

BROADLOOM

BPIR Declaration

Version: v.1

Designated Building Product: Class 1

PROJECT FLOORS

Declaration

Project Floors NZ Ltd has provided this declaration to satisfy the provisions of Schedule 1(d) of the Building (Building Product Information Requirements) Regulations 2022.

Product / System

Name: Broadloom

Line: This Broadloom BPIR covers Kriativ, Vulcan, Moscow, Aztec, Orewa, Milford, Cambridge, Murrays Bay, Ponsonby, Castor Bay, Viaduct Project Floors' ranges.

Description

The term broadloom carpet is taken to mean carpets that are woven on a wide loom and are installed wall-to-wall. Project Floors NZ Ltd supplies broadloom carpets made from a synthetic fibre pile, including Thrive Matter (carbon-negative carpet fibre). The pile is woven into a primary backing material bound with adhesive.

Broadloom carpets are supplied in full rolls 3.66m wide. Partial rolls are also available.

When installed, a Project Floors' broadloom carpet may contribute to G6 (airborne & impact sound) of the building. Compliance with this clause would need to be established as part of the proposed flooring system.

Scope of Use

- For all building classified uses
- Commercial
- High Traffic areas
- Exposed sunlight
- Under Floor Heating
- Residential
- Appropriate for Access Routes

Conditions of Use

- Interior use only
- Not intended for use in an access route where it is likely to become wet
- Inappropriate for placement within 1.5m of sanitary fixtures or water-splash zones
- Substrate preparation must be carried out in accordance with the specified adhesive instructions
- Project Floors' Broadloom carpet must be installed by a qualified trades person and in accordance with FloorNZ's Best Practices guidelines published by FloorNZ, and maintained in accordance with Project Floors' installation instructions, care and maintenance guidelines. These can be located at www.projectfloors.co.nz

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Relevant Building Code Clauses

B2 Durability — B2.3.1 (c)

C3 Fire affecting areas beyond the fire source — C3.4 (b)

D1 Access Routes — D1.3.3 (d)

F2 Hazardous building materials — F2.3.1

Contributions to Compliance

B2

All our broadloom carpets meet the Performances B2.3.1 (c) 5 years durability requirement. Please refer to the warranty, installation instructions, and cleaning and maintenance guide for more details.

Building components should, through routine maintenance alone, consistently meet the performance standards outlined in this code for the shorter of the designated lifespan of the building, if specified, or: (c) 5 years under the conditions that: • the building components (including services, linings, renewable protective coatings, and fixtures) are readily accessible and replaceable, and • the failure of these building components to conform to the building code could be easily identified during the regular use of the building.

B2/VM1 1.1.1 In terms of its operational record, Project Floors NZ has been providing broadloom carpet in New Zealand for over 20 years. The product has consistently surpassed a minimum service life of 15 years, meeting the performance criteria of the Building Code. Additionally, the product, serving as a floor covering, is easily accessible and replaceable, and any potential product failure can be readily identified during normal use of the product.

C3

Protection from Fire All products covered by this statement have been tested in accordance with ISO9239-1:2003 or ASTM D2859-//FF 16//70-1CFR 1630. Test reports are available at www.projectfloors.co.nz

D1

Cut and loop pile carpets are an acceptable solution under D1/AS1, 2.2.2(b).

F2 Products are either tested to CRI+Plus, US Green Building Council, ASTM D06-5116 VOC emissions. Please refer to the installation and maintenance guidelines for further information.

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Supporting Documentation

The following additional documentation supports the above statements:

- Vulcan Specification
- Moscow Specification
- Kriativ Specification
- Aztec Specification
- Orewa Specification
- Milford Specification
- Cambridge Specification
- Murrays Bay Specification
- Ponsonby Specification
- Castor Bay Specification
- Viaduct Specification
- Broadloom Cradle to Grave
- Broadloom Fire Report
- Broadloom Installation Instructions

For further information supporting Broadloom claims refer to our website.

Responsible Person

As the responsible person as set out in Regulation 3, 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.

I can also confirm that Broadloom is not subject to a warning or ban under [s26 of the Building Act](#).

Signed for and on behalf of Project Floors NZ Ltd:



Jade Patel

CEO

February 2024

Project Floors NZ Ltd

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Appendix

B2 Durability

B2.3.1

Building elements must, with only normal maintenance, continue to satisfy the performance requirements of this code for the lesser of the specified intended life of the building, if stated, or:

- (c) 5 years if: the building elements (including services, linings, renewable protective coatings, and fixtures) are easy to access and replace, and failure of those building elements to comply with the building code would be easily detected during normal use of the building.

C3 Fire affecting areas beyond the fire source

C3.4

Surface Linings

- (b) floor surface materials in the following areas of buildings must meet the performance criteria specified below: Area of building Minimum critical radius flux when tested to ISO 9239-1: 2010 Buildings not protected with an automatic fire sprinkler system Buildings protected with an automatic fire sprinkler system Sleeping areas and exitways in buildings where care or detention is provided 4.5 kW/m² 2.2 kW/m² Exitways in all other buildings 2.2 kW/m² 2.2 kW/m² Firecells accommodating more than 50 persons 2.2 kW/m² 1.2 kW/m² All other occupied spaces except household units 1.2 kW/m² 1.2 kW/m²

D1 Access Routes

D1.3.3

Access routes shall:

- (d) have adequate slip-resistant walking surfaces under all conditions of normal use

F2 Hazardous building materials

F2.3.1

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 material is exposed, or in the atmosphere of any space.

Contact Details

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