

Edgetec JH Clamp Frameless Glass Balustrades

Product Technical Statement: 104441



Architecturally designed Frameless Glass Balustrade system for discerning clients

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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



Edgetec confirms that this minimum level of assurance has been met or exceeded by the following:
Nancekivell Cairn (2017) Ltd
[Producer Statement \(PS1\)](#)

Technical Statement

Product Description

Edgetec JH Clamp is an aluminium clamp system for 12mm or 15mm toughened glass panels, set at 600mm centres with a 300mm overhang. The JH Clamp achieves a less cluttered look than stainless steel disc balustrade fittings and the fixings are powder coated in NZ in a choice of modern Dulux colours .

For an almost invisible look, the JH Clamp system is available with a detail that hides both the external boundary joists and the JH Clamp, giving the illusion of glass panels floating with no obvious fixings.

As per other Juralco balustrading products, the Edgetec JH Clamp is NZS 1170 and NZS 4223.3.2016 compliant.

Scope of use

Edgetec JH Clamp Balustrade is suitable for internal or external settings, including: Domestic and Residential deck and balcony barriers, stairways, handrails, pool fencing and matching pool gates. Offices and work areas not included elsewhere including storage areas and Residential or Commercial area without obstacles for moving people and not susceptible to overcrowding.

Edgetec JH Clamp Balustrade must only be installed in accordance with the Edgetec JH Clamp product manual. Any deviation from standard fabrication or installation must be accompanied by a site specific PS1.

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(a)
- **Clause B2 Durability:** Performance B2.3.1(a)
- **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(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(a), F4.3.5(b)

Notes

AS/NZS 1170:2002

NZS 4223.2016

NZS 3603

AS/NZS 1664

AS/NZS 2208

Supporting Evidence

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

Nancekivell Cairn (2017) Ltd
[Producer Statement \(PS1\)](#)

Product Criteria

Design requirements

Refer to Juralco JH Clamp Balustrade specification and fabricators manual for design parameters and tables of maximum spans for wind zone from Low to Very High.



masterspec partner

Company Contact Details



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This specification details the documents the Juralco JH Clamp Balustrade System refers to in relation to the New Zealand Building Code, the manufacturer's documents, products used in the System, requirements in relation to fixing and surface finishings.

Installation requirements

Juralco JH Clamp Balustrade must only be installed in accordance with the Juralco JH Clamp Balustrade System manual. Any deviation from that specified in the JH Clamp balustrade manual must only be in accordance with the site specific PS1, with site specific calculations and drawings listing the non standard details.

The Juralco JH Clamp Balustrade System must only be fabricated/installed by a Juralco approved fabricator.

Company Product Information

Relationships



New Zealand Made



Date last validated: **27 August 2019**



Date last updated: **27 August 2019**

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