

# Product Information Declaration



FLOORING SYSTEMS

## Sphera SD Homogeneous Vinyl

<b>Document Version</b>	V1 - December 2023
<b>Product Class</b>	Class 1
<b>Category</b>	Floor Coverings
<b>Product Type</b>	Static Dissipative Homogeneous Vinyl
<b>Manufacturer</b>	Forbo Holdings Ltd.
<b>Product</b>	Sphera SD Homogeneous Vinyl
<b>Ranges</b>	Various options available, see <a href="http://www.forbo.com">www.forbo.com</a> for options
<b>Identifier</b>	Sphera SD
<b>Format/s</b>	Rolls: 2m x 27m
<b>Materials</b>	Made of a 2mm thick PVC sheet.
<b>Area of use</b>	Forbo Sphera SD 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. Sphera SD is static dissipative achieving $1 \times 10^6 \Omega$ - $1 \times 10^8 \Omega$ .

### Conditions of use

Not only do dissipative floors need grounding, but also personnel should wear groundable footwear, e.g. ESD footwear. It is best to consult your ESD Co-Ordinator or a Static Control Specialist to discuss the level of control best suited for your requirements.

The installation of Sphera SD 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 Installation Guide. When installing Sphera SD, low emission EC1 (plasticizer resistant, acrylic dispersion) adhesives are recommended, such as UZIN KE2000SL or ARDEX AF 2270 or equivalent and always in combination with 801 Eurostrip Copper Tape. Sphera SD must be cleaned and maintained in accordance with the Forbo Cleaning Guide.

Underlays are not suitable with Sphera SD Vinyl,

If using Forbo Sphera SD Vinyl 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 Sphera SD Vinyl 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 Sphera SD Vinyl 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 &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="79 1048 780 1872"> <thead> <tr> <th data-bbox="79 1048 325 1240">Area</th> <th data-bbox="327 1048 558 1240">Buildings not protected with an automatic fire sprinkler system</th> <th data-bbox="560 1048 780 1240">Buildings protected with an automatic fire sprinkler system</th> </tr> </thead> <tbody> <tr> <td data-bbox="79 1243 325 1435">Sleeping areas and exitways in buildings where care or detention is provided</td> <td data-bbox="327 1243 558 1435">4.5 kW/m<sup>2</sup></td> <td data-bbox="560 1243 780 1435">2.2 kW/m<sup>2</sup></td> </tr> <tr> <td data-bbox="79 1438 325 1541">Exitways in all other buildings</td> <td data-bbox="327 1438 558 1541">2.2 kW/m<sup>2</sup></td> <td data-bbox="560 1438 780 1541">2.2 kW/m<sup>2</sup></td> </tr> <tr> <td data-bbox="79 1543 325 1704">Firecells accommodating more than 50 persons</td> <td data-bbox="327 1543 558 1704">2.2 kW/m<sup>2</sup></td> <td data-bbox="560 1543 780 1704">1.2 kW/m<sup>2</sup></td> </tr> <tr> <td data-bbox="79 1706 325 1872">All other occupied spaces except household units</td> <td data-bbox="327 1706 558 1872">1.2 kW/m<sup>2</sup></td> <td data-bbox="560 1706 780 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>Forbo Sphera SD Vinyl maintains a valid test report showing a 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>Sphera SD is an acceptable solution for dry level areas. It compliant for access routes as per the D1 3.3. Refer to the Sphera SD Slip Report for further information.</p>															

Section of Code	Product Compliance
<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 Sphera SD Vinyl are considered Hazardous.</p> <p>Refer to the Material Safety Data Sheet and VOC Report for Forbo Sphera SD Vinyl documents.</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