

# Product Information Declaration



FLOORING SYSTEMS

## Colorex EC Electro Conductive Vinyl Tile

<b>Document Version</b>	V1 - December 2023
<b>Product Class</b>	Class 1
<b>Category</b>	Flooring
<b>Product Type</b>	Electro Conductive Vinyl Tiles
<b>Manufacturer</b>	Forbo Holdings Ltd.
<b>Product</b>	Colorex EC Electro Conductive Vinyl Tile
<b>Ranges</b>	Various options available, see <a href="http://ww.forbo.com">ww.forbo.com</a> for options
<b>Identifier</b>	Colorex EC
<b>Format/s</b>	Thickness: 2 mm   Tile 61.5cmx61.5cm
<b>Materials</b>	PVC floor covering
<b>Area of use</b>	Forbo Colorex EC is suitable for interior use only, in normally dry level areas. Commercial Very Heavy Duty Rated use class 34 and Light Industrial Use class 43. Colorex EC Tiles are static dissipative and conductive $5 \times 10^4 \Omega$ - $1 \times 10^6 \Omega$

### Conditions of use

The installation of Colorex EC should be carried out in accordance with NZS 1884-2013 “Resilient sheet and tiles laying and maintenance practices.” And must be installed by a qualified trades person in accordance with FloorNZ’s Best Practice Guidelines and installed in accordance with the Forbo Colorex EC/SD Installation Guide. Forbo Colorex EC is to be installed using a low emission EC1 adhesive is recommended, with 801 Eurostrip Copper Tape. Colorex EC must be cleaned and maintained in accordance with the Forbo Cleaning Guide.

Underlays can not be used with Colorex EC.

If using Forbo Colorex EC 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 Colorex EC 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 Colorex EC has a Standard Product Warranty of 15 years.</p> <p>They are produced in accordance with ISO 9001:2015 Quality Management Systems and ISO 14001:2015 Environmental Management Systems, requirements.</p> <p>Refer to: Forbo 15-year Standard Product Warranty, Colorex EC Technical Specification, Forbo Colorex EC/SD Installation guide, Forbo Colorex 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>			<p>Forbo Colorex EC maintains a valid test report showing Critical Radiant Flux (CRF) value over 4.5kW/m<sup>2</sup> meeting all levels of C3 requirements.</p>
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><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>Colorex EC is an acceptable solution for dry level areas. It is compliant for access routes as per the D1 3.3. Refer to the Colorex EC 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>Forbo Colorex EC is easy to clean and is impervious and water resistant.</p> <p>Refer to the Colorex EC cleaning and maintenance Guide and Installation Guide for more 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 Colorex EC are considered Hazardous.</p> <p>Refer to the Forbo Colorex EC 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 Colorex EC inhibits bacterial growth and is Phthalate free.</p> <p>G6.3.1 &amp; 6.3.2 Colorex EC has a footfall sound absorption of 2 dB. However, test results like this are an indication only, and a field test with the subfloor and ceiling assembly still needs to be performed to ensure the IIC value of 55 is reached for each individual project application. Refer to Earcon Acoustic Report for more information.</p>
<p><b>Warnings &amp; Bans</b></p> <p><b>Supporting Documentation</b></p>	<p>This product is not subject to any warnings or bans under section 26 of the Building Act 2004</p>

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.

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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