Beautiful balustrades
DESIGNER FRAMELESS GLASS BALUSTRADES & POOL FENCES
CUBOID FACE-FIXED BALUSTRADE

A discreet and invisibly fixed system for attaching glass balustrades and pool fencing without disturbing the visual appearance and aesthetics of the building facade.

This system can be used for fixing to timber, concrete or steel. The Cuboid is a continuous aluminium system that is extremely strong, yet easy to install.

**CUBOID FACE-FIX**
- Balustrade with silver pearl finish
- Internal balustrade with matte black powdercoat finish
- Staircase stringer and matching handrail

**BALUSTRADE ANCHORS**

Traditional glass anchors with built in adjustment offer an engineered look suitable for most fixing applications, indoors and outdoors. A selection of spacer size allows for various installation provisions and glass cleaning access. Different cover cap styles are available:
- Round 50 or 100mm diameter
- Square 50 x 50mm
- Rectangular 130 x 30mm

A rectangular option provides a less ‘busy’ alternative to using double fixings and can be combined with timber covers to integrate alongside timber stair treads. (see pic 6).

4. ROUND 50mm ANCHORS Options of a concealed fixing cap or through-fixed cap.
5. SQUARE ANCHORS A solution to suit linear architectural detailing. Handrail profiles are available to match.
6. RECTANGULAR ANCHORS Able to accommodate timber end covers.
CLEARVISTA MINIPOSTS

A discreet minipost for use in external and internal balustrading and pool fencing. Oval or square covers conceal the fixings for a smart finishing detail. A patented tilt-lock clamping feature allows the simplest adjustment of any minipost available.

Suitable for 12mm to 17.52mm toughened safety glass or laminated glass for added safety. And manufactured from long life 2205 Duplex Stainless to withstand coastal weather conditions.

Top Mounted or Face Mounted fixing to either timber or concrete allows the same system to accommodate different substrates and fixing aspects.

CLEARVISTA SEMI-FRAMELESS POSTS

A heavily engineered and modern design is achieved through this square aluminium post system with options of surface mounted, face fixed or grouted installation.

Concealed fixings and a strong aluminium profile ensure the ClearVista system is preferable than most designs, simply based on price alone.

Custom powdercoated colours can match existing colour schemes or joinery.

Options are available with or without handrails to maximise views or for safety concerns.
A heavy-duty, aluminium channel system with anodised covers which conceal the fixings to provide a sleek, clean profile. The unique brushed finish is extremely durable and exhibits a ‘stainless steel effect’.

Featuring a patented 30mm tilt adjustment (back and forward) which will accommodate the issues of uneven sites. An ability to make adjustments from a single side, means it’s a convenient solution for situations with limited access. Designed to be used with toughened, and toughened laminated glass up to 21.52mm thickness, for added safety and strength.

Available in 3 fixing options:

1. **SIDE FIXED**
   - Side-mounted to the building or deck substructure.

2. **TOP MOUNTED**
   - Surface mounted to the substrate. Also suitable for use in stair balustrades.

3. **RECESSED**
   - Designed for situations where it is preferable for the channel to be unseen. This system is installed prior to tile, timber or concrete laying. Two narrow covers positioned either side of the glass enable a seamless and flush finish with the floor.

**CLEARVISTA SURFACE-MOUNTED CHANNEL**

A slim profile aluminium channel system designed for top fixing to timber or concrete and appropriate for both internal and external use.

Can be installed from one side for ease of placement and maintenance.

**TOUGHENED and LAMINATED GLASS OPTIONS**

The following glass options apply when it comes to NZ Building Code compliant balustrades:

**STRENGTH**

- Toughened Safety Glass combined with an interlinking handrail is a compliant balustrade system. This involves a structural interlinking rail, capped on top of the glass (or side-mounted) and attached to each panel and to the building. The interlinking rail provides a barrier to falling in the event of glass fracture. This method provides the longest endurance from a lifecycle standpoint.

**STRENGTH & SAFETY**

- SENTINEL Laminate is toughened safety glass comprising two or more panels of toughened glass bonded by a plastic EVA interlayer. No handrail is required provided small interconnecting clamps are used between panels/walls. In event of fracture the interlayer keeps the glass layers bonded and the clamps prevent the barrier from collapsing by holding the broken panel to adjacent panes or building. Handrail is required for panels over 1600mm wide, to meet NZS 4223-3-2016 for dual pane fracture.

- SentryGlas® is a combination of Toughened Safety Glass and SentryGlass® interlayer. It does not require a handrail and generally exceeds the deflection requirements of the Building Code, however clamps are required for 17.52mm glass less than 1200mm wide and for 13.52mm panels less than 1600mm wide. Laminated Glass has a shelf life.

Note: Pool fencing only requires 12mm toughened safety glass, no handrail or clamps, rated to the required windzone.
A contemporary, square profile handrail. No holes are required in the glass which means this handrail can be easily fitted onto the top of both new and existing balustrades. Or it can be side-mounted using traditional handrail brackets.

Swivel joints with horizontal or vertical adjustment and joiners enable a continuous rail. Manufactured in a choice of Aluminium or 316 grade Stainless Steel.

The oval contour of this 2205 stainless handrail provides a comfortable grasp with a tapered edge for a slimmer profile. In addition to being a top rail, it can be side-mounted to the glass or walls using stainless steel handrail brackets.

Designed specifically as a dress rail to provide the most minimal profile for glass edge protection, and peace-of-mind for those who are uncomfortable with no glass capping.

This unobtrusive rail is manufactured from 2205 Stainless Steel for long life and strength and is available in polished or satin finishes.
POOL FENCING
Frameless glass pool fencing is the most elegant solution for providing safety within a pool environment. The same fixing options for Balustrades also apply for Pool Fencing, subject to the surrounding structure and the fixing substrate:

ClearVista MiniPosts
ClearVista Semi-Frameless Posts
ClearVista Surface Mount Channel
Tilt Lock Base Channel System
Balustrade Anchors

All our fencing systems are engineered to meet New Zealand demands and conditions and certified to meet the new pool safety legislation which came into effect 1st January 2017.

POOL GATES
Self-closing pool gates, which open away from the pool area, are a mandatory requirement for swimming pools. We offer four solutions for safe and efficient pool gate self-closing.

1. A Floor Spring Box contains a spring closing mechanism and is recessed into the ground beneath the stainless cover plate. Suitable for heavier gate loadings.

2. The Allegro hydraulic floor mounted closer enables simple installation and does not require any floor cut-out. It features adjustable hydraulic closing and can be fixed to either timber or concrete.

3. Spring loaded hinges are manufactured in 316 stainless steel with an adjustable spring tension for self-closing.

4. The Capri Hydraulic Hinge has an adjustable hydraulic mechanism for the softest self-closing. This prevents the gate from slamming and reduces any possible catching on little fingers.

Magnetic Latches complement the hinge profile and ensure self-catching through magnetic latching and a side pull to release the gate.
WE ALSO OFFER A WIDE RANGE OF OPTIONS FOR FRAMELESS GLASS SHOWERS, CANOPIES, GLASS WHITEBOARDS, DOORS AND SLIDING & STACKING SYSTEMS.