

Product Information Declaration



FLOORING SYSTEMS

Flotex Sheet

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| Document Version | V1 - December 2023 |
| Product Class | Class 1 |
| Category | Flooring |
| Product Type | Flocked Flooring |
| Manufacturer | Forbo Holdings Ltd. |
| Product | Flotex Sheet |
| Ranges | Various options available, see www.forbo.com for options |
| Identifier | Colour, Borders, Naturals |
| Format/s | Colour & Naturals: Thickness 4.3mm, Rolls 2M X 30M Borders: Thickness 4.3mm, rolls 11cm x15m, 22cm x15m |
| Materials | Super dense Nylon 6.6 with PVC backing incorporating glass fibre layer |
| Area of use | Residential and Commercial Interior floors, in dry and wet level and ramped areas. Commercial Very Heavy Duty Use - class 33. |

Conditions of use

The installation of Flotex Sheet 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. Including and without limitation Forbo’s subfloor moisture and requirements and initial floor preparation procedures, all as set out in the Forbo Flotex Installation Guide and Cleaning and Maintenance 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 cannot be installed under Forbo Flotex Sheet.

If using Forbo Flotex Sheet 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 Flotex Sheet 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 Flotex Sheet 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="81 1048 780 1865"> <thead> <tr> <th data-bbox="81 1048 325 1245">Area</th> <th data-bbox="325 1048 560 1245">Buildings not protected with an automatic fire sprinkler system</th> <th data-bbox="560 1048 780 1245">Buildings protected with an automatic fire sprinkler system</th> </tr> </thead> <tbody> <tr> <td data-bbox="81 1245 325 1435">Sleeping areas and exitways in buildings where care or detention is provided</td> <td data-bbox="325 1245 560 1435">4.5 kW/m²</td> <td data-bbox="560 1245 780 1435">2.2 kW/m²</td> </tr> <tr> <td data-bbox="81 1435 325 1543">Exitways in all other buildings</td> <td data-bbox="325 1435 560 1543">2.2 kW/m²</td> <td data-bbox="560 1435 780 1543">2.2 kW/m²</td> </tr> <tr> <td data-bbox="81 1543 325 1709">Firecells accommodating more than 50 persons</td> <td data-bbox="325 1543 560 1709">2.2 kW/m²</td> <td data-bbox="560 1543 780 1709">1.2 kW/m²</td> </tr> <tr> <td data-bbox="81 1709 325 1865">All other occupied spaces except household units</td> <td data-bbox="325 1709 560 1865">1.2 kW/m²</td> <td data-bbox="560 1709 780 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>Forbo Flotex Sheet maintains a valid test report showing a 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> | |
| 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>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>Flotex is considered an acceptable dry and wet slip solution and is compliant for access routes as per the D1/AS1 Table 2. Flotex sheet achieves a SRV of 60 and has a R12 rating with a flocked surface making it suitable for use on ramped areas.</p> | | | | | | | | | | | | | | | | |

| Section of Code | Product Compliance |
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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 Flotex Sheet is easy to clean, impervious and water resistant.</p> <p>Refer to the Flotex Sheet 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 Flotex Sheet are considered Hazardous.</p> <p>Refer to the Forbo Flotex Sheet Material Safety Data Sheet and VOC Report documents for further information.</p> |
| <p>G3&6 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 Flotex Sheet inhibits the growth of bacteria, is allergy friendly, has low emissions, and is phthalate free.</p> <p>G6.3.1 & 6.3.2 Flotex Sheets achieve a sound impact reduction of 21dB. 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