

**EASY GLASS®
GLASS ADAPTER
Model 0748
Line load test**

Testing conducted by/at:

Q-railing Europe GmbH & Co.KG

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Germany

1. Introduction

This report describes tests conducted at the test site of Q-railing Europe GmbH & Co.KG on Easy Glass® adapter model 0478 from Q-railing's catalogue, assembled as shown.

2. Test arrangement

The specimens were mounted on to a steel structure with a test rig from steel with sufficient strength to withstand loads applied to it.

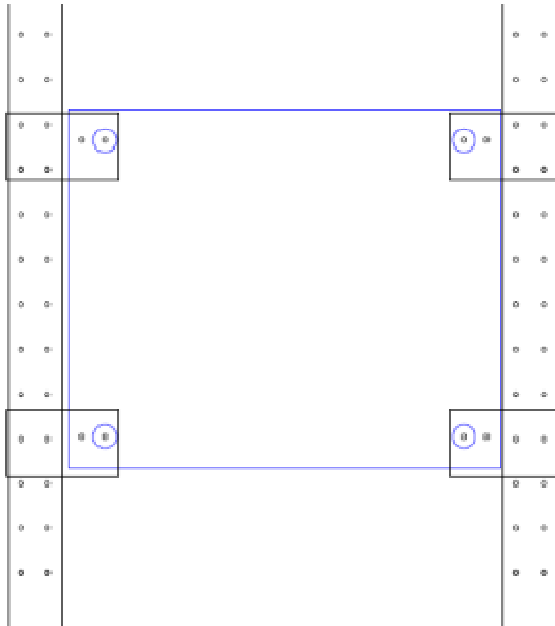
In the test, load was applied to the top of the glass and was measured with a load cell.

Mechanical indicators were used to measure the deflection of the barrier from its neutral position.

3. Materials

- a. Glass adapter Stainless steel 316, article number 14.0748.350.12
- b. Glass dimension and thickness are:
Laminated glass 17.52x2000x1000, fixing 1700mm

4. Arrangement of the test assembly



Test assembly. (Juliette balcony)

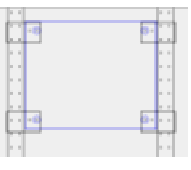
Glass dimensions:

- 17.52x2000x1000, fixing 1700mm

5. Test results

The results are shown in the following table:

Results testing adapter

| pos | Glass t mm | Dimension mm. w x H | adapter C.C mm. | barrier height mm | deflection mm. | | | Position |
|------------------|------------------|---------------------------|-----------------------|-------------------------|----------------|-----------|-----------|---|
| | | | | | Point load | Line load | infil UDL | |
| | | | | | 0.5 kN | 0.74 1.00 | 1 kN/m2 | |
| | | | | | Deflection | | | |
| Juliette balcony | 17.52 | 2000x1000 | 1700 | | 2.40 | 6.25 8.50 | 6.20 |  |

Comments

The line load was applied to the top of the glass (=1.0 m). A line load and a point load were tested for the glass, of the Juliette balcony.