

ProTile with EcoTX Acoustic Backing BPIR Declaration

Version: v.1 February 2024

Designated Building Product: Class 1

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 with EcoTX™ Acoustic Backing
Line	<p>ProTile with EcoTX™ acoustic backing range are carpet tiles or planks formed of tufted carpet woven onto a tile or plank format to be used as a wall-to-wall covering.</p> <p>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 our trade-marked EcoTX™ acoustic backing material which is made with Econyl®.</p> <p>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.</p> <ul style="list-style-type: none">- Solvent-free- Water-based- Non-staining- Permanently tacky for installation of Project Floors' ProTiles- Allows for uplift and rotation of carpet tiles, further extending the life of the ProTile

Description

All of the ProTile with EcoTX™ acoustic backing tiles 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 SDN.

Details specific to each range can be located at www.projectfloors.co.nz

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.

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Scope of Use

Superior Acoustics with premium comfort – ProTile with EcoTx™ acoustic backing offers superior acoustics in both NRC and IIC while offering the looks to suit. Its unique built-in underlay system at manufacturing stage, means total assurance in performance and enhanced benefits.

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

Decorative and functional acoustic soft floor covering for education, retail and commercial interiors. Design possibilities with modular flooring for ultimate creative solutions. Mix and Match design for education and commercial sectors to create functional spaces and areas. Modular room divider for display, privacy and sound absorption.

Please refer to the installation instructions, care and maintenance guidelines for detailed conditions of use. These can be located at www.projectfloors.co.nz

Building Code Obligations

When installed Project Floors' ProTile with EcoTX Acoustic Backing meet the requirements under the building code as detailed below:

Code Clauses	Contributions to Compliance
B2 Durability — B2.3.1 (c)	<p>B2 Durability & Stability</p> <p>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.</p> <p>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:</p> <ul style="list-style-type: none">• 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. <p>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.</p>
C3 Fire affecting areas beyond the fire source — C3.4 (b)	<p>C3 Protection from Fire</p> <p>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.</p>

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C3 Fire affecting areas beyond the fire source — C3.4 (b)	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
D1 Access Routes — D1.3.3 (d)	D1 Access All products covered by this statement are an acceptable solution as defined under D1/AS1, 2.1.2 (b).
F2 Hazardous building materials — F2.3.1	F2 Safety When you opt to use Thrive® Matter as your front-facing fibre, you are choosing a C2C Certified Material Health Gold Level fibre with the following product optimisation details: <ul style="list-style-type: none">• 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 the installation and maintenance guidelines for further information.
G6 Airborne and impact sound — G6.3.1, G6.3.2	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

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 with EcoTX™ Acoustic Backing claims refer to our website: www.projectfloors.co.nz

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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

Conditions of Use

Project Floors ProTile with EcoTX™ acoustic backing must be installed according to Industry Best Practices guidelines published by FloorNZ, and maintained according to Project Floors' Care and Maintenance guidelines.

For all specification, installation, maintenance and warranty information and other information supporting Project Floors' claims refer to www.projectfloors.co.nz

No Project Floors Carpet Tiles are subject to a ban issued under Section 26 of the Building Act.

Environmental Credentials*



- dependent on which facing fibre you opt for (Thrive® Matter or Econyl®) depends on the environmental credentials link.

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 with EcoTX™ Acoustic Backing 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

AUCKLAND DESIGN HUB:
55A Barrys Point Road, Takapuna, Auckland 0622

CHRISTCHURCH DESIGN HUB:
41 Welles Street, Christchurch Central 8011

AUCKLAND WAREHOUSE:
24A Fremlin Place, Avondale 1026

Additional Information BPIR Ready Selections

Category: Floor Coverings

	Yes	No
Use on access routes		x
Use in areas with floor surface fire obligations	x	
Use in wet areas		x
Use in food preparation areas		x
Part of a system for acoustic performance	x	

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*

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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.