

# Edgetec Double Disc Frameless Glass Balustrade

Product Technical Statement: 109385



Modern, minimal 50mm diameter round fixing discs, choice of powder coated aluminium or SS finishes

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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:

Lautrec Technology Group Ltd

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

## Technical Statement

### Product Description

Edgetec Double Disc Anchor balustrade system is a 50mm diameter round fixing in a choice of aluminium or stainless finishes, with hidden fixing details as standard. Aluminium Double Discs are powder coated in our NZ factory, in a choice of modern colours to match the homes joinery and the frameless glass top rail. Marine Grade 316 stainless steel Double Discs in a mirror polished finish are also available.

Edgetec Double Disc Anchors face fix 12mm or 15mm toughened glass, 15.2mm or 17.2mm laminated glass, or 13.52mm or 17.52mm Sentry laminated glass. The system is suitable for balustrades, including stairs and pool fencing up to 1250mm high.

Slimline interlinking top rails (38mm x 30mm) for toughened glass panels, fixing clamps for laminated glass, or Sentry laminated glass panels ensure compliance with NZS4223.3.2016.

AS/NZS1170:2002, NZS 4223.3.2016, NZBC B1, B2, F2, F4 and F9 compliant. WARRANTY: 5 year product or 10 year powder coat warranty

### Scope of use

Edgetec Double Disc Anchor 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. 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 Double Disc Anchor Balustrade must only be installed in accordance with the Edgetec Double Disc Anchor 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 4223.3.2016

NZS 3603

AS/NZS 1664

AS/NZS 2208

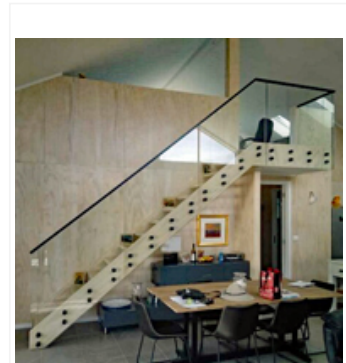
### Evidence

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

AS/NZS 1170:2002

NZS 4223.3.2016

NZS 3603



masterspec partner

### Company Contact Details



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AS/NZS 1664

AS/NZS 2208

## 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 Edgetec Double Disc Anchor Balustrade specification and fabricators manual for design parameters and tables of maximum spans for wind zone up to and including Very High wind zone. This specification details the documents the Juralco Edgetec Double Disc Anchor 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 Edgetec Double Disc Anchor Balustrade must only be installed in accordance with the Juralco Edgetec Double Disc Anchor Balustrade System manual. Any deviation from that specified in the Edgetec Double Disc Anchor 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 Edgetec Double Disc Anchor Balustrade System must only be fabricated/installed by a Juralco approved fabricator.

### Maintenance requirements

The maintenance of aluminium and glass balustrades are similar to 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 Double Disc Anchor 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: **09 March 2023**



Date last updated: **09 March 2023**

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