

Expertise No.: 121634 – 20 – TAC
Test method: FMVSS 212
Manufacturer / Order party: Adolf Würth GmbH & Co. KG, Deutschland
Product under test: Expert Scheibenklebstoff / Expert Windscreen Adhesive



Czech

1/3

EXPERTISE
No. 121683 – 20 – 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: Adolf Würth GmbH & Co. KG
74650 Künzelsau
Deutschland
- 0.1.2. Manufacturer: Adolf Würth GmbH & Co. KG
74650 Künzelsau
Deutschland
- 0.2. Product under test: 1 K Polyurethan-Scheibenklebstoff
- 0.2.1 Trade mark: Expert Scheibenklebstoff / Expert Windscreen Adhesive
- 0.2.2 Nature: Expert Scheibenklebstoff / Expert Windscreen Adhesive
- 0.3. Test required: Frontal crash, 100% offset, 48km/h
According to FMVSS 212

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 $v_0 = 48,23$ kph
- Frontal crash, 0° , 100% offset
- Temperature 20°C
- Air Humidity 42%
- On each front seat was belted 50% H III-dummy
- Vehicle was equipped with driver and passenger airbag
- Windscreen was glued 60 minutes before the test

2. Results

The windscreen remained glued to the vehicle.

Perimeter of the windscreen: 4,415m

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

Note: This report is based on report 61076 – 10 – TAC

Test was performed 2010-11-03

3. Date of expertise: 2020-08-06

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.


Vit Bursik

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Prague, 2020-08-07

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End of the technical report