

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

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**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 Schlüsselselfeld
- 0.1.2. Manufacturer: PETEC Verbindungstechnik GmbH  
Wüstenbuch 26  
96132 Schlüsselselfeld
- 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  
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Manufacturer / Order party: PETEC Verbindungstechnik GmbH  
Product under test: Scheibenkleber economic

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## 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°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

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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.

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**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.

  
TÜV SÜD Czech s.r.o.  
Druhá Auto Service  
Novodvorská 994/138  
142 21 Praha 4, Czech Republic  
DIČ: CZ 63987121

**Martin Škopek**

Report author





**Martin Hron**

Business Unit Manager

Prague, 2015-10-09

End of the technical report