

**TÜV Product Service GmbH**

Certificate no.: B 99 09 37329 001

Technical report no.: 221-10051376 from 07.09.1999

(The following description does not represent the original wording of the Technical Report)

Test specimen: Balcony glazing system SL 25.

Title of test: Test in accordance with the German Equipment Safety Law (GSG).

Component tests:

- | 18,000 negative and positive pressure cycles of 1,000 Pa each.
- | 10,000 cycles of opening and closing operations.
- | Impact test with a striker weighing 45 kg striking the glazing system from a deflection of 30° with a radius of 1.2 meters.

Test results: SL 25 balcony glazing system complies with all individual test requirements. The system is adequately dimensioned and splash-proof. Pinch and shear points have been avoided in the design. An approval mark was granted.

**Otto-Graf-Institute, University Stuttgart  
Forschungs- und Materialprüfungsanstalt für das Bauwesen (FMPA),  
Department 2: Structural design**

Technical report no.: 25-31188 from 04.02.2000

(The following description does not represent the original wording of the Technical Report)

Test specimen: SL 25 balcony glazing system.

Title of test: Conformity check against Technical Directions for Line Bearings in Glazing.

Component tests:

- | Fitting tests with glazing camps.
- | Gradual application of negative and positive pressure to glazing system with pane thicknesses of 6 and 8 millimetres and assumed loads according to DIN 1055-4.
- | 3500 cycles of pulsating compressive loading up to 1100 Pa.

Test results: According to the Technical Directions for Line Bearings in Glazing the use of SL 25 balcony glazing system is approved. Approval of the test series was first obtained from the **German Institute for Construction Technology (DIBt)**.

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The complete test report is available on request.

