

Expertise No.:
Test method:
Manufacturer / Order party:
Product under test:

TÜV SÜD Czech s.r.o.

121379 – 15 – TAC

FMVSS 212

PETEC Verbindungstechnik GmbH

Scheibenkleber economic



Czech

1/3

**EXPERTISE
No. 121379 – 15 – TAC**

Test according to
according to FMVSS 212

Windshield mounting

Test method: FMVSS 212

Objectives: Document for manufacturer

I. Technical data

- 0.1.1. Order party: PETEC Verbindungstechnik GmbH
Wüstenbuch 26
96132 Schlüsselfeld
- 0.1.2. Manufacturer: PETEC Verbindungstechnik GmbH
Wüstenbuch 26
96132 Schlüsselfeld
- 0.2. Product under test: Scheibenkleber economic
- 0.2.1 Trade mark: Scheibenkleber economic
- 0.2.2 Nature: Adhesive for bonding of vehicle windscreens
- 0.3. Test required: Frontal crash, 100% offset, 48km/h
According to FMVSS 212

Expertise No.: 121379 – 15 – TAC
Test method: FMVSS 212
Manufacturer / Order party: PETEC Verbindungstechnik GmbH
Product under test: Scheibenkleber economic



Czech

2/3

II. Expertise

1. Conditions

Vehicle Škoda Fabia with windscreen glued according manufacturer's installation instructions was put through crash to the rigid barrier.

The adhesive bond was tested under the following conditions:

- Vehicle crash according to USA Standard FMVSS 212
- Impact speed of the vehicle $v_0 = 48,00$ kph
- Frontal crash, 0° , 100% offset
- Temperature $20,0^\circ\text{C}$
- On each front seat was belted 50% H III-dummy
- Windscreen was glued 90 minutes before the test

2. Results

The windscreen remained glued to the vehicle.

Perimeter of the windscreen: 4,052m

Limit length for half of windscreen perimeter: 1,013m

Glued off part on one side of the windscreen: 0,305m it is 15,1% (the limit is 50%)

Test was performed 2011-04-12

3. Date of expertise: 2015-10-09

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 must never be reproduced incomplete and without a written permission of the testing laboratory.

Expertise No.: 121379 – 15 – TAC
Test method: FMVSS 212
Manufacturer / Order party: PETEC Verbindungstechnik GmbH
Product under test: Scheibenkleber economic



Czech

3/3

V. Final assessment

The described sample

complies

with the requirements of FMVSS 212, paragraph S5.1

This expertise consists of pages No. 1 to 3.


TUV SUD Czech s.r.o.
Prüfung Auto Service
Novodvorská 994/138
142 21 Praha 4, Czech Republic
DIČ: CZ63987121

Martin Škopek

Report author





Martin Hron

Business Unit Manager

Prague, 2015-10-09

End of the technical report