

PROJECTFLOORS

HETEROGENEOUS 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: Heterogeneous Vinyl

Line: This Heterogeneous Vinyl BPIR covers Project Floors' Safety, R11, and R12 collections.

Description

Project Floors' Heterogeneous Vinyl is a printed sheet vinyl flooring manufactured using layers and fused together under pressure and high temperature of various materials, for example: backing, print, and wear layer.

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 heterogeneous 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
- Heterogeneous 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

Heterogeneous vinyl is manufactured in accordance with ISO9001:2015 and Project Floors' product covered by this statement 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 Heterogeneous 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 ISO 9239-1, ISO 11925-2, EN 13501-1:2007+A1, or GB 8624-2012.

D1

Heterogeneous Vinyl provides acceptable slip-resistant walking surfaces under all conditions of normal use. Depending on the Heterogeneous Vinyl collection selected, it has a slip resistance of R9, R10, R11, or R12. All products covered by this statement have been tested for slip resistance in accordance with DIN 51130, BS 7976-2, AS 4586-2013, or EN 13893 ASTM D2047.

E3

Project Floors' Heterogeneous 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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Relevant Building Code Clauses

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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 Continued

F2

Heterogeneous Vinyl materials covered by this declaration have been tested to GB/T 18586-2001, ASTM F925, QB/T2591-2003, ISO 16000-6, or ISO 26987-EN423 standards. Please refer to documentation on www.projectfloors.co.nz for more details.

G3

Please refer to www.projectfloors.co.nz for further information.

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Supporting Documentation

The following additional documentation supports the above statements:

- Heterogeneous Antibacterial Testing
- Heterogeneous Anti-Slip Property
- Heterogeneous Colour Fastness
- Heterogeneous Staining & Chemical Resistance
- Heterogeneous Dimension Stability
- Heterogeneous Effects of Castor Chair
- Heterogeneous Fire Resistance
- Heterogeneous Residual Indentation
- Heterogeneous Thermal Conductivity & Resistance
- Heterogeneous Thickness of Wear Layer
- Heterogeneous TVOC
- Heterogeneous Wear Resistance
- Heterogeneous Weight
- Heterogeneous R11 Specification
- Heterogeneous R12 Specification
- Heterogeneous Safety R12 Technical Sheet
- Heterogeneous Safety R12 Product Sheet

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 Heterogeneous 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

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