

**EXPERTISE
No. 120280 – 16 – 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
Germany
- 0.1.2. Manufacturer: PETEC Verbindungstechnik GmbH
Wüstenbuch 26
96132 Schlüsselfeld
Germany
- 0.2. Product under test: Scheibenkleber Highspeed 15 Min.
- 0.2.1 Trade mark: Scheibenkleber Highspeed 15 Min.
- 0.2.2 Nature: Adhesive for bonding of vehicle windscreens

II. Expertise**1. Conditions**

Vehicle Ford Focus 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 $v_0 = 49,00$ kph
- Frontal crash, 0° , 100% offset
- Temperature $20,0^\circ\text{C}$
- Humidity 57%
- Vehicle equipped with frontal airbags (activated by timer device)
- On each front seat was belted 50% H III-dummy
- Windscreen was glued 15 minutes before the test

2. Results

The windscreen remained glued to the vehicle.

Perimeter of the windscreen: 4,462m

Limit length for half of windscreen perimeter: 1,116m

Glued off part on one side of the windscreen: 0,775m it is 37,7% (the limit is 50%)

Test was performed 2011-06-28

3. Date of expertise: 2016-03-15

III. Other documentation

No other documentation

IV. Attachments

No attachments

Measuring and test equipment and test site meet the requirements of the applicable legislation.
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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.

Martin Škopek

Report author

TÜV SÜD Czech s.r.o.
Precision Auto Service
Novodvorská 994/138
142 21 Praha 4, Czech Republic
IČ: CZ63987121



Business Unit Manager

Prague, 2016-03-15

End of the technical report