

Technical Expertise No.: 121936 – 24 – TAC
Test method: FMVSS 212
Manufacturer / Order party: PETEC, Germany
Product under test: Scheibenkleber economic primerlos
(Art.-Nr. 84290 und 84400)



**TECHNICAL EXPERTISE
No. 121936 – 24 – TAC**

Test according to
FMVSS Standard No. 212; Windshield mounting

**This standard establishes windshield retention requirements for motor vehicles
during crashes.**

Test method: FMVSS 212 of 1968-08-16
including all amendments up to and including: FMVSS 212 of 2018-10-01

Objectives: Document for the manufacturer

I. Technical data

- 0.1.1. Order party: PETEC Verbindungstechnik GmbH
Wüstenbuch 26
D-96132 Schlüsselfeld
Germany
- 0.1.2. Manufacturer: PETEC Verbindungstechnik GmbH
Wüstenbuch 26
D-96132 Schlüsselfeld
Germany
- 0.2. Product under test: Scheibenkleber economic primerlos
(Art.-Nr. 84290 und 84400)
- 0.3. Test required: Test of the windshield mounting according to
FMVSS 212

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II. Expertise report

1. Test conditions

- 1.1. Test (vehicle) sample: Skoda Fabia with the new windshield glued by MS RAPID 60
- 1.2. Test procedures used: Test of the windshield mounting according to FMVSS 212
- 1.5. Test track or site: Test laboratory TÜV SÜD Czech - ŠKODA Úhelnice, Czech Republic

2. Test results

2.1. The adhesive bond was tested under the following conditions:

- Impact speed of the vehicle $v_0 = 48,1$ kph
- Frontal crash, 0° , 100% offset
- Temperature $20,4^\circ\text{C}$
- Humidity 42%
- Vehicle equipped with frontal airbags (activated by timer device)
- On each front seat was belted 50% H III-dummy
- Windscreen was glued 60 minutes before the test

2.2. Conclusion:

The windshield stayed on its place during and after the impact. Perimeter of the windshield: 4105mm, Limit: 1026mm (each side of the windshield). During the passenger airbag activation there was small gap (less than 200 mm) between the windshield and the windshield frame, but it doesn't influence the positive result of the test.

4. Date of expertise: 2024-09-24

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III. Other documentation

No other documentation

IV. Attachments

No attachments

Measuring and test equipment and test site meet the requirements of the applicable legislation. This report shall never be reproduced incomplete and without a written permission of the testing laboratory (except for use in the type-approval or approval documentation). A decision rule (in the section Final assessment) without consideration of measurement uncertainties is used for statement of conformity.

V. Final assessment

The described sample in tested items **complies**
with the requirements of FMVSS 212

This technical report consists of pages No. 1 to 3.

Test report approved by

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Vít Bursík
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Certification and Regulatory Compliance



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End of the technical expertise