

Glass Vice® Direct Fix and Side Mounted Stair Brackets

Product Technical Statement: 106620



Glass Vice Frameless Glass Stair solutions

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Level of assurance needed to demonstrate NZ Building Code Compliance

Supporting documentation should include technical information by manufacturer and either an independent assessment or reference to an industry-based scheme



Glass Vice® confirms that this minimum level of assurance has been met or exceeded by the following:

Aireys Consulting

[N/A](#)

Technical Statement

Product Description

Glass Vice® frameless glass solutions for stairs can be top mounted or side fixed.

Glass Vice® Direct Fix and Architectural brackets can be used both internally and externally for stair solutions.

Scope of use

Our products can be Top fixed or side fixed to the stair tread in order to achieve the desired look and feel of the space.

We have various design that enable you to get the perfect stair railing without the need for holes in the glass.

Our Frameless glass systems are specified to rigorous engineering standards and are tested independently to ensure that the highest standards are met, surpassed and maintained. Glass Vice® Direct Fix brackets meet B1 B2 F2 and F4. All PS1 Design documentation available. Full manufacturers warranty. Technical support available.

New Zealand Building Code (NZBC)

The product will, if employed in accordance with the supplier's installation and maintenance requirements, assist with meeting the following provisions of the building code:

- **Clause B1 Structure:** Performance B1.3.4, B1.3.4(a), B1.3.4(b), B1.3.4(c)
- **Clause B2 Durability:** Performance B2.3.1, B2.3.1(a), B2.3.1(b), B2.3.1(c), B2.3.2, B2.3.2(a), B2.3.2(b)
- **Clause F2 Hazardous building materials:** Performance F2.3.3(a), F2.3.3(b)
- **Clause F4 Safety from falling:** Performance F4.3.1, F4.3.2, F4.3.3, F4.3.4, F4.3.4(a), F4.3.4(b), F4.3.4(c), F4.3.4(d), F4.3.4(e), F4.3.4(f), F4.3.4(g), F4.3.4(h), F4.3.5, F4.3.5(a), F4.3.5(b)

Notes

design specifications and PS1 available on request.

Evidence

The product meets the requirements set out in the following documents, or relevant parts of cited standards within the documents:

PS1 Available on Porudcts on request.

All carry a PS1 up to and on a Very high Wind zone.

Supporting Evidence

The product has and can make available the following additional evidence to support the above statements:

Aireys Consulting

[N/A](#)

Use in Service History

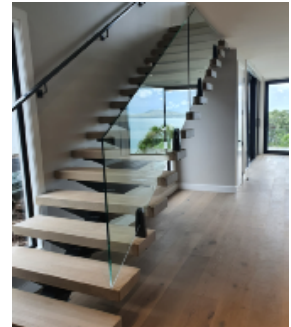
PS1 available from our Engineers,

Sullivan Hall for Clearline

Aireys for Glass Vice or Southernlites.

Product Criteria

Design requirements



masterspec partner

Company Contact Details



| | |
|-------------------|--|
| Company: | Glass Vice Products Limited |
| Physical Address: | 24C William Pickering Drive Rosedale AUCKLAND |
| Postal Address: | PO Box 65229 Mairangi Bay AUCKLAND |
| Telephone: | 64 09 4146565 |
| Email: | info@glassvice.com |
| Website: | www.glassvice.com |

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Glass Vice® glass balustrade systems comply with specifications and requirements of the building code. With a Glass Vice glass balustrade you choose Top Rail or NO TOP RAIL Glass Vice glass balustrades have a solution for both options.

You choose either a slimline top rail using Toughened safety glass or NO TOP RAIL using Laminated Sentry guard glass with a choice of Glass Vice glass balustrade solutions. Glass balustrade options by Glass Vice® are the the ideal design solution to enhance the architecture and your lifestyle.

We have Glass balustrade options available for decks, balconies, patios, staircases, steps, garden or retaining walls and even just as a glass wall or glass partition for a windbreak or a glass enclosure.

All Glass Vice® glass systems have been tested in New Zealand by New Zealand structural engineers - PS1 Design issued for consent on application.

Installation requirements

Installation specifications available upon request on our website.

Install Videos are also available on Youtube.

Maintenance requirements

specifications available upon request on our website.

Hardware is 316 marine grade stainless steel.

Warrantees

5 year warranty on installation



Date last validated: **01 December 2022**



Date last updated: **01 December 2022**

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