

Product Information Declaration



Onyx+

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| Document Version | V1 - December 2023 |
| Product Class | Class 1 |
| Category | Wall Surfacing |
| Product Type | Heterogeneous Wall Vinyl |
| Manufacturer | Forbo Holdings Ltd. |
| Product | Onyx+ |
| Ranges | Various options available, see ww.forbo.com for options |
| Identifier | Onyx + |
| Format/s | Total Thickness: 0.9mm Rolls: 2mx21m |
| Materials | PVC & Filler |
| Area of use | Onyx+ is a durable calendered wall vinyl designed for commercial applications where contamination and infection control are key such sanitary facilities and shower areas. It is to be applied directly to the wall for wetroom applications. Onyx+ is suitable for internal use. |

Conditions of use

Forbo Onyx+ must be installed by a qualified trades person and must be handled, installed, and maintained in strict compliance with Forbo's recommended procedures and instructions as set out in the Forbo Onyx Installation Guide.

It is important to check that walls are suitably even and corners plumb and square. On the occasion that 2mm thick wall sheet is fitted the external and internal corner radius must have a minimum radius of 8mm. Pipe work projecting from walls must be at least 60mm from walls and/or corners. The distance between adjacent pipes must be at least 400mm. Where there are holes for pipes/fittings, there must be no gaps between the hole and pipe/fitting. This is essential for an effective, lasting seal after the wall covering has been installed. Any gaps must be filled and sealed. The recommended adhesive type for Onyx+ is a plasticizer-resistant, acrylic based permanent dispersion adhesive. This adhesive is to be used for all bonded areas, including, overlaps and internal corners where cove former is used. If the substrate is non-absorbent (all or parts of a wall), allow approximately 7 days drying time. If the substrate is absorbent, e.g. plasterboard, and the wall covering overlaps the floor covering on the wall, approximately 2 days drying time is sufficient.

Onyx+ is low maintenance and hygienic. It must be hot welded with colour matching welding rods for perfect water tightness and a hygienic finish.

New Zealand Building Code Compliance

| Section of Code | | Product Compliance | |
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| <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:</p> <p>(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 Onyx+ 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: Forbo 15-year Standard Product Warranty, Onyx+ Technical Specification, Forbo Onyx+ Installation guide, Forbo Onyx Care & Maintenance documentation for further information.</p> | |
| <p>C3 Surface Linings</p> <p>C3.4 (a) (a) materials used as internal surface linings in the following areas of buildings must meet the performance criteria specified below: Clause C3.4 does not apply to detached dwellings, within household units in multi-unit dwellings, or outbuildings and ancillary buildings. Performance determined under conditions described in ISO 9705: 1993</p> | | <p>Forbo Onyx+ maintains a valid test report showing it achieves a Group 1s rating for use on walls.</p> <p>Forbo Onyx+ is acceptable as a wall surfacing in all areas specified in the NZBC under C3.4 requirements.</p> | |
| Area of Building | Buildings not protected with an automatic fire sprinkler system | Buildings protected with an automatic fire sprinkler system | |
| Wall/ceiling materials in sleeping area where care or detention is provided | Material Group Number 1-S | Material Group Number 1 or 2 | |
| Wall/Ceiling material in exit ways | Material Group Number 1-S | Material Group Number 1 or 2 | |
| Wall/Ceiling materials in all occupied spaces in importance level 4 buildings | Material Group Number 1-S | Material Group Number 1 or 2 | |
| Internal surfaces of ducts for HVAC systems | Material Group Number 1-S | Material Group Number 1 or 2 | |
| Ceiling materials in crowd and sleeping uses except household units and where care or detention is provided | Material Group Number 1-S or 2-S | Material Group Number 1 or 2 | |
| Wall materials in crowd and sleeping uses except household units and where care or detention is provided | Material Group Number 1-S or 2-S | Material Group Number 1, 2, or 3 | |
| Wall/ceiling materials in occupied spaces in all other locations in buildings, including household units. | Material Group Number 1, 2, or 3 | Material Group Number 1, 2, or 3 | |
| External surfaces of ducts for HVAC systems | Material Group Number 1, 2, or 3 | Material Group Number 1, 2, or 3 | |
| Acoustic treatment and pipe insulation within air handling plenums in sleeping uses | Material Group Number 1, 2, or 3 | Material Group Number 1, 2, or 3 | |

| Section of Code | Product Compliance |
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| <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 Onyx+ are considered Hazardous.</p> <p>Refer to the Forbo Onyx+ Material Safety Data Sheet and VOC Report documents for further information.</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>G6.3.1</p> <p>A field test is recommended within the space.</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