

Edgetec Commercial Post & Glass Balustrade

Product Technical Statement: 103988



A quality, robust aluminium post balustrade system for the demanding commercial environment

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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

The Edgetec Commercial Balustrade system incorporates all the outstanding qualities of the Juralco residential ranges into the commercial environment, offering semi frameless glass finishes up to 15mm thick.

Edgetec Commercial offers the same wide range of balustrade configurations and handrail choices; with the ability to accept heavier loads. The system is extremely versatile and can be custom made in a range of configurations, then powder coated in a choice of colours to meet most modern architectural requirements.

Compliant with AS/NZ 1170.1.2002 C3, C4 and D and NZS 4223.3.2016.

WARRANT: 5 year product and 10 year powder coat warranty

Scope of use

Edgetec Commercial Post Balustrade is suitable for internal or commercial settings, including internal and external balconies, retail areas, stairs and landings. Suitable for Occupancy A, B, E, C1/C2, C3 and D Occupancy Types.

Edgetec Commercial Post Balustrade must only be installed in accordance with the Edgetec Commercial 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

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 Commercial Post Balustrade specification and fabricators manual for design parameters and tables of maximum spans for wind zone up to and including Very High.

masterspec partner

Company Contact Details



Brand: Edgetec

Company: Juralco

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This specification details the documents the Juralco Edgetec Commercial Post 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 Commercial Post Balustrade must only be installed in accordance with the Edgetec Commercial Post Balustrade System manual. Any deviation from that specified in the Edge balustrade manual must only be in accordance with the site specific PS1, with site specific calculations and drawings listing the non standard details. The Edgetec Commercial Post Balustrade System must only be fabricated/installed by a Juralco approved fabricator.

Warrantees

Juralco Edge 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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