Glass balustrades
for contemporary architecture.

POCKET CATALOGUE
Thanks to the use of glass, Aluvetro Balustrades guarantee the highest level of clean lines in new construction, renovation and restoration projects: they are available with or without handrails, according to a customizable system in over twenty different architectural and chromatic combinations.

The Garda system, tested in certified laboratories, is made up of different elements (profile, fixing system, casing, laminated and tempered glass) designed to guarantee an easy and rapid assembly and an aesthetic result ideal for the world of contemporary architecture.

Aluminium profile that has the characteristic of remaining in sight offering the possibility to choose among numerous chromatic customizations of the casing. The disposal of rainwater is obtained by the addition of supports fixed under the profile itself.

Balustrade that offers maximum transparency thanks to the absence of visible elements to satisfy every architectural need with an elegant and essential design.
Thanks to the fixing of the externally provided profile, this solution allows to obtain the maximum floor area of the external spaces of balconies and terraces.

The balustrade is small in size, suitable to be positioned on smaller walls.

The classic stud fixing, always diffused for internal use and in staircases.

Suspended canopy, a natural evolution of the classic version fitted with tie rods, with certified capacity for snow load.
Garda Balustrade, reasons to choose it:

- Easy and rapid installation
- Maximum transparency for an excellent view
- Excellent brightness
- The smooth surface doesn’t allow the children to climb the balustrade
- Excellent acoustic abatement
- Maintenance limited to cleaning only
- System tested by certified laboratories
- The profile allows water discharge through a drain water system
- Personalization of the glass finishes
- Personalization of the carters’ colours
- Strip led lightings can be incorporated

THE PROFILE

It is in extruded aluminium, perforated at the base every 25 cm, prepared for different types of fixing: available in bars of 6 or 3 meters and cut to size on request.

THE FIXING SYSTEM

It has a set of adjustable and patented clamps for the fixing and for adjusting the glass, with thickness 17.52 - 21.52 - 25.52 mm (8/8.4, 10/10.4 and 12/12.4) and thickness 16.76 - 20.76 - 24.76 (8/8.2, 10/10.2, 12/12.2)

THE CARTER

They are installed at the end of the work, avoiding possible damages caused by the installation operations and can be subsequently personalized even with different colours.

HIGH STANDARDS SAFETY

All the products of the system Gardas are tested in accredited laboratories and they have overcome dynamic test and static loads up to 4.5 kN/m (Push up to 300 kg/m).
TRANSPARENCY, ESSENTIAL AND MINIMALIST DESIGN, TO DEFINE ANY ARCHITECTURAL CONTEXT, INSIDE AND OUTSIDE.
The casing undergo an anodising process, which provides a finishing with aesthetic and especially protective features, suitable to ensure exposure to aggressive urban or marine atmospheres. Our profiles have an anodising of 20 microns.

**CUSTOMIZATION**

The casing are available in 8 finishes and customizations with anodic colours available or painted according to the RAL tables. **Standard finishes** and **design finishes**, the result of research and development to meet the requirements of contemporary architecture.

**STANDARD FINISHES**
- anodised silver
- brushed anodised
- white painted
- untreated

**DESIGN FINISHES**
- polished chrome
- brilliant champagne gold
- burnt
- antiqued
Glass and customization

The Garda system can mount six different thicknesses of laminated and tempered glass:

- 8/8.4 total thickness mm 17.52
- 10/10.4 total thickness mm 21.52
- 12/12.4 total thickness mm 25.52
- 8/8.2 total thickness mm 16.76
- 10/10.2 total thickness mm 20.76
- 12/12.2 total thickness mm 24.76

The “finished product” is obtained with the choice between numerous chromatic combinations and different surface finishes: Float, Extra clear, Smoke, Bronze, Various colours, Covering, partially covering or shading screen-printing to guarantee privacy. Each solution can be combined with the use of LEDs to create a particularly surprising lighting effect.
GARDA SP - SP special

**FIXING ON THE FLOOR**

Adjustment of the inclination of the glass ± 20 mm

### USABLE GLASS THICKNESS (mm)

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the balustrade that remain in sight

Extruded aluminium profile that has the characteristic of remaining in sight. It can mount different thicknesses of laminated and tempered glass.

Draining water system

Discover all the advantages of GARDA system on our website
**GARDA AP - AP special**

**FIXING IN THE FLOOR**

Adjustment of the inclination of the glass ± 20 mm

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The choice for a minimalist design

It is the minimalist version of the balustrade system, which offers maximum transparency and simplicity thanks to an elegant and essential design.

**Superior carter**

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**FLOOR**

**SCREED**

**REINFORCED CONCRETE**

**GARDA AP**

**GARDA AP SPECIAL**

DISCOVER ALL THE ADVANTAGES OF GARDA SYSTEM ON OUR WEBSITE
GARDA FS - FS special

Fixing in front of the floor

Adjustment of the inclination of the glass ± 20 mm

Usable Glass Thickness (mm)
- 8 + 8 + 0.76
- 8 + 8 + 1.52
- 10 + 10 + 0.76
- 10 + 10 + 1.52
- 12 + 12 + 0.76
- 12 + 12 + 1.52

Make the most of every terrace

The solution to ensure the maximum floor area of the external spaces of balconies and terraces, always with the best guarantee of safety and clean lines.

Draining water system

Discover all the advantages of Garda system on our website
The low-height balustrade with the same performance as the other types can be combined with small walls.

An optional anti-climb carter can be applied to GARDA MINI, which guarantees greater safety in the presence of children.

Assembly carter and anti-climb

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GARDA MINI 200 ON WALL

h max 65 cm

GARDA MINI 100 ON THE GROUND WITH HANDRAIL

h max 100 cm
Who we are

Aluvetro is the most active manufacturer and seller of glass balustrades with patented systems, designed and produced, in aluminium and steel. We create made to measure balustrades and specific solutions with you. 45 years of experience as flat glass transformer with Vetraria Pescini and a whole production cycle, from the design to the manufacturing of the products in our factory with full compliance of standards and certifications, guarantee a production that is 100% Made in Italy!