

APPLICATION // GLASS RAILING GARDA 2

GLASS RAILING ON PROFILE GARDA 2 F



SLAB MOUNTING WITH TECHNICAL ADVICE

Righetti offers **GARDA 2F**, a complete glass railing system including **EVA tempered laminated glass** and its fixing system on profile **TRANSLEVEL®** by **ONLEVEL**.

This solution is validated by the TECHNICAL ADVICE n° 2.1-15-1674V4 from the CSTB. **This system can be used with 8.8/2 laminated glass for a private or a public use.**

GARDA 2 F can be installed **on slab (also called French installation)**. Laminated glasses are fixed with an aluminium profile in a continuous manner without a post, with or without a handrail.



Glass railing on profile GARDA 2 F



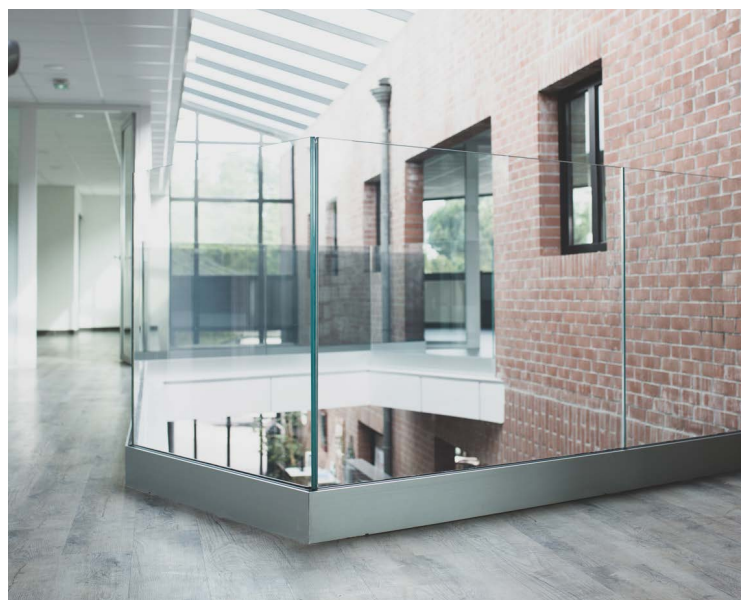
Its profile fixing system resists linear loads of 1 kN and is suitable for tempered **laminated glass 8.8/2** with technical approvals.

EVA TEMPERED LAMINATED GLASS

Thanks to our manufacturing process made of water-resistant EVA laminated glass, our outdoor glass railings do not present any risk of delamination over time, unlike PVB laminated glass.

THE FLEX-FIT ADJUSTMENT TOOL

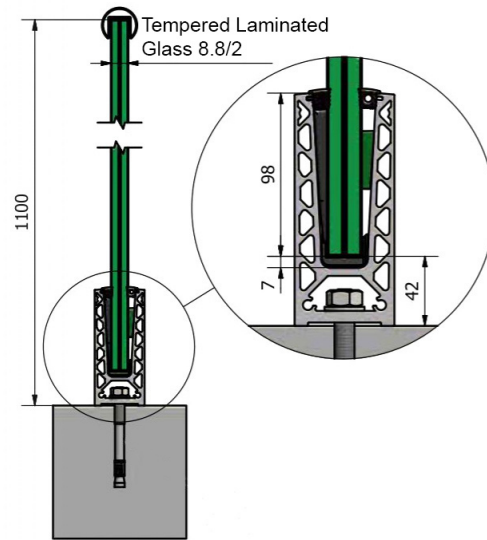
Flex-fit from Onlevel is an innovative solution for adjusting glass panels. It is the solution for perfect and secure alignment of glass balustrades. This system allows you to adjust the position of a glass plate up to 40mm precisely and saves up to 30% in assembly time.



Moreover, this system allows an assembly only on the balcony side and not on the empty side. This solution makes installation easier and offers the best safety conditions.

TECHNICAL INFORMATION

- Floor mounting exclusively
- Standard length : 2500 mm x 60 mm x 140 mm
- Profile height : 140 mm
- Finishes: Anodized, untreated, brushed stainless steel aspect, lacquered
- Profile with drainage hole per meter
- **Tempered laminated glass 8.8/2**
- Pre-drilled profile every 200mm
- For applications in the private area of 1.0 kN, the mounting distance is 400mm
- A shim every 350 mm
- Water flow opening
- Top cover: width of 3 to 20 mm
- Possibility to add a handrail



MECHANICAL FIXING FOR STRUCTURAL WORKS

Slab-mounted profiles are fixed to the main structure by Fischer FIS V A M10x150 or HUS3-H 10x90 Hilti dowels (7 dowels / 2.5 ml). The use of dowels from other suppliers is permitted, if the dowels resistance is comparable.

FEATURES

Features	Values (mm)
Maximum glazing width	2500
Minimum glazing height	500
Maximum system's height from the finished floor	1100
Maximum glazing height	1058
Overall height of the aluminium profile with seal	142
Maximum distance between two fixings (pre-drilled)	400

Top cover profiles

Width from 3 to 20 mm

Different finishes: anodised, untreated, brushed stainless steel, RAL

