POWER DEKOR ENGINEERED HARDWOOD FLOORING

Version: V1 January 2024

DESIGNATED BUILDING PRODUCT: Class 1

DECLARATION

Better Trading 2019 Ltd Trade as **Power Dekor Ltd** has provided this declaration to satisfy the provisions of Schedule 1(d) of the Building (Building Product Information Requirements) Regulations 2022.

COMPANY DETAILS

Importer:

Legal Trading Name: Better Trading 2019 Limited/Trade as Power Dekor Ltd

NZBN: 9429030115040
Address: Unit 6/63 Arrenway Drive, Rosedale, Auckland, 0932, New Zealand
Email: info@powerdekorfloors.co.nz
Website: powerdekorfloors.co.nz
Phone: 09 444 8288

Manufacturer: Power Dekor Industries(Jiangsu) CO.,Limited

DESCRIPTION OF BUILDING PRODUCT

This BPIR Declaration relates to Power Dekor's Engineered Hardwood Flooring Ranges. Engineered Wood Flooring NZ | Hardwood & Oak Flooring Auckland

RELEVANT BUILDING CODE CLAUSES

- B2 Durability
- C3 Fire affecting areas beyond the fire source
- D1 Access Routes
- E3 Internal moisture/Watersplash
- F2 Hazardous Building Materials
- G6 Impact and Airborne Sound (In a high-rise apartment where sound may be an issue)

B2 Durability

2nd edition, Amendment 12 - 28/11/2019

https://www.building.govt.nz/building-code-compliance/b-stability/b2-durability/

Objective

B2.1 "The objective of this provision is to ensure that a building throughout its life will continue to satisfy the other objectives of this code".

Performance

B2.3.1 (c) 5 Years if:

1.1. The building elements (including services, linings, renewable protective coatings and fixtures) are easy to access and replace and

1.2. Failure of those building elements to comply with the building code would be easily detected during normal building use.

Verification B2/VM1

1.1. In service History
1.2. Laboratory testing

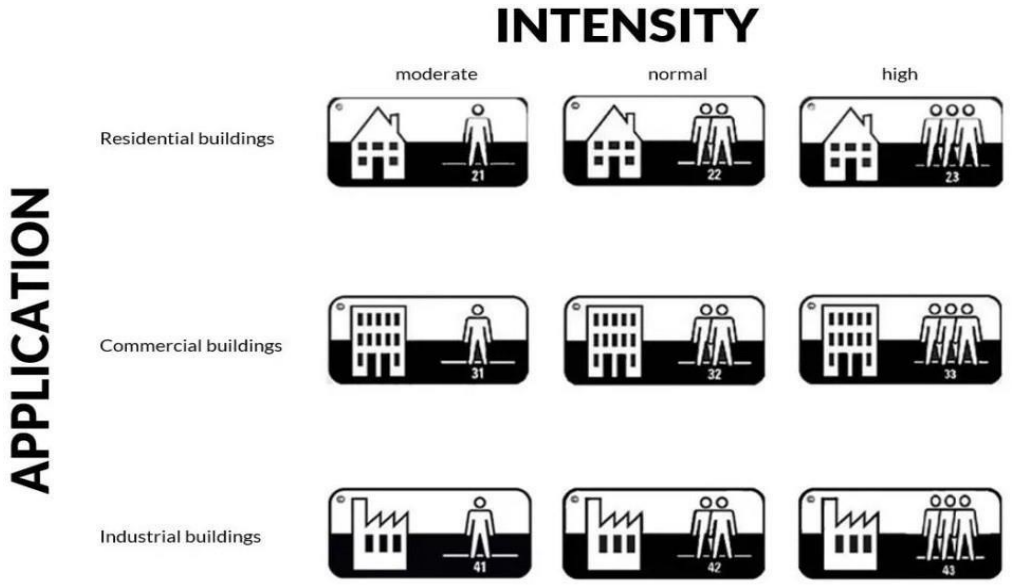
Power Dekor Product Compliance

1.1. Warranty: All products meet a minimum 5-year durability requirement.

All Power Dekor floors carry a warranty supported by New Zealand after-sales service. As a New Zealand flooring distributor, we endorse and recognize all rights of the consumer under the Consumer Guarantees Act 1993 (the "CGA") and further agree to match any performance guarantee or warranty offered in the marketplace, at the time of purchase, on any product which is equivalent to ours, where that performance guarantee or warranty offers rights to the consumer in addition to those in the CGA.

1.2. Results noted on product data sheets and test reports are available on request. Where applicable, note the usage guidance on your chosen product for your area. Please refer below to laboratory testing standards verification numbers by product category.

Please the product date sheet and laboratory test report.
Engineered Hardwood Flooring Data Sheet
Power Dekor Engineered Hardwood Flooring-Clause B2-Impact Resistance Test Report



Power Dekor floors should be installed in accordance with the product specific Power Dekor Instructions for a quality finish, please ensure your floor is installed by a professional tradesperson. If the floor is improperly installed this will void the Power Dekor Warranty. Installation should also be carried out in accordance with applicable Industry standards and best trade practice.

System Installation

We recommend the Engineered Hardwood Flooring to be glued down to subfloor with Selleys Direct Stick or Selleys Timber Flex adhesives.

Power Dekor underlay is used for floating floor installations. Underlays are a high-quality 2mm thick Irradiated Cross-Linked Polyethylene. The underlay includes a damp-proof membrane which is overlapped and joined with moisture-resistant tape. Underlay is for use with all laminate flooring installations and floated engineered timber floor installations only.

https://powerdekorfloors.co.nz/wp-content/uploads/2024/10/208-Power-Dekor-Hardwood-Flooring-Floating-Installation-Instructions.pdf

Maintenance

Please refer to Power Dekor Care and Maintenance guidelines for aftercare requirements for your chosen floor. It is the homeowner's responsibility to be familiar with and abide by the care requirements of their chosen floor. Incorrect maintenance and care of a Power Dekor floor will void the warranty.

https://powerdekorfloors.co.nz/wp-content/uploads/2024/10/209-Power-Dekor-Hardwood-Flooring-Maintenance-Instruction.pdf

Limitations

Power Dekor recommends consultation with a qualified flooring professional when selecting floor coverings. Consumers need to fully understand the performance characteristics of their chosen flooring specific to the area of the building it will be installed into and any environmental impacts that are outside the control of Power Dekor. Power Dekor Engineered Hardwood flooring products have been designed for use in internal environments/installations only. Whilst they are easy to care for and durable, they are not suitable for outdoor use.

C3 Fire affecting areas beyond the source

Amendment 2 - 05/11/2020

https://www.building.govt.nz/building-code-compliance/c-protection-from-fire/c3-fire-affecting-areas-beyond-the-source/

Objective

The objectives of clauses C2 to C6 are to:

(a) safeguard people from an unacceptable risk of injury or illness caused by fire.

Performance:

C3.4 (b) floor surface materials in the following areas of buildings must meet the performance criteria specified below:

Exemptions

There are no specific requirements for detached dwellings, within household units in multi-unit dwellings, or outbuildings and ancillary buildings. For all other areas minimum critical radiance flux fire testing results are required as noted below.

Area of building	Minimum critical radiant flux when tested to ISO 9239-1: 2010	
	Buildings not protected by an automatic fire sprinkler system	Buildings protected with an automatic fire sprinkler system
Sleeping areas and exit ways in buildings where care or detention provided.	4.5kW/m2	2.2kW/m2
Exit ways in all other buildings.	2.2kW/m2	2.2kW/m2
Fire cells accommodate more than 50 persons.	2.2kW/m2	1.2kW/m2
All other occupied spaces except household units.	1.2kW/m2	1.2kW/m2

Verification

Please see our Laboratory test report attached.
https://www.powerdekorfloors.co.nz/wp-content/uploads/2026/04/Engineered-Hardwood-Flooring-Clause-C3-Fire-Test-20231128.pdf

D1 Access Routes

Amendment 6 – 01/01/2017

https://www.building.govt.nz/building-code-compliance/d-access/d1-access-routes/

Objective

The objective of this provision is:

(a) Safeguard people from injury during movement into, within and out of buildings.

Performance

2.0. Access Routes D1.3.3(d): Access routes shall have adequate slip-resistant walking surfaces under all conditions of normal use.

Exemptions

a) Situations where safety matting is provided as described in 2.1.5

b) For housing this requirement applies only to the access route on the approach to the main entrance and not inside that entrance and not on the approach to other entrances. The internal access routes of housing, including kitchens and bathrooms, shall be assumed to be dry in normal use.

Comment

Bathroom floors in housing can become partially wet but safety is best managed using movable mats because most flooring materials with high slip resistance are not appropriate in this location.

2.1.2 For level access routes (including level accessible routes) expected to become wet with water in normal use, walking surfaces shall either: a) Have an SRV classification of not less than 39 from the wet pendulum test method of AS 4586 Appendix A using the Slider 96 rubber, or b) Use the materials listed in Table 2 as 'acceptable wet slip'.

	Slip Resistance for Walking Surfaces			
Walking surface	**Level Surface (1)**		**Sloping Surace (2) or Stairs (3)**	
	Acceptable Dry Slip Resistance	Acceptable Wet Slip Resistance	Acceptable Dry Slip Resistance	Acceptable Wet Slip Resistance
Vinyl and Linoleum				
Smooth or with imprinted pattern	YES	TEST	YES	NO
Profiled (studs or ribs)	YES	TEST (9)	YES	TEST (9)
Grit/flaked finish	YES	TEST	YES	TEST
Timber Composites (chipboard, cork, titles etc)				
Uncoated	YES	NO	YES	NO
Coated (paint, polyurethane,etc)	YES	NO	NO	NO
Coated and sand/grit impregnated (5)	YES	YES	YES	YES

Verification

1. Please see the attached laboratory report.

https://www.powerdekorfloors.co.nz/wp-content/uploads/2026/04/Engineered-Hardwood-Flooring-CE-Test-Report-Slip-resistance-Thermal-conductivity.pdf

E3 Internal Moisture

Amendment 7 - 05/11/2020

https://www.building.govt.nz/building-code-compliance/e-moisture/e3-internal-moisture/

Objective

The objective of this provision is to:

(a) Safeguard people against illness, injury or loss of amenity that could result from the accumulation of internal moisture and
(b) Protect household units and other property from damage caused by free water from another household unit in the same building.

Functional Requirement
Buildings must be constructed to avoid the likelihood of:
(a) Fungal Growth or the accumulation of contaminants on linings and other building elements; and
(b) free water overflow penetrating to an adjoining household unit; and
(c) damage to building elements caused by the presence of moisture.

Performance

E3.3.3 Floor surfaces of any space containing sanitary fixtures or sanitary appliances must be impervious and easily cleaned.

3.0 Watersplash

Surfaces of building elements likely to be splashed must be constructed in a way that prevents **water splashes** from penetrating behind linings or into concealed spaces.

3.1.1 Flooring must satisfy the performance for impervious and easily cleaned surfaces in spaces containing sanitary fixtures or sanitary appliances. In open-plan spaces, this surface shall extend at least 1.5 m from all sanitary fixtures and sanitary appliances.

Comment - The requirement for impervious and easily cleaned floor surfaces applies to spaces such as kitchens, bathrooms, laundries, and toilet facilities.

Alternative Solution – Power Dekor 15mm Engineered Hardwood Flooring

Other floor finishes may also be capable of satisfying the performance for impervious and easily cleaned if installed in a manner that prevents gaps or cracks within the finish and at any parts of its perimeter that are exposed to water splash, and/or if the surface is sealed with a suitable durable coating. Please refer to the product documentation:
https://www.powerdekorfloors.co.nz/engineered-hardwood-flooring/

Verification

In service History
Laboratory testing

Power Dekor Product Compliance

Power Dekor Ltd is a part of the Power Dekor Industries Group which manufactures and distributes a wide range of Engineered Hardwood Flooring products designed for domestic and commercial spaces into worldwide, including USA, Europe, Asia, Canada, etc. There is a long successful history both globally and here in New Zealand.

Power Dekor Literature

- In-service History
- Laboratory testing
- Installation instructions
- Sealant information and use for protection at the perimeter
- Click Seal information for board perimeter seal (where required)
- Care and Maintenance guides provide consumer information regarding protection and periodic maintenance requirements.

Please see the attached Alternative Solution Explanation and NZWTA Test Report.
https://powerdekorfloors.co.nz/wp-content/uploads/2024/10/204Power-Dekor-Engineered-Hardwood-Flooring-Alternative-Solution-to-Building-Code-E3-For-Glue-Down-Installation.pdf

https://powerdekorfloors.co.nz/wp-content/uploads/2024/10/202-1484668.7-15mm-Hardwood-Flooring-Glue-Down-E3-NZWTA.pdf

2.0 Overflow and Containment

Building design elements may be required to provide further protection. This is outside of the floor lining scope. Exception - acceptable solution pathway sheet vinyl.

It is the architect's and designer's responsibility in multi-tenanted dwellings to provide for a required. For example (but not limited to), floor wastes (not recommended with floating floor systems) and integrated overflow for household kitchen sinks and laundry tubs, tap systems. Use of construction detail that provides prevention of the passage of overflow, and containment using tanking or liquid-applied membranes.

Performance

2.0.1. If a sanitary fixture is located where accidental overflow could damage an adjoining household unit or other property, then either:

(a) Containment and floor wastes that meet the requirements of Paragraphs 2.1.1 and 2.2.1 shall be provided, or
(b) The exemption for household kitchen sinks and laundry tubs with integrated overflows that meet Paragraph 2.0.2 shall apply.

2.1.1 Containment provided to satisfy Paragraph 2.0.1 may be achieved by using impervious floor coverings which:

(a) Are continuous and coved or joints sealed where they meet the wall and
(b) Extend to the doorway and all walls of the room, or to at least 1.5 m from all sanitary fixtures and sanitary appliances in open-plan rooms.

Exemptions

Please note that the overflow clause is not mandatory for single or detached dwellings.

F2 Hazardous Building Materials

Amendment 3 - 01/01/2017

https://www.building.govt.nz/building-code-compliance/f-safety-of-users/f2-hazardous-building-materials/

Objective

The objective of this provision is to:

F2.2 To safeguard people, from injury and illness caused by exposure to hazardous building materials.

Performance

The quantities of gas, liquid, radiation, or solid particles emitted by materials used in the construction of buildings, shall not give rise to harmful concentrations at the surface of the material where the materials is exposed, or in the atmosphere of any space.

Verification

Please see the attached certification.
https://powerdekorfloors.co.nz/wp-content/uploads/2024/10/207-Engineered-Hardwood-Flooring-CE-Test-Report-Fire-Formaldehyde.pdf

Power Dekor Production Compliance

We as Power Dekor only import laminate flooring manufactured under a quality environmental system certified and complying with ISO9001 and ISO14001 by an accredited certification body.

G6 Impact and Airborne Sound

Amendment 2 - 01/12/1995

https://www.building.govt.nz/building-code-compliance/g-services-and-facilities/g6-airborne-and-impact-sound/

Objective

The objective of this provision is to:

G6.1 To safeguard people, from injury and illness or loss of amenity as a result of undue noise being transmitted between abutting occupancies.

Performance

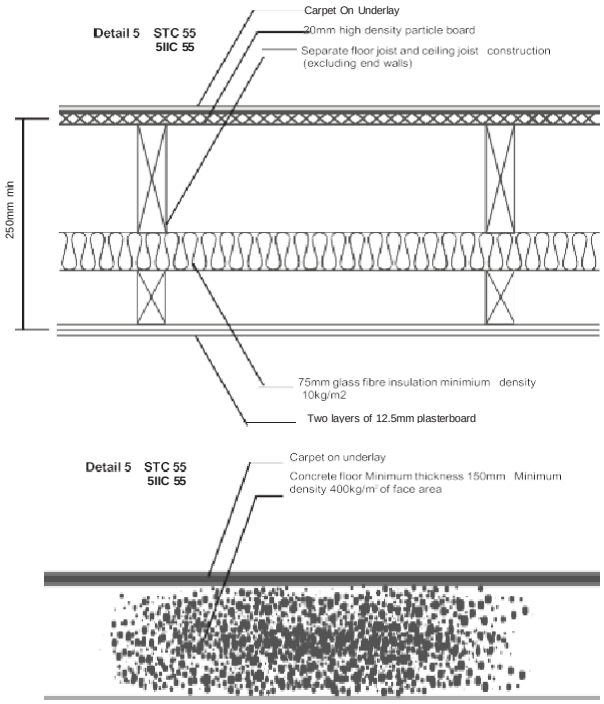
G6.3.1 The sound transmission class of walls, floors and ceilings, shall be no less than 55.
G6.3.2 The impact isolation class of floors shall be no less than IIC 55

Carpet on Underlay forms part of the acceptable solution for G6 building code. However, other types of flooring can be specified as long as they can meet or exceed 55 IIC. Please note that the flooring forms part of the building envelope. Acoustic engineers will need to take into consideration the building design, concrete slab thickness, ceiling cavity and gib etc as part of a system.

Exemptions

G6 relates to building elements that are common between occupancies. It is not applicable for single or detached dwellings.

Figure 3:
Acceptable Floor/Ceiling Assemblies for Noise Control



Verification

Please see the attached testing report.
https://powerdekorfloors.co.nz/wp-content/uploads/2024/10/205-15mm-3-Layer-Hardwood-Engineered-Flooring10-Times-IXPE-Acoustic-Underlayment-Test-Report.pdf

Power Dekor Product Compliance

We have installed over hundreds of apartment units here in Auckland and the Field IIC test value(over 60) has been successfully achieved by onsite testing from NZ acoustic engineers.

Responsible Person

In accordance with Regulation 8, as the person responsible, I confirm that the information supplied in this declaration is based on information supplied to the company by verifiable independent testing authorities.

I can also confirm that none of the laminate flooring products referred to in this declaration and distributed by Better Trading 2019 Ltd/Trade as Power Dekor Ltd, are under any ban outlined in Section 26 of the Building Act.

Signed for and on behalf of Better Trading 2019 Ltd/Trade as Power Dekor Ltd.

Linson Yu

Manager of Better Trading 2019
Ltd/Trade as Power Dekor Ltd

January 2024