

Juralco Homestead Aluminium Baluster Panels

Product Technical Statement: 107484



Homestead uses prefabricated, aluminium balustrade panels for residential installations.

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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



Juralco 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

Homestead balustrades are ideal for customers wanting a strong, ready made aluminium balustrade solution for residential applications. Prefabricated panels are 1360mm wide x 975mm high and can be top mounted or face fixed with a newel post. A specially bracket is available for face fixing Homestead panels to waterproof or floating decks. Panels can also rack up to 35 degrees, which is popular for stairwells, and retaining walls or boundary fencing on slopes. Designed for NZ conditions, Homestead Balustrades have been engineered and tested to comply with the NZ Building Code and NZ standards AS/NZS1170 Occupancy A, A Other & C3. All Homestead balustrades are finished in a powder coat colour to client specifications.

Scope of use

Juralco Homestead Balustrades is suitable for Domestic and Residential deck and balcony barriers, stairways, retaining walls or boundary fencing on slopes. NOT suitable for Commercial C3 applications or pool fencing.

Homestead Balustrade must only be installed in accordance with the Homestead 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(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 3603

AS/NZS 1664

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 Homestead Balustrade specification and fabricators manual for design parameters. This specification details the documents the Juralco



masterspec partner

Company Contact Details



Company: Juralco

Physical Address: 48 Bruce McLaren Rd
Henderson
AUCKLAND

Postal Address: PO Box 21867
Henderson
AUCKLAND

Telephone: 64 09 4788018

Fax: 64 09 4787883

Email: specify@juralco.co.nz

Website: <https://www.juralcobalustrades.co.nz/products/residential-balustrades/post-and-rail-balustrade/>

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Homestead 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 Homestead Balustrade must only be installed in accordance with the Juralco Homestead Balustrade System manual. Any deviation from that specified in the Homestead 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 Homestead Balustrade System must only be fabricated/installed by a Juralco approved fabricator.



Date last validated: **29 August 2019**



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