZS3604 para 4.2.4 (except microclimates).
4. ModWood Screening shall:
  - a. be installed in accordance with the ModWood New Zealand Technical and Installation Guide December 2024, and
  - b. be fixed to a specifically designed structural frame or substrate, and
  - c. not be used as a barrier to meet the requirements of the F4.3.1: Safety from Falling and F9.3.1: Means of Restricting Access to Residential Pools.

## 7. Health and Safety Information

Health, safety, and well-being declarations associated with installation, maintenance, and use of the building method or product, and their specific editions and dates necessary to ensure the performance requirements of clauses F1 to F9 of the Building Code can be met.

The compliance with any manufacturer's installation instructions, maintenance, OH & S statements, MSDS's and other Health and Safety declarations will provide the necessary Health and Safety Information pertaining to the product.



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## 8. Basis for Certification

How the performance requirements in the Building Code were met for each of the provisions. Where used as part of a system, the specific contribution to compliance.

B1 Structure - By analysis and comparison with Acceptable Solution B1/AS1

B2 Durability - By testing and comparison with Verification Method B2/VM1

D1 Access routes - By testing and comparison with Acceptable Solution D1/AS1

F2 Hazardous building materials - By comparison with Building Code performance requirement F2.3.1

## 9. Supporting Documentation for Certification

Reference to any acceptable solutions, verification methods, New Zealand Standards, or other compliance pathways referenced against each individual performance requirement the building method or product is compliant with, and their specific version and date. Reference to documents describing tests and evaluations and any other documents relied on for certification or used to prove compliance, including their full title, specific version and date.

1. Acceptable Solutions and Verification Methods for New Zealand Building Code Clause B1 Structure First edition (Amendment 21), 2 November 2023.
2. Acceptable Solutions and Verification Methods for New Zealand Building Code Clause B2 Durability, 2nd Edition (Amendment 12), 28 November 2019.
3. Acceptable Solutions and Verification Methods for New Zealand Building Code Clause D1 Access Routes 2nd Edition (Amendment 6), 1 January 2017.
4. NZS 3604:2011 Timber-framed buildings.
5. ATTAR Report No. 14292.1 27 June 2019 Wet Pendulum Slip Resistance Test, 27 June 2019.
6. Tim Gibney & Associates Structural Verification Report, 08 September 2023.
7. BRANZ Report DC2124 Accelerated Weathering of ModWood Wood Plastic Composite Samples 15, August 2011.
8. ATTAR Report No. 16701 Oil-Wet Inclining Platform Slip Resistance Test, 18 June 2021.
9. Safety Data Sheet ModWood Natural Grain Collection Version 3.0 Issued: 2022-04-07.
10. Safety Data Sheet ModWood Xtreme Guard Decking Material Version: 2.0 Issued: 2025-01-15.
11. Safety Data Sheet ModWood Flame Shield Decking Version 3.0 Issued: 2022-04-07.
12. ModWood New Zealand Technical and Installation Guide, December 2024.
13. Fixing Instructions for ModWood XTREME GUARD, December 2024.



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### 10. Supporting Information About Description (Optional)

Any supporting information for section 3.

ModWood is available in three ranges:

- 1. ModWood Natural Grain Collection (NGC):** Wood plastic composite decking board and screening  
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 and 88 x 23 mm; Screening - 68 x 17 mm (only available Smooth)  
Colours: Black Bean | Jarrah | Sahara | Silver Gum
- 2. 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
- 3. 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 | Charwood | Sandy Bay

Fixings include (see Installation Manuals for details of use):

- KlevaKlip Concealed fixings
- KT 137G Top Fix Clip Galvanised
  - KT137S Top Fix Clip S/Steel
  - KT88G Top Fix Clip Galvanised
  - KT88S Top Fix Clip Stainless Steel
  - KSL88N (Snap-LOC)
  - KSL137N (Snap-LOC)

Nails for fixing to timber, and screws for fixing steel, are specified in the Installation Manual.



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### 11. Supporting Information About Intended Use (Optional)

Any supporting information for section 4.

N/A

### 12. Supporting Information About Conditions and Limitations of Use (Optional)

Any supporting information for section 6.

N/A

All CodeMark certificates that are current must be registered with MBIE. MBIE maintains a register of valid product certificates. [Please find the register here.](#)

If the certificate is not listed on this register or it appears as (SUSPENDED), it is not a valid CodeMark certificate and does not have to be accepted by a building consent authority as establishing compliance with the New Zealand Building Code.



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