

**Summary of testing report no. 2025/122 dated 24.09.2025**

**Accredited Testing Laboratory SAN17**

Client: MAGNA Glaskeramik GmbH  
Straße der Einheit 18  
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Germany

Component: Shower screen as laminated glass made of glass  
ceramics and float glass with linear adhesive bond

Test procedure: Proof of impact resistance according to ETB guide-  
line „Components That Secure Against Falling“

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The test procedure involves testing fixed shower screens bonded into 23x23x3 mm stainless steel L-profiles against maximum mechanical stress caused by use in the form of impact stress on the shower screen in accordance with a fall protection component.

The test specimens have dimensions (H x W) of 2200 mm x 1200 mm and are made of 15 mm MAGNA glass ceramics, polished / 0.76 mm EVA film / 4 mm float glass. They are fixed in an L-shape support on the lower and one side edge. Along the linear support, the laminated glass is attached to the stainless steel L-profile on its surface using the structural adhesive bond Sika Sikasil SG-500 with an adhesive thickness of 1 mm and an adhesive width of 16 mm, and on its edge with a thickness of 3 mm and a width of 14 mm.

The tests were carried out on two test specimens, and the 50 kg impact body with a pendulum height of 890 mm hit at relevant points on the float glass side so that the bond was under tensile stress. In none of the tests did the impact body penetrate, the test specimen tear out of its support, the bonding fail, or the L-shaped support profiles undergo plastic deformation.

Impact resistance testing was carried out on laminated glass panes made of glass ceramics and float glass bonded linearly in L-profiles in accordance with the ETB guideline "Components That Secure Against Falling." For the system described, the impact resistance of shower screens made of laminated glass panes consisting of glass ceramics and float glass was experimentally verified, thus proving their suitability as shower screens.

This summary report contains the key component information, test conditions, and test results. The complete test results can be found in test report 2025/122 dated September 24, 2025, issued by Anhalt University of Applied Sciences / PÜZ SAN17.

  
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