

Woodland Lifestyle Bamboo Flooring PRODUCT TECHNICAL STATEMENT

Version 1.1 January 2024



Designated Building Product: Class 1.

Declaration

Woodland Lifestyle (Woodland) has provided this declaration to satisfy the provisions of Schedule 1(d) of the Building (Building Product Information Requirements) Regulations 2022. See **Regulations**.

Company Details

Name	Woodland Lifestyle
Role	Supplier
NZBN	9429046834164
Address	3 Wilson Rd, Upper Moutere 7175
Website	www.woodlandlifestyle.com
Email	hello@woodlandlifestyle.com
Phone	(09) 308 7948

Manufacturer Details

866.843.8453	Anji Tainchi Bamboo & Wood Industry Co. LTD
Address	Building 2, Liujiatang, Shangshu, Anji, Zhejiang Province, 313302 China
Website	http://www.cntcbamboo.com/

Description of Woodland Bamboo Flooring

Woodland Lifestyle Bamboo flooring is a strand woven bamboo plank flooring finished with a UV treated scratch resistant urethane coating.

It is intended for interior but is not intended for use areas with high humidity fluctuations such as bathrooms and laundry's.

The boards are 1850mm in length, 12mm thick and 135mm wide. The boards are finished with a click locking system for simple installation.

The boards are installed as a floating floor. In areas exposed to watersplash (such as kitchens), a compressible PE foam rod is used around the perimeter which is then sealed with Hydroshield® sealant. ClicSeal is applied between the joints. This ensures that the floor is waterproof whilst still allowing for expansion and contraction.

Woodland supply accessories to aid in the installation:

- underlay to reduce sound transfer and provide a base for the flooring to float on
- Bamboo & Aluminium floor trims

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Sustainability

Bamboo flooring is made from natural plantation grown bamboo fibres. Bamboo stems are harvested every 5-7 years.

Building code obligations

Code Clauses	Compliance pathway	Evidence
B1 (structure) B1.3.2, B1.3.3 (b, e, j, q)	ALTERNATIVE SOLUTION	NZ does not have a cited standard in respect of Bamboo flooring.
B2 (durability) B2.3.1(c), B2.3.2 (b)	ALTERNATIVE SOLUTION	Woodland Lifestyle Bamboo is tested against GB/T 30364-2013 with the below results. Janka Hardness (PSI): 14.2 Kilonewton Modulus of Rupture: 180 Mpa
C3 (fire affecting areas beyond the fire source) C3.4(b)	ACCEPTABLE SOLUTION	AWTA [20/09/2022] ISO 9239-1:2010, Test #22-003088. Mean critical flux 5.9 kW/m ² .
D1 (access routes) D1.3.3 (d)	ACCEPTABLE SOLUTION	ISTS [25-8-2022] AS/NZS.4586:2004, Contract # 8006. Pendulum mean BPN 24.
E3 (internal moisture) E3.3.3 E3.3.5 E3.3.6	ALTERNATIVE SOLUTION	Woodland Lifestyle Bamboo achieves less than the maximum moisture resistance requirements when tested to ISO 4760. (when using Unika Clicseal between the joints) NZWTA [15/05/2022] ISO 4760:2022, #1459690.2. No evidence of water penetration through the joints.
F2 Hazardous Building Materials F2.3.1	ALTERNATIVE SOLUTION	Asure Quality [12/08/2016] AS/NZs 4266.16 #16138751-1 Formaldehyde emissions < 0.02ppm.

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Scope of use and limitations

Scope	Limitation
Building work	
In conjunction with a substrate and primary structure that complies with the NZ Building Code, or where the primary structure is the equivalent stiffness to the framing provisions of NZS 3604:2011.	<ul style="list-style-type: none">• Bamboo flooring must be loose laid.• Underlay with an incorporated moisture barrier must be used.• When installing over a mineral-based sub-surface such as concrete, a layer of polyethylene >200 micron must be installed prior to the flooring.• Bamboo flooring may not be laid over the following substrates:<ul style="list-style-type: none">- Carpet underlay or carpet- Cushioned back vinyl- Engineered or solid hardwood over concrete- Rubber- Cork- PVC flooring- Other free floating floors.• Substrates must not slope more than 25 mm per 1.83 m in any direction.• Maximum deflection of the substrate must be $< l/360$.• Substrates must be smooth and free of roughness with no changes in elevation. They must be 4.8 mm flat in a 3 m radius
For all building classified uses.	<ul style="list-style-type: none">• Bamboo is only for use in interior situations.• Bamboo is not intended for use in areas subject high humidity fluctuations such as bathrooms or laundry's or wet areas. It is suitable for use in areas subject to water splash such as kitchens when specific installation requirements are met (see installation guide).
For use as a flooring in an access route	<ul style="list-style-type: none">• Bamboo flooring is not suitable for use in an access route where it is likely to become wet.
In connection with underfloor heating including in-slab piped water heating.	<ul style="list-style-type: none">• Not suitable.

Conditions of use

The system must be installed and maintained with all of Woodland Lifestyle requirements.

Additional information

For all design, installation and maintenance-related information, and for information supporting Woodland Lifestyle claims, refer to www.woodlandlifestyle.com

Woodland Lifestyle flooring is not subject to any ban issued under **S26 of the Building Act**.

Responsible person

In accordance with Regulation 8, as the responsible person, I confirm that the information supplied in this declaration is based on information supplied to the company as well as the company's own processes and is, therefore, to the best of my knowledge, correct.

Signed for and on behalf of Woodland Lifestyle:

Moses Hewetson