

Glass balustrade - **Railing Series**

SURFACE MOUNTING OPTION LATERAL LOAD TEST

Material tested

Panoramic aluminium and glass railing, consisting of an aluminium bottom profile designed by Acristalia and laminated tempered safety glass 6.6.2 / 8.8.2 / 10.10.2 / 12.12.2. The dimensions of the test sample are 1100 mm x 1000 mm (height x width).

Tests requested

Initial test of type carried out at Tecnia (ENAC accredited laboratory) with report number 050267, according to the standards:

UNE 85-238:1991 "Handrails: Test methods".

CTE (Actions on handrails and dividing elements. Section 3.2: Structural Safety.

Actions in Building (Technical Building Code).

Test conclusions

APPROVED railing with glass 6.6.2 / 8.8.2.

Private use with a horizontal static load of 0.8 and 1.6 kN/m applied at 1100 mm above ground level.

APPROVED railing with glass 10.10.2 / 12.12.2.

Private use with a horizontal static load of 0.8, 1.6 and 3.0 kN/m applied at 1100 mm above ground level.



Juan Carlos Moreno
CEO

In Malaga, 23th August 2023