

COMMERCIAL & RESIDENTIAL BALUSTRADE DESIGN

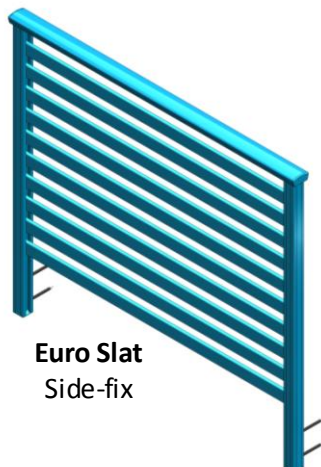
Euro Slat Balustrade & Pool Fence

Description:

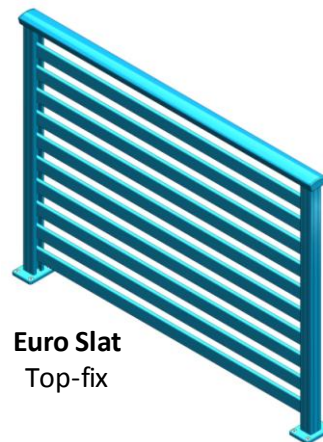
Provista Balustrade Systems Aluminum Euro Slat product features a pleasing rectangular profile suiting both classic and contemporary building design. Provista Euro Slat is a versatile solution for deck and pool screening as well as garden and driveway gates. Sizes of screen panels and gaps between slats can be fabricated to suit the required design and completed panels are held within the rebates of our semi-frameless post profiles. As such a balustrade or pool fence can comprise a combination of semi-frameless glass and Euro Slat, tailored to the desired look. For deck balustrade applications, there's a choice of flat or rounded handrail profiles and the Euro Slat panel can either be full height finishing at underside of the handrail or a gap can be left for a different visual perspective.

Key Features:

- Designed for residential and commercial applications including apartment balconies and decks
- Suitable for both interior or exterior applications
- Hidden-fixings for face-fixed solutions
- Designed for all building structures including membrane decks
- T6 Temper Grade alloy used for all profiles, providing approx. 20% increased strength for greater post spacings
- Multiple finish options – can be powder-coated or anodised in all available NZ colours, including Dulux Duratec powder coating for high-corrosion zones
- National design service to assist with project specific design and detailing
- National network of fabricators and installers
- Complies with AS/NZS 1170, NZS3603, AS/NZS 1664, AS/NZS 2208 and NZS 4223.3 2016
- 5 year warranty on balustrade, 10 year warranty on Dulux Duralloy powder-coating, 20 year warranty on Dulux Duratec powder-coating



Euro Slat
Side-fix



Euro Slat
Top-fix

“THE CHOICE IS CLEAR”

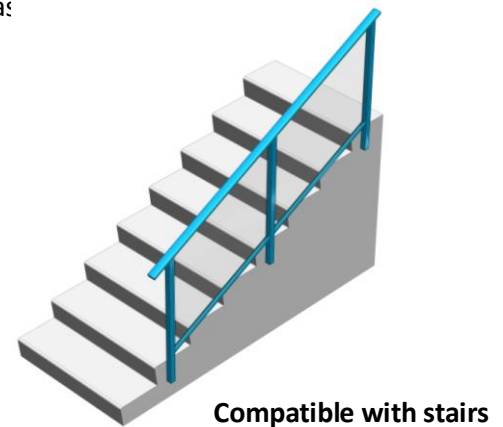
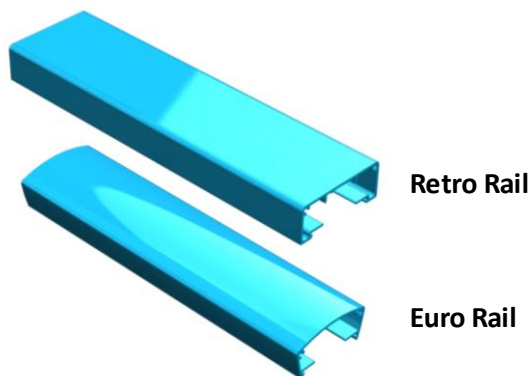
Scope of Use:

Provista Euro Slat solutions are designed to comply with A, B, E and C3 loadings for residential and commercial occupancy types and are suitable for decks, balconies, stairways, gates and landscape screening.

Suitable building structures can be timber, concrete, steel and typical combinations of each. Provista Euro Slat balustrade and pool fence solutions can also be used in conjunction with the Provista Gutter Bracket – a robust stainless steel product designed to be specified where membrane decks and gutters are required.

A rectangular(‘Retro’) handrail and rounded(‘Euro’) handrail options are available.

Address or Site-specific design and Producer Statements can be arranged as:



Limitations on Use:

- Provista Aluminium Euro Slat solutions should only be used in accordance with the Provista Technical Manual. The Manual confirms post spacings and fixing methods available
- Not suitable for Commercial Occupancy Type C5
- Specified for use in Very High Wind Zones but Site Specific PS1 and Calculations can be provided for Extreme Wind Zones
- For high corrosion zones use Dulux Duratec powder-coating

NZS 3604 MAXIMUM SUITABILITY



Very High Wind Zone

“THE CHOICE IS CLEAR”

In-service History:

Provista has over 10 years of balustrade and pool fence design, development and installation experience across New Zealand. Provista products are designed and manufactured for NZ conditions. The Provista Euro Slat styles have been installed in thousands of homes, apartments, schools, aged care villages etc.

Many kilometers of Provista framed balustrade solutions are installed across the length and breadth of NZ

Statement of Building Code Compliance:

- Provista Balustrade Systems solutions have been designed and tested by independent engineers to comply with:
 - o AS/NZS 1170 Structural Design Actions
 - o NZS3603 Timber Structures Standard
 - o AS/NZS 1664 Aluminium Structures – allowable stress design
 - o AS/NZS 2208 Safety Glazing Materials in Buildings
 - o NZS 4223.3 2016 Glazing in Buildings – Human Impact Safety Requirements
- Euro Slat Aluminium solutions are designed for Occupancy A, B, E and C3
- Designs are engineered to comply with B1, B2, F2 and F4 of the NZ Building Code
- For applications outside the Provista Technical Manual specifications a Site Specific PS1 can be prepared upon request

NZBC DESIGNED TO COMPLY

B1

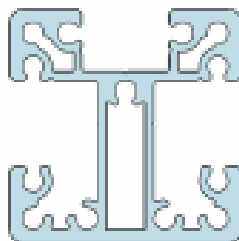
B2

F2

F4

Structure Durability Hazardous Materials Safety From Falling

Exclusive to Provista Balustrade Systems
53mm x 53mm Heavy duty Ultra 3 way post for unparalleled strength and versatility.



33142
Ultra post
53x53

“THE CHOICE IS CLEAR”