

# Product Information Declaration



FLOORING SYSTEMS

## Allura Flex

<b>Document Version</b>	V1 - December 2023
<b>Product Class</b>	Class 1
<b>Category</b>	Flooring
<b>Product Type</b>	Heterogeneous Luxury Vinyl Tiles
<b>Manufacturer</b>	Forbo Holdings Ltd.
<b>Product</b>	Forbo Allura Flex Luxury Vinyl Tile
<b>Ranges</b>	Various options available, see <a href="http://www.forbo.com">www.forbo.com</a> for options
<b>Identifier</b>	FL1 / FL5
<b>Format/s</b>	Thickness: 5 mm   Tiles 50x50, 100x100, Planks: 120x20, 100x15, 100x50, 75x15.
<b>Materials</b>	Comprised of a embossed PUR-lacquer, transparent durable PVC wear layer, printed design layer, and a thick glass fleece is the basis for dimensional stable planks and tiles.
<b>Area of use</b>	Residential and Commercial Interior floors, in dry areas and areas of “watersplash” under E3 Installation Requirements. Commercial Very Heavy Duty Rated use class 34 and Industrial Use class 43.

### Conditions of use

Forbo Allura Flex Luxury Vinyl Tile must be installed by a qualified trades person in accordance with FloorNZ’s Best Practice Guidelines to meet NZS/AS 1884:2013 – Floor Coverings: Resilient Sheet and Tiles – Installation practices and must be installed in accordance with the Forbo Allura Flex Installation Guide, including and without limitation Forbo’s subfloor moisture and requirements and initial floor preparation procedures, all as set out in the Forbo Installation Guide. It must be cleaned and maintained as per the Forbo Allura Cleaning and Maintenance Guide.

Forbo Allura Flex is to be installed with a hard-set adhesive as per the Forbo Allura Installation Guide. Underlays are not required with Forbo Eternal Vinyl, however Sarlibase Acoustic Underlay is suitable to use if additional acoustic performance is required.

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 Allura Flex against excessive soiling from outside contaminants.

# New Zealand Building Code Compliance

Section of Code	Product Compliance															
<p><b>B2 Durability</b></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 Allura Flex has a Standard Product Warranty of 15 years.</p> <p>It is produced in accordance with ISO 9001:2015 Quality Management Systems and ISO 14001:2015 Environmental Management Systems, requirements.</p> <p>Refer to the Forbo 15-year Standard Product Warranty, Allura Technical Specification, Forbo Allura Flex Installation guide, Forbo Allura Flex Care &amp; Maintenance documentation for further information.</p>															
<p><b>C3 Surface Linings</b></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="81 1048 778 1872"> <thead> <tr> <th data-bbox="81 1048 325 1240">Area</th> <th data-bbox="330 1048 558 1240">Buildings not protected with an automatic fire sprinkler system</th> <th data-bbox="563 1048 778 1240">Buildings protected with an automatic fire sprinkler system</th> </tr> </thead> <tbody> <tr> <td data-bbox="81 1247 325 1435">Sleeping areas and exitways in buildings where care or detention is provided</td> <td data-bbox="330 1247 558 1435">4.5 kW/m<sup>2</sup></td> <td data-bbox="563 1247 778 1435">2.2 kW/m<sup>2</sup></td> </tr> <tr> <td data-bbox="81 1442 325 1541">Exitways in all other buildings</td> <td data-bbox="330 1442 558 1541">2.2 kW/m<sup>2</sup></td> <td data-bbox="563 1442 778 1541">2.2 kW/m<sup>2</sup></td> </tr> <tr> <td data-bbox="81 1547 325 1704">Firecells accommodating more than 50 persons</td> <td data-bbox="330 1547 558 1704">2.2 kW/m<sup>2</sup></td> <td data-bbox="563 1547 778 1704">1.2 kW/m<sup>2</sup></td> </tr> <tr> <td data-bbox="81 1711 325 1872">All other occupied spaces except household units</td> <td data-bbox="330 1711 558 1872">1.2 kW/m<sup>2</sup></td> <td data-bbox="563 1711 778 1872">1.2 kW/m<sup>2</sup></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 <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>	<p>All Forbo Allura Flex Luxury Vinyl Tiles maintain valid test reports showing Critical Radiant Flux (CRF) value over 4.5kW/m<sup>2</sup> meeting all levels of C3 requirements.</p>
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<p><b>D1 Access Routes</b></p> <p>D1.3.3 Access routes shall: (d) have adequate slip-resistant walking surfaces under all conditions of normal use.</p>	<p>Allura Flex is an acceptable solution for dry level areas with a valid test report showing a Slip Resistance Value of 31. Refer to the Allura Flex Luxury Vinyl Tile Slip Report for further information.</p>															

Section of Code	Product Compliance
<p><b>E3 Internal Moisture</b></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>Allura Flex Luxury Vinyl Tiles are easily cleaned as per the Forbo Allura Flex Cleaning and Maintenance guide.</p> <p>Allura Flex Luxury Vinyl Tiles are Impervious and water resistant. To meet E3 requirements they must be installed as part of an approved impervious system, including a waterproof adhesive. Refer to the adhesive manufacturers guidance for E3 installation compliance for further information.</p>
<p><b>F2 Hazardous Building Materials</b></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 Allura Flex Luxury Vinyl Tiles are considered Hazardous. Refer to the Forbo Allura Flex Material Safety Data Sheet and VOC Report documents for further information.</p>
<p><b>G3 Food preparation and prevention of contamination</b></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><b>G6 Airborne and Impact Sound</b></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 Allura Flex inhibits bacterial growth and is Phthalate free.</p> <p>G6.3.1 &amp; 6.3.2 Forbo Allura Flex achieves a FIIC score above 55. However, generic test results like this are an indication only, and 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><b>Warnings &amp; Bans</b></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](http://www.inzide.co.nz)

## Contact Details

### Product Manufacturer

Forbo Flooring Systems

[www.forbo.com](http://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.

Level 2, 34 Barry's Point Road

Takapuna, 0632

0800 800 656

[www.inzide.co.nz](http://www.inzide.co.nz)

[sales@inzide.co.nz](mailto:sales@inzide.co.nz)

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