

Frameless glass hidden fixing balustrade with optional LED lighting

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Level of assurance needed to demonstrate NZ Building Code Compliance

Supporting documentation should include technical information by manufacturer and either a BRANZ or independent Appraisal or CodeMark



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

Glass Vice

[PS1](#)

Technical Statement

Product Description

The NEW Clearline® system uses the patented Glass Vice® technology to securely fasten the glass sheets beneath a sleek Aluminium cover panel, NZ Patent 622886 No fittings get between the view and the environment apart from robust toughened 15mm safety glass. No glass going out of alignment on timber decks which happens with existing channel systems currently on the market.

This is not a traditional channel system. This is a NEW Unique Balustrade system - the latest in Frameless Glass Balustrade design. Clearline® stainless steel clamps are side mounted, the glass is then installed by clamping in place. All the hardware is hidden behind a stylish slimline aluminium cover which can be powder coated to match Dulux colours. The Glass Vice® Clearline® system is a perfect solution for Residential and Commercial to give the clearest view of what should be celebrated not obstructed. This system has been tested and certified in New Zealand and meets all NZBC requirements.

Scope of use

The Glass Vice® Clearline® system uses the patented Glass Vice® technology with dual friction to securely fasten the glass sheets beneath a slim profile

The Clearline® System is viable for Pool Fencing, Balustrades, internal and external stair wells for residential and commercial use.

the fitted cover plate can be altered to match the surrounding environment.

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
- **Clause B2 Durability:** Performance B2.3.1(c), B2.3.2(b)
- **Clause F2 Hazardous building materials:** Performance F2.3.3, F2.3.3(a), F2.3.3(b), F2.3.3(c)
- **Clause F4 Safety from falling:** Performance F4.3.1, F4.3.4, 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

Meets B1 B2 F2 F4 standards.

Evidence

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

The product meets the requirements set out in the following documents, or relevant parts of cited standards within the documents: <https://www.glassvice.com/webform/architects/>

Supporting Evidence

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

Glass Vice

[PS1](#)

Use in Service History

All Glass Vice® glass systems have been tested in New Zealand by New Zealand structural engineers - PS1 Design issued for consent on application. Access our website for technical moments of capacity data. [data. https://www.glassvice.com/webform/architects/](https://www.glassvice.com/webform/architects/)



masterspec partner

Company Contact Details



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Product Criteria

Installation requirements

Installation manual available upon request and differs pending on the fixing detail

Maintenance requirements

please contact us through the website for advice on maintenance.

Warrantees

Glass Vice Products limited Guarantees that the material components of the Glass Vice clamps are 316 marine grade stainless steel.

The approved install must provide a PS3 for their workmanship in conjunction with the product warranty Glass vice products will not accept responsibility for damage of any kind due to defective building structure, mechanical or physical abuse or any other abnormal cause.

Company Product Information

Quality Assurance



ISO 9001 (Quality Management)

Videos

[Clearline installation Animation](#)



Date last validated: **13 May 2021**



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