

Product Information Declaration



FLOORING SYSTEMS

Tessera Carpet Tile

Document Version	V1 - December 2023
Product Class	Class 1
Category	Flooring
Product Type	Carpet Tile
Manufacturer	Forbo Holdings Ltd.
Product	Tessera Carpet Tile
Ranges	Various options available, see www.forbo.com for options
Identifier	ProBac
Format/s	Various pile finishes & weights 50x50cm Tile , 25cmx1m Plank
Materials	Nylon Yarn with ProBac Backing
Area of use	Residential and Commercial Interior floors, in dry areas. Commercial Very Heavy Duty Use - class 33.

Conditions of use

Forbo Tessera carpet Tiles must be installed by a qualified trades person in accordance with FloorNZ's Best Practice Guidelines and must be installed in accordance with the Forbo Tessera Carpet Tiles Vinyl Installation Guide.

Use material from the same batch/dye lot. The use of different production batches will always result in visible shade differences. The batch number is clearly marked on the material packaging and must be checked before commencement of installation.

Underlays are not required with Forbo Tessera Carpet Tile, however Sarlibase Acoustic Underlay is suitable to use if additional acoustic performance is required.

If using Forbo Tessera Carpet Tile on stairs, stairs must have the appropriate stair nosing applied.

Forbo Coral Entrance Matting is intended to be used at every entrance and exit point of a building, a distance of 3 meters is recommended. This protects Forbo Tessera Carpet Tiles against excessive soiling from outside contaminants. For the visual aesthetic benefit of the building occupants, where high levels of foot traffic are expected, dark colours with pattern are recommended.

New Zealand Building Code Compliance

Section of Code	Product Compliance															
<p>B2 Durability</p> <p>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: 1. the building elements (including services, linings, renewable protective coatings, and fixtures) are easy to access and replace, and 2. failure of those building elements to comply with the building code would be easily detected during normal use of the building.</p>	<p>Forbo Tessera Carpet Tile has a standard product warranty of 15 years and is produced in accordance with ISO9001:2015 Quality Management Systems and ISO14001:2015 Environmental Management Systems, requirements.</p> <p>Refer to the Forbo 15-year Standard Product Warranty, Installation, and Care & Maintenance documentation for further information.</p>															
<p>C3 Surface Linings</p> <p>C3.4 (b) floor surface materials in the following areas of buildings must meet the performance criteria specified below: Area of building minimum critical radiant flux when tested to ISO 9239-1: 2010.</p> <table border="1" data-bbox="79 1048 782 1865"> <thead> <tr> <th data-bbox="79 1048 327 1243">Area</th> <th data-bbox="327 1048 558 1243">Buildings not protected with an automatic fire sprinkler system</th> <th data-bbox="558 1048 782 1243">Buildings protected with an automatic fire sprinkler system</th> </tr> </thead> <tbody> <tr> <td data-bbox="79 1243 327 1438">Sleeping areas and exitways in buildings where care or detention is provided</td> <td data-bbox="327 1243 558 1438">4.5 kW/m²</td> <td data-bbox="558 1243 782 1438">2.2 kW/m²</td> </tr> <tr> <td data-bbox="79 1438 327 1543">Exitways in all other buildings</td> <td data-bbox="327 1438 558 1543">2.2 kW/m²</td> <td data-bbox="558 1438 782 1543">2.2 kW/m²</td> </tr> <tr> <td data-bbox="79 1543 327 1709">Firecells accommodating more than 50 persons</td> <td data-bbox="327 1543 558 1709">2.2 kW/m²</td> <td data-bbox="558 1543 782 1709">1.2 kW/m²</td> </tr> <tr> <td data-bbox="79 1709 327 1865">All other occupied spaces except household units</td> <td data-bbox="327 1709 558 1865">1.2 kW/m²</td> <td data-bbox="558 1709 782 1865">1.2 kW/m²</td> </tr> </tbody> </table>	Area	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 ²	2.2 kW/m ²	Exitways in all other buildings	2.2 kW/m ²	2.2 kW/m ²	Firecells accommodating more than 50 persons	2.2 kW/m ²	1.2 kW/m ²	All other occupied spaces except household units	1.2 kW/m ²	1.2 kW/m ²	<p>All Forbo Tessera Carpet Tiles maintain valid test reports showing a Critical Radiant Flux (CRF) value over 4.5kW/m² meeting all levels of C3 requirements.</p>
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<p>D1 Access Routes</p> <p>D1.3.3 Access routes shall: (d) have adequate slip-resistant walking surfaces under all conditions of normal use.</p>	<p>Carpet is considered an acceptable dry slip solution and is compliant for access routes as per the D1/AS1 Table 2 areas of use guidance. Therefore, SRV reports are not required.</p>															

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<p>E3 Internal Moisture</p> <p>E3.3.3 Floor surfaces of any space containing sanitary fixtures or sanitary appliances must be impervious and easily cleaned.</p> <p>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.</p> <p>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.</p>	<p>Forbo Tessera Carpet Tiles are easy to clean and are impervious and water resistant.</p> <p>Refer to the Tessera Carpet Tile cleaning and maintenance Guide and Installation Guide for more information.</p>
<p>F2 Hazardous Building Materials</p> <p>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.</p>	<p>No components within Forbo Tessera Carpet Tiles are considered Hazardous.</p> <p>Refer to the Forbo Tessera Carpet Tile Material Safety Data Sheet and VOC Report documents for further information.</p>
<p>G3 Food preparation and prevention of contamination</p> <p>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 .</p> <p>G6 Airborne and impact sound</p> <p>G6.3.1 The Sound Transmission Class of walls, floors and ceilings, shall be no less than 55.</p> <p>G6.3.2 The Impact Insulation Class of floors shall be no less than 55.</p>	<p>G3.3.2 Forbo Tessera Carpet Tile inhibits the growth of bacteria, is allergy friendly, has low emissions, and is phthalate free.</p> <p>G6.3.1 & 6.3.2 Tessera Carpet Tiles achieve a sound impact reduction of 22dB. For IIC, a field test with the subfloor and ceiling assembly needs to be performed to ensure the IIC value of 55 is reached for each individual project application.</p>
<p>Warnings & Bans</p>	<p>This product is not subject to any warnings or bans under section 26 of the Building Act 2004</p>

Supporting Documentation

For all specification, installation, care & maintenance, warranty, tests reports and other supporting documentation, refer to www.inzide.co.nz

Contact Details

Product Manufacturer

Forbo Flooring Systems

www.forbo.com

Manufacturing sites:

Assendelft, The Netherlands

Coevorden, The Netherlands

Giubiasco, Switzerland

Kirkcaldy, Scotland

Reims, France

Krommenie, The Netherlands

Bamber Bridge, United Kingdom

Ripley, United Kingdom

Telford, United Kingdom

New Zealand Supplier

Inzide Commercial Ltd.

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NZBN: 714832

Responsible Person

In accordance with regulation 8, as the responsible person, 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.



Signed for and on the behalf of Inzide Commercial Ltd and Forbo Inc.

Steve Aschebrock
Managing Director,
Inzide Commercial Ltd.

8/12/2023