

Classic design refined for modern construction with its slim profile of continuous 'fins'.

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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



Unex Postless confirms that this minimum level of assurance has been met or exceeded by the following:

CodeMark

1



Technical Statement

Product Description

UNEX's Postless Balustrade range features classic design refined for modern construction with its slim profile of continuous 'fins'. The durable 'fins' of our Postless Balustrade range replace the need for solid posts at set span distances, and are available in a range of colours and finishes to complement any build. The result is an understated look head-on and a side view similar to a grill or comb, which provides an architectural statement to complement builds which feature vertical line elements.

More than a just a balustrade, the Side Fixed Finline acts as a screen to obscure unsightly features or create a statement in an otherwise flat façade.

The seamless Topline is a top-mounted, pre-assembled system which can be attached to most substrates (concrete, timber or steel) using a mounting rail and is ideal for balconies or as fencing on retaining walls.

Powder coated in NZ with Dulux Duralloy finish or Duratec where AAMA 2604 performance is required.

Scope of use

Suitable for both interior and exterior applications including pool fencing, balconies, breezeways and stairwells.

Unex has created pre-engineered balustrade solutions which take the guesswork out of the compliance process for projects at every scale. Our engineering team regularly provides unique, one-off solutions for any architect or specifier, who is looking to push the boundaries of "normal" design.

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)

Complies with AS/NZS 1170, NZS3603, AS/NZS1664, AS/NZS 2208 and NZS 4223.3 2016

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Supporting Evidence

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



CodeMark

1

masterspec partner

Company Contact Details

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ARCHITECTURAL BARRIERS

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Product Criteria

Design requirements

Unex Postless Fin Balustrade

Product Technical Statement: 103008



Refer to UNEX fixing specification and fabricators manual for design parameters and tables of maximum spans for wind zone up to and including Very High.

Installation requirements

UNEX balustrade must be installed in accordance with the UNEX Fabricators Manual. Any deviation from standard fixing detail must be accompanied by a site specific PS1.

UNEX balustrade systems must only be installed by a network of authorised fabricators who are trained to supply and install Unex product.

Company Product Information

Relationships



New Zealand Made

Videos

[Unex 3D Scanning](#)



Date last validated: **05 September 2022**



Date last updated: **05 September 2022**

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