

HYBRID SPC

BPIR Declaration

Version: v.1

Designated Building Product: Class 1

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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: Hybrid SPC

Line: Hybrid SPC is the next generation of hard flooring offering a realistic timber finish, manufactured using 60% limestone composite, with an integrated acoustic backing. A very dense, durable product with a commercially rated wear layer.

Description

Hybrid SPC is a heterogeneous, versatile flooring solution designed for various environments. Made from high-quality Stone Plastic Composite (SPC), Hybrid SPC offers exceptional durability and moisture resistance, making it suitable for wet areas like bathrooms and kitchens, as well as high-traffic commercial spaces. With its multi-layered construction, Hybrid SPC provides stability, wear resistance, thermal benefits and acoustic absorption properties. Available in a variety of plank dimensions, Hybrid SPC offers flexibility to accommodate different design preferences and spatial requirements. Its range of colours, textures, and patterns allows for diverse aesthetic choices. Hybrid SPC is engineered to be anti-slip and offers health benefits, contributing to safety and comfort in any setting.

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
- Hybrid SPC 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
- Must be maintained and cared for as per the SPC 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)

G6 Airborne and impact sound — G6.3.1, G6.3.2

Contributions to Compliance

B2

Hybrid SPC has a durability of at least 10 years in commercial settings or 15 years in residential installations when cared for according to the installation, cleaning and maintenance requirements. Please refer to the warranty, installation instructions, and cleaning and maintenance guide for more details.

It has been tested according to industry standard ISO 23999 with a dimensional stability of $\leq 0.15\%$. 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: © 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 Hybrid SPC in New Zealand for over 20 years. The product has consistently surpassed a minimum service life of 5 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

Please refer to the SPC Fire Report.

D1

Hybrid SPC provides adequate slip-resistant walking surfaces under all conditions of normal use. Hybrid SPC has a slip resistance of $\geq R9$ or $R10$ DS according to reference standards DIN 51130 and EN 13893.

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G6 Airborne and impact sound — G6.3.1, G6.3.2

Contributions to Compliance Continued

E3

Hybrid SPC is impervious and easily cleaned with regard to E3.3.3, E3.3.5 and water resistant E3.3.6. It achieves the requirements when tested to ISO4760:2022 and is an E3 compliant product. Please see the E3AS1 Internal Moisture and E3 Test Report for Hybrid SPC for further information.

F2

Hybrid SPC holds a Platinum Product Health Declaration, Gold GreenGuard certification, and is Assure certified. Hybrid SPC is Indoor Air Quality Certified to SCS-EC10.3-2014 v4.1. Conforms to the CDPH/EHLB Standard Method v1.2-2017 (California Section 01350), effective April 1, 2017, for the school classroom and private office parameters when modeled as Flooring. Measured Concentration of Total Volatile Organic Compounds (TVOC): Less than/equal to 0.5 mg/m³ (in compliance with CDPH/EHLB Standard Method v1.2-2017).

- GreenTag Banned List Compliant.
- GreenTag PHD recognized by WELL™ & LEED® Material Transparency & Optimization credits included below:
- Meets Green Star® 'Buildings v1.0' as Recognized for ~ Credit 9: Responsible Finishes
- Meets IWBI® WELL™ v1.0 as Recognized for ~ Feature 26 (Part 1); Feature 97 (Part 1); as a Compliant Technical Document (Audited) for ~ Feature
- 04 (Part 3); Feature 25 (Part 1), and, meets IWBI® WELL™ v2.0 as Recognized for ~ X07 (Parts 1, 3); X08 (Part 2); as a Compliant Technical Document
- (Audited) for ~ X01 (Part 1); X05 (Part 2); X06 (Part 2); X07 (Part 2); X08 (Part 1).
- Meets USGBC LEED® v4.0 and v4.1 Rating Tool Credit as Recognized for MR Credit: Building Product Disclosure and Optimisation – Material
- Ingredients - Option 1: Material Ingredient Reporting, Option 2: International ACP - REACH Optimisation.
- Highly unlikely worker, user, and environmental exposure to any Carcinogens, Mutagens, Reproductive Toxicant or Endocrine Disruptors. Please refer to documentation on www.projectfloors.co.nz for more details.

G3

Hybrid SPC is impervious and easily cleaned, and free from hazardous materials.

G6

Hybrid SPC has an airborne sound insulation of IIC: 68 as per the ASTM E492-09(2016) & ASTM E989-21 tests. Please see the acoustic report for Hybrid SPC.

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Supporting Documentation

The following additional documentation supports the above statements:

- SPC Flyer
- SPC E3AS1 Internal Moisture Solution
- SPC E3 Test Report
- SPC Specification
- SPC Fire Report
- SPC Acoustic Report
- SPC Thermal Report
- SPC Detailed Specification
- SPC Installation & Maintenance
- SPC Polymer Adhesive
- SPC Recommended Flexible Silicon
- SPC Assure Certificate
- SPC Floorscore Certificate
- SPC Greenguard Gold Certificate
- SPC Greenguard Test Report
- SPC GreenTag Certification
- SPC Indoor Air Comfort Gold Certification

For further information supporting Hybrid SPC 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 Hybrid SPC 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

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.

G6 Airborne and impact sound

G6.3.1

The Sound Transmission Class of walls, floors and ceilings, shall be no less than 55.

G6.3.2

The Impact Insulation Class of floors shall be no less than 55.

Contact Details

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