

# Viking Aluminium Post & Baluster/Glass Balustrade

Product Technical Statement: 103987



Viking is a powder coated aluminium balustrade system, with glass or aluminium infill

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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



Viking Aluminium Post & Baluster/Glass confirms that this minimum level of assurance has been met or exceeded by the following:

Lautrec Technology Group Ltd

[Producer Statement \(PS1\)](#)

## Technical Statement

### Product Description

The Viking range is ideal for internal or external settings and is available with either toughened glass infill or vertical balusters and a choice of five different handrail styles. Designed and manufactured in NZ, Viking Balustrades have been engineered and tested to comply with NZ standards AS/NZS1170, NZS 4223.3.2016 and NZ Building Code Occupancy A, B, E & C3.

Viking Balustrade is available in either semi-frameless and framed glass finishes, or with baluster infills and split rail finish. All glass is toughened safety glass and when combined with interlinking handrails, complies with NZS 4223.3.2016. With a heavy duty base plate and secure interlocking posts for modular installation, Viking provides a high quality and trusted balustrade system that has been successfully installed throughout NZ for over 20 years. All Viking balustrades are custom made to client specification, including waterproof deck installations.

WARRANTY: 5 year product and 10 year powder coat warranty

### Scope of use

Viking Balustrade is suitable for internal or external settings, including: Domestic and Residential deck and balcony barriers, stairways, handrails, pool fencing and matching pool or stairway gates.

Viking Balustrade must only be installed in accordance with the Viking 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 4223.3.2016

NZS 3603

AS/NZS 1664

AS/NZS2208

### Supporting Evidence

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

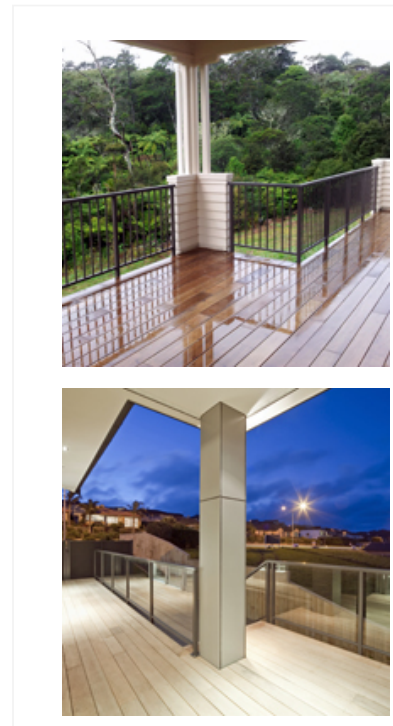
Lautrec Technology Group Ltd

[Producer Statement \(PS1\)](#)

## Product Criteria

### Design requirements

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

## Maintenance requirements

The maintenance of aluminium and glass balustrades are similar st the recommended cleaning schedule is identical. In urban areas cleaning should take place every three months and rural areas every six months. In industrial and marine environments (within 1km of the sea), cleaning with a cold water wash should be monthly, as well as six monthly with a warm water detergent wash. Regular visual inspections will help to identify and fix any issues before they could become serious and should be done every few months.

Anodised finishes with greasy deposits or hard to remove grime, should be cleaned with a soft cloth dipped in white spirit, turpentine or kerosene, then wiped with a dry rag.

Rinse off with lots of clean fresh water.

## Warrantees

Juralco Viking balustrade is warranted for 5 years.

Dulux powder coating warranty is 10 years for Duralloy and 20 years for Duratec (surface integrity).

<https://www.juralcobalustrades.co.nz/warranty/>

## Company Product Information

### Relationships



New Zealand Made



Date last validated: **01 June 2023**



Date last updated: **01 June 2023**

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