

PROJECTFLOORS

HOMOGENEOUS VINYL

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: Homogeneous Vinyl

Line: This Homogeneous Vinyl BPIR covers the Project Floors SSV Smooth Vinyl range.

Description

Project Floors' Homogeneous Vinyl is a sheet vinyl flooring made from one single layer with the same content from top to bottom, made by the same mixed raw materials. It is supplied in wide roll format to be installed wall-to-wall. It can be supplied in either full or partial rolls of 2.0m.

This range statement also covers Project Floors supplied Weld rod, clean corner, ramping, coving, and edging as part of the installation system as an accessory product.

When installed a Project Floors NZ Ltd homogeneous sheet vinyl may contribute to G6 (airborne & impact sound). Compliance with the clause would need to be established as part of the proposed flooring system.

Scope of Use

- For all building classified uses
- Commercial
- Interior
- High Traffic areas
- Exposed sunlight
- Food Prep Areas
- Wet Areas
- Clean Room
- Under Floor Heating
- With wheels
- Residential
- Appropriate for Access Routes

Conditions of Use

- Interior use only
- Homogeneous Vinyl must be installed as per our installation instructions and in accordance with Floor NZ's best practice guidelines
- Substrate preparation must be carried out in accordance with the installation instructions
- When installed in wet areas the flooring must be edge sealed as detailed in the installation guidelines
- All seams must be heat welded using matching rod
- Must be laid using the adhesive specified by Project Floors NZ
- The substrate must have a relative humidity of 75% or below
- Must be maintained and cared for as per the Installation and Maintenance instructions
- Please refer to the installation instructions, care and maintenance guidelines for detailed conditions of use. 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)

E3 Internal moisture — E3.3.3, E3.3.5, E3.3.6

F2 Hazardous building materials — F2.3.1

G3 Food preparation and prevention of contamination — G3.3.2 (b)

Contributions to Compliance

B2

B2 Project Floors' Homogeneous vinyl is manufactured and classified 34/43 class in accordance with either ISO 10874 - EN 685, EN 649 and GB/T 24001-2016 or ISO 14001:2015 standard requirements with a dimensional stability of $\leq 0.4\%$ in accordance with ISO 23999 - EN 434.

All Project Floors' Homogeneous vinyl product meets the minimum 5-year durability requirement with some warranties up to 20 years depending on installation and purpose.

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 Homogeneous Vinyl in New Zealand for over 20 years. The product has consistently surpassed a minimum service life of 5 years, satisfying 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. Please refer to the appropriate specification for further details pertaining to the durability and stability of the product.

C3

All products covered by this statement have been tested in accordance with EN 13501-1.

D1

Homogeneous Vinyl provides acceptable slip-resistant walking surfaces under all conditions of normal use. Depending on the Homogeneous Vinyl collection selected, it has a slip resistance of R9 or R10.

E3

Project Floors' Homogeneous Vinyl is an acceptable solution defined under E3/AS1, 3.1.1. (a) as integrally waterproof sheet material. It is impervious and easily cleaned with regard to E3.3.3, E3.3.5 and water resistant E.3.3.6.

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F2 Hazardous building materials — F2.3.1

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Contributions to Compliance Continued

F2

Homogeneous Vinyl materials has a product performance of $<10 \mu \text{g}/\text{m}^3$ according to ISO 16000-6, does not encourage bacterial growth and is phthalate-free. Please refer to documentation on www.projectfloors.co.nz for more details.

G3

Project Floors' Homogeneous Vinyl is an acceptable solution as it is water resistant, impervious, easily cleaned, and free from hazardous materials.

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Supporting Documentation

The following additional documentation supports the above statements:

- Smooth R9 Specification
- Smooth Antibacterial Testing
- Smooth Anti-Slip Property
- Smooth CE
- Smooth Colour Fastness
- Smooth Staining & Chemical Resistance
- Smooth Dimension Stability
- Smooth Effects of a Castor Chair
- Smooth ISO 9001
- Smooth Residual Indentation
- Smooth Total Thickness
- Smooth Wear Resistance
- Smooth Weight

For further information supporting Heterogeneous Vinyl 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 Homogeneous Vinyl is not subject to a warning on 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

E3 Internal moisture

E3.3.3

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

E3.3.5

Surfaces of building elements likely to be splashed or become contaminated in the course of the intended use of the building, must be impervious and easily cleaned.

E3.3.6

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

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.

G3 Food preparation and prevention of contamination

G3.3.2

Spaces for food preparation and utensil washing shall have:

- (b) all building elements constructed with materials which are free from hazardous substances which could cause contamination to the building contents

Contact Details

Manufacture Location:	Overseas
Legal and trading name of importer:	Project Floors NZ Ltd
NZBN:	9429036421688
Address for service:	55A Barrys Point Road, Takapuna
Website:	www.projectfloors.co.nz
Email:	salesoffice@projectfloors.co.nz
Phone:	09 444 4165