

# PROTILE

## **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:** ProTile Carpet Tile

**Line:** Project Floors' ProTiles can be specified with EcoTX™ acoustic, Eurobac, or PVC backing. The ProTile is a carpet tile or plank formed of tufted carpet woven onto a tile or plank format to be used as a wall-to-wall covering.

Project Floors NZ Ltd supplies carpet tiles comprising of a synthetic fibre pile and can be sustainably manufactured using Thrive® Matter (carbon-negative fibre) or Econyl® (regenerated nylon made from ocean waste). This tufted pile is woven into the backing of choice, most frequently, our EcoTX™ acoustic backing material which is made with Econyl®.

Carpet tiles and planks are recommended to be laid using our pressure sensitive carpet tile adhesive, ProjectStik. This is non-hazardous and regulated under NZ5433 for land transportation. Free of high levels of VOCs and no Red List components, it does not require airing to 'off-gas' after installation.

## Description

All Project Floors' ProTiles can be purchased in 500 x 500mm or 250mm x 1000mm if the plank format. Users have a choice of specifying our carbon-negative carpet fibre, Thrive® Matter, Econyl®, a regenerated nylon made from reclaimed ocean-waste, or virgin-solution-dyed nylon.

The ProTile range can be customised into various shapes, colours and yarn types. EcoTx™ acoustic backing provides increased acoustic and thermal benefits. We apply this in the manufacturing stage, which means total assurance in performance and enhanced benefits. When tiles are backed by EcoTx™, this offers superior acoustics in both NRC and IIC.

## Scope of Use

- For all building classified uses
- Commercial
- High Traffic areas
- Exposed sunlight
- With wheels
- Residential
- Appropriate for Access Routes

## Conditions of Use

- Interior use only
- Inappropriate for placement within 1.5m of sanitary fixtures or water-splash zones
- Carpet tiles must be installed using the specified adhesive as per our range statement
- Substrate preparation must be carried out in accordance with the specified adhesive 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](http://www.projectfloors.co.nz)

# PROJECT FLOORS

## 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**

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

## Contributions to Compliance

### B2

All our ProTile carpet tiles and planks have a durability of at least 15 years 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.

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.
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B2/VM1 1.1.1 In terms of its operational record, Project Floors NZ has been providing carpet tiles 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

All products covered by this statement have been tested in accordance with ISO9239-1:20101 or EN 14041 CE Mark, under EN 1307 meeting a minimum 5-year durability requirement. Samples tested were conditioned in accordance with BSEN 13238:2010 at a temperature of 23±2°C and relative humidity of 50±5% for a minimum of 48 hours prior to testing. Passed GB 8624-2006 flammability test. Test reports are available at [www.projectfloors.co.nz](http://www.projectfloors.co.nz)

### D1

Access All products covered by this statement are an acceptable solution as defined under D1/AS1, 2.1.2 (b).

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## Contributions to Compliance Continued

### F2

Depending on the fibre choice, some ProTiles are C2C Certified Material Health Gold Level fibre with the following product optimisation details:

- Cradle to Cradle certified restricted substances list compliant
- No exposure to EU CLP Category 1 & 2 Carcinogens. Mutagens and Reproductive toxicants or Substances of Very High Concern: Carbon-bonded halogens are <1% of each material (exemptions apply)
- Product is optimised for material health (no grey or x-assessed chemicals)

Please refer to documentation on [www.projectfloors.co.nz](http://www.projectfloors.co.nz) for further information.

### G6

Service & Facilities G6.3.2 sets the impact insulation class of floors shall be no less than 55. Project Floors' ProTile with EcoTX™ acoustic backing greatly reduces impact noise as well as ambient noise along with providing a more ergonomic working surface. 0.25 NRC compared to 0.20 or less for competitive floor coverings 0.26 Sound Absorption Average  
Please refer to acoustic tests available at [www.projectfloors.co.nz](http://www.projectfloors.co.nz)

# PROJECT FLOORS

## Supporting Documentation

The following additional documentation supports the above statements:

- ProTile with ExoTX Specifications
- ProTile with ExoTX Installation Instructions
- ProTile with EcoTX Cleaning & Maintenance
- ProTile Acoustic Report IIC
- ProTile Acoustic Report NRC
- ProTile Carpet Adhesive Test Certificate
- ProTile Carpet Adhesive MSDS
- ProTile Carpet Adhesive VOC
- ProTile with EcoTX Fire Report
- ProTile with EcoTX GreenRate Level A Certificate
- Thrive ProTile Specification
- Thrive EPD
- Thrive GreenCircle
- Thrive Cradle to Cradle Gold Material Health
- ProTile Green Leaf Certification

For further information supporting ProTile Carpet Tile 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 ProTile Carpet Tiles are 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**

# PROJECT FLOORS

## 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/m<sup>2</sup> 2.2 kW/m<sup>2</sup> Exitways in all other buildings 2.2 kW/m<sup>2</sup> 2.2 kW/m<sup>2</sup> Firecells accommodating more than 50 persons 2.2 kW/m<sup>2</sup> 1.2 kW/m<sup>2</sup> All other occupied spaces except household units 1.2 kW/m<sup>2</sup> 1.2 kW/m<sup>2</sup>

### 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.

### 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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