



PRODUCT CERTIFICATE

ModWood Decking and Screening



CERTIFICATE NO: CM70070

Date of issue: 6 October 2020

1 CERTIFICATE HOLDER DETAILS

ModWood Technologies Pty Ltd
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Australia

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www.modwood.com.au



2 PRODUCT CERTIFICATION BODY

Bureau Veritas Australia Pty Ltd
3/435 Williamstown Road
Port Melbourne VIC 3207
Australia

Ph: 1800 855 190
www.bureauveritas.com.au

Bureau Veritas Australia Pty Ltd

The complaints process for this certificate
can be found here:
www.bureauveritas.com.au/your-feedback

KEY INFORMATION

3 SUMMARY OF DESCRIPTION OF BUILDING METHOD OR PRODUCT

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

*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.*

4 SUMMARY OF INTENDED USE OF BUILDING METHOD OR PRODUCT

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.

Continuation of intended use can be found in item 8. Supporting Information about Intended use of Building Product or Method.

5 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).

B1 Structure: B1.3.1, B1.3.2, B1.3.3(a, b, i), 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

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.



This certificate is issued by an independent certification body accredited by JAS-ANZ, the product certification accreditation body appointed by the Chief Executive of the Ministry of Business, Innovation and Employment under the Building Act 2004. The Ministry does not in any way warrant, guarantee, or represent that the building method or product that is 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. The Ministry 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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6 CONDITIONS AND LIMITATIONS OF USE

1. ModWood Decking is certified for use:
 - a. with a maximum span of 450 mm on a framed substructure for:
 - 137 x 23 mm and 88 x 23 mm decking subject to maximum design UDL of 2.0 kPa (e.g. as in NZS3604:2001 Timber-framed buildings) and live point load of 1.8 kN, or
 - 137 x 32 mm decking subject to maximum design UDL of 3.0 kPa and live point load of 4 kN, and
 - b. in an access route (including an assessable route) where a slip-resistant surface is required, 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 August 2020 or the Fixing Instructions for ModWood XTREME GUARD August 2020 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:
 - c. be installed in accordance with the ModWood New Zealand Technical and Installation Guide August 2020, and
 - d. be fixed to a specifically designed structural frame or substrate, and
 - e. not be used as a barrier to meet the requirements of the NZ Building Code clause F4 Safety from Falling.

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

7 HEALTH AND SAFETY INFORMATION

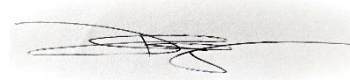
The compliance with any manufacturer's installation instructions, maintenance, OH & S statements, MSDS's and other Health and Safety declarations will provide the necessary Health and Safety Information pertaining to the product. Refer to section 12 for specific detail of compliance with the performance requirements of clauses F1 to F9 of the Building code.

8 SIGNATURES



Sam Guindi
Product Certification Manager

For and on behalf of
Bureau Veritas Australia Pty Ltd



David Cooper
General Manager

For and on behalf of
ModWood Technologies Pty Ltd



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SCHEDULE: INFORMATION THAT SUPPORTS KEY INFORMATION

9 SUPPORTING INFORMATION ABOUT DESCRIPTION

ModWood is available in three ranges:

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

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

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

- KlevaKlip Concealed fixings
- KT88G Top Fix Clip Galvanised
- KT88S Top Fix Clip S/Steel
- KT 137G Top Fix Clip Galvanised
- KT137S Top Fix Clip S/Steel
- KT137GPC Top Fix Clip Galvanised (Powder coated)
- KT137SPC Top Fix Clip S/Steel (Powder coated)
- KSL88N (Snap-LOC)
- KSL137N (Snap-LOC)

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

10 SUPPORTING INFORMATION ABOUT INTENDED USE

NA

11 SUPPORTING INFORMATION ABOUT CONDITIONS AND LIMITATIONS OF USE

N/A



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12 BASIS FOR CERTIFICATION

- 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

13 SUPPORTING DOCUMENTATION FOR CERTIFICATION

1. Acceptable Solutions and Verification Methods for New Zealand Building Code Clause B1 Structure, 1st Edition (Amendment 19), 28 November 2019
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. ATTAR Report No. 14292.1 27 June 2019 Wet Pendulum Slip Resistance Test, 27 June 2019
5. Tim Gibney & Associates Structural Verification Report, 27 April 2017
6. BRANZ Report DC2124 Accelerated Weathering of ModWood Wood Plastic Composite Samples 15, August 2011
7. ATTAR Report No. 14/7852 Oil-Wet Inclining Platform Slip Resistance, 9 May 2014
8. Safety Data Sheet ModWood Wood/Plastic Composite Decking Material Version: 2.0 Issued: 2017-03-15
9. Safety Data Sheet ModWood Xtreme Guard Decking Material Version: 1.0 Issued: 2019-09-26
10. Safety Data Sheet ModWood Flame Shield Decking Version: 2.0 Issued: 2017-03-15
11. ModWood New Zealand Technical and Installation Guide, August 2020
12. Fixing Instructions for ModWood XTREME GUARD, August 2020

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14 CONDITIONS RELATING TO NOTIFICATION

- (a) the certificate holder notifies the product certification body (Bureau Veritas) 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:
- (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.