

# Gradus Stairtile

## BPIR Declaration

Version: V04092024

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### Designated building product: Class 1

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### Declaration

Gilt Edge Industries has provided this declaration to satisfy the provisions of Schedule 1(d) of the Building (Building Product Information Requirements) Regulations 2022.

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### Product/system

<b>Name</b>	Gradus Stairtile
<b>Line</b>	Stairtile is a rubber composite material designed to provide a hard-wearing, slip-resistant finish for stairs and floors.
<b>Identifier</b>	OT25/38/51D OT25/38/51F OT51 /101R OT51RDG Stairtile Disc

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### Description

Stairtile can be used in ramps as a robust and safer solution to slip-resistant tape that is likely to require routine replacing, saving on cost and minimising disruption. It can be supplied as a complete stair covering or as an insert set into terrazzo, wood and concrete.

- OTD and RDG profiles are pre-cast into new steps.
- OTF profiles are rebated into existing steps.
- OTR profiles can be rebated as a step edge.
- Stairtile Disc to provide slip-resistance across a number of different applications.

Stairtile comes in four basic colours - Black , Brown , Yellow and White.

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## Scope of use

### Gradus Stairtile

- Suitable for use in both internal and external applications.
- Has a slip resistance rating (SRV) of 55 and can be used in areas where a rating of 50 or less is required.

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## Conditions of use

### Installation Guidelines

#### Recommended Adhesives

Interior: Giltgrip Super C - single part urethane

Exterior: Giltgrip Super C - single part urethane

1. Ensure all surfaces to which profile is to be fixed are free of water and contaminants such as dirt/dust and are flat. Nb the substrate can be damp/wet just ensure any surface water is removed.
1. Wipe underside of Stairtile with Bostik 2 Solvent to remove contaminants if visible.
2. Apply Giltgrip Super C into channel rebate in the step using a sausage applicator gun. Ensure adhesive bead is a minimum 10mm in width. Then trowel the adhesive bead out to ensure 100% coverage over the channel. With Stairtile Disc the adhesive bed should be approximately 1mm.
3. Place the Stairtile back into the channel and using a small roller, pass over the Stairtile ensuring it has complete adhesion to the substrate and that there are no trapped air pockets between the product and substrate. There should be 100% adhesive transfer from substrate onto underside of Stairtile.
4. Weight down or tape into position each Stairtile ( not required when using Stairtile discs) until the adhesive has reached sufficient bond strength (minimum 8 hours). Safe to traffic after 12 hours. Use methylated spirits to remove excess adhesive or mask off surfaces adjacent to Stairtile

### Cleaning and Maintenance Information

- Preventative Maintenance Programme : A regular scheduled maintenance programme prevents build up of dirt and grease, which if not removed will reduce the anti-slip properties of the profile and detract from the overall appearance of the product.
- Daily Cleaning: Brush down the product using a soft bristled brush and remove dust particles by wiping with a damp cloth.

- Weekly: Brush down the profiles using a soft bristled brush. With clean warm water, apply a small amount of a soap-less detergent to a wet green scotch pad and gently clean the surface of the product. During the clean, the water must be changed on a regular basis. Once the Stairtile has been cleaned thoroughly, rinse with fresh, clean water and dry with a dry lint free cloth.

NB. The use of an aggressive detergent could result in colour fade of the product.

Floor sealants, polishes or such coating should not under any circumstances be applied to Stairtile.

Stubborn marks can be removed with the use of fine wire wool. Please note the frequency of the above methods will vary depending on the location and traffic levels.

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## Relevant building code clauses

**B2 Durability – B2.3.1 (c)**

**D1 Access Routes – D1.3.3 (d)**

**F2 Hazardous building materials – F2.3.1**

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## Contributions to compliance

Building Regulations 1992 - Clause B2.3.1-Durability Gradus Stairtile, with only normal maintenance, will continue to satisfy the performance requirements of Building Regulations for 5 years.

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## Supporting documentation

The following additional documentation supports the above statements:

<b>Gradus Stairtile Technical Data Sheet</b>	2015	<a href="https://giltedge.co.nz/download/stairtile-tds?wpdmdl=12091&amp;refresh=66d90ad46cb1f1725500116">https://giltedge.co.nz/download/stairtile-tds?wpdmdl=12091&amp;refresh=66d90ad46cb1f1725500116</a>
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<b>Gradus Stairtile - PENDULUM SLIP RESISTANCE TEST</b>	Version 25 FEBRUARY 2019	<a href="https://giltedge.co.nz/download/certification?wpdmdl=9075&amp;refresh=66d76d3a67c3b1725394234">https://giltedge.co.nz/download/certification?wpdmdl=9075&amp;refresh=66d76d3a67c3b1725394234</a>
<b>Gradus Stairtile - Material Safety Data Sheet</b>	Version 1 January 2024	<a href="https://giltedge.co.nz/download/stairtile-msds?wpdmdl=12081&amp;refresh=66d76d3aa63581725394234">https://giltedge.co.nz/download/stairtile-msds?wpdmdl=12081&amp;refresh=66d76d3aa63581725394234</a>
<b>Gradus Stairtile - Installation Guidelines</b>	Version 28 February 2008	<a href="https://giltedge.co.nz/download/accessories-installation-of-stairtile?wpdmdl=12084&amp;refresh=66d8dd3d119211725488445">https://giltedge.co.nz/download/accessories-installation-of-stairtile?wpdmdl=12084&amp;refresh=66d8dd3d119211725488445</a>
<b>Gradus Stairtile - Cleaning and Maintenance Information</b>	Version 4 March 2008	<a href="https://giltedge.co.nz/download/cleaning-maintenance-stairtile?wpdmdl=12085&amp;refresh=66d8dd3d514761725488445">https://giltedge.co.nz/download/cleaning-maintenance-stairtile?wpdmdl=12085&amp;refresh=66d8dd3d514761725488445</a>
<b>Control of Substances Hazardous to Health Assessment</b>	2 August 2024	<a href="https://giltedge.co.nz/download/control-of-substances-hazardous-to-health-assessment?wpdmdl=12086&amp;refresh=66d90ad42e1ca1725500116">https://giltedge.co.nz/download/control-of-substances-hazardous-to-health-assessment?wpdmdl=12086&amp;refresh=66d90ad42e1ca1725500116</a>

For further information supporting Gradus Stairtile claims refer to our website.

## Contact details

<b>Manufacture location</b>	Overseas
<b>Legal and trading name of manufacturer</b>	
<b>Legal and trading name of importer</b>	Gilt Edge Industries
<b>Importer address for service</b>	110 Antigua Street Addington - Christchurch 8240
<b>Importer website</b>	<a href="http://www.giltedge.co.nz">www.giltedge.co.nz</a>
<b>Importer NZBN</b>	9429031908689
<b>Importer email</b>	help@giltedge.co.nz

Importer phone number

0800445833

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## Responsible person

As the responsible person as set out in Regulation 3, 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.

I can also confirm that Gradus Stairtile is not subject to a warning on ban under [s26 of the Building Act](#).

Signed for and on behalf of **Gilt Edge Industries:**

Martino Rosandi

National Supply Chain Manager

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### **GILT EDGE INDUSTRIES**

110 Antigua Street Addington - Christchurch 8240 New Zealand

0800445833 | [www.giltedge.co.nz](http://www.giltedge.co.nz)

# Appendix

Note: The below appendix includes information relating to BPIR Ready.

Publishing this information is not a requirement under BPIR. Its inclusion here is to provide a reference for how this BPIR summary was generated as well as to help summary creators understand the performance clauses suggested by BPIR Ready.

## BPIR Ready selections

Category: Floor coverings

	Yes	No
Use on access routes	x	
Use in areas with floor surface fire obligations		x
Use in wet areas	x	
Use in food preparation areas		x
Part of a system for acoustic performance		x

## Building code performance clauses

### B2 Durability

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: the building elements (including services, linings, renewable protective coatings, and fixtures) are easy to access and replace, and failure of those building elements to comply with the building code would be easily detected during normal use of the building.

## D1 Access Routes

### D1.3.3

Access routes shall:

- (d) have adequate slip-resistant walking surfaces under all conditions of normal use

## F2 Hazardous building materials

### 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.