

Product Information Declaration



FLOORING SYSTEMS

Safestep R11 Safety Vinyl

Document Version	V1 - December 2023
Product Class	Class 1
Category	Flooring
Product Type	Heterogeneous Safety Vinyl Sheet
Manufacturer	Forbo Holdings Ltd.
Product	Safestep R11 Safety Vinyl
Ranges	Various options available, see www.forbo.com for options
Identifier	R11
Format/s	Thickness: 2mm Rolls 2mx 25 m
Materials	Recycled PVC backing and encapsulation fibreglass fleece with a pigment PVC treatment wear layer. quartz, carborundum, glass particles for slip resistance PUR pearl surface.
Area of use	Residential and Commercial Interior floors, in dry and wet areas including ramped areas and areas of "watersplash" under E3 Installation Requirements. Heavy Duty Domestic Use - Class 23, Commercial Very Heavy Duty Use - class 34 and Industrial Use - Class 43.

Conditions of use

Safestep R11 Safety Vinyl 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 also be installed in accordance with the Forbo Step Safety Vinyl Installation document. Step Safety Vinyl must be installed using a permanent wet area adhesive. Seams are to be welded with Step Vinyl Rod Weld. Surestep R10 Vinyl must be cleaned and maintained in accordance with the Forbo Safety Vinyl Cleaning Guide..

Use material from the same batch/dye lot and install in roll number sequence. 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 Safestep R11 Safety Vinyl's however Sarlibase Acoustic or TE underlays can be use if 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 Sphera Vinyl against excessive soiling from outside contaminants.

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 Safestep R11 Safety 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, Safestep Installation, Safestep 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 1003 782 1818"> <thead> <tr> <th data-bbox="79 1003 323 1198">Area</th> <th data-bbox="328 1003 558 1198">Buildings not protected with an automatic fire sprinkler system</th> <th data-bbox="563 1003 782 1198">Buildings protected with an automatic fire sprinkler system</th> </tr> </thead> <tbody> <tr> <td data-bbox="79 1205 323 1391">Sleeping areas and exitways in buildings where care or detention is provided</td> <td data-bbox="328 1205 558 1391">4.5 kW/m²</td> <td data-bbox="563 1205 782 1391">2.2 kW/m²</td> </tr> <tr> <td data-bbox="79 1397 323 1496">Exitways in all other buildings</td> <td data-bbox="328 1397 558 1496">2.2 kW/m²</td> <td data-bbox="563 1397 782 1496">2.2 kW/m²</td> </tr> <tr> <td data-bbox="79 1503 323 1664">Firecells accommodating more than 50 persons</td> <td data-bbox="328 1503 558 1664">2.2 kW/m²</td> <td data-bbox="563 1503 782 1664">1.2 kW/m²</td> </tr> <tr> <td data-bbox="79 1671 323 1818">All other occupied spaces except household units</td> <td data-bbox="328 1671 558 1818">1.2 kW/m²</td> <td data-bbox="563 1671 782 1818">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>Forbo Safestep R11 Safety Vinyl maintains a valid test report showing Critical Radiant Flux (CRF) value over 4.5kW/m² meeting all levels of C3 requirements.</p> <p>Special attention should be given when specifying this product on walls as it achieves a group 3 rating for this type of application.</p>
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All other occupied spaces except household units	1.2 kW/m ²	1.2 kW/m ²														
<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>Forbo Safestep R11 Safety Vinyl's are an acceptable solution for dry and wet level areas including ramps, with a valid test report showing a Slip Resistance Value of 64. This product contains a sustainable grit, making it suitable for use on ramped surfaces and commercial kitchen applications.</p> <p>Refer to the Safestep R11 Safety Vinyl Slip Report for further information.</p>															

Section of Code	Product Compliance
<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 Safestep R11 Safety Vinyl is easy to clean as per the Forbo Safestep Cleaning and maintenance Guide.</p> <p>As a vinyl sheet flooring, it is impervious and water resistant.</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 Safestep R11 Vinyl are considered Hazardous.</p> <p>Refer to the Forbo Safestep R11 Safety Vinyl 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 Surestep Safety Vinyl inhibits the growth of bacteria, are allergy friendly, has low emissions, and is phthalate free.</p> <p>G6.3.1 & 6.3.2 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.

Level 2, 34 Barry's Point Road

Takapuna, 0632

0800 800 656

www.inzide.co.nz

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