TECHNICAL EXPERTISE
No. 121970 – 19 – 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:	Octopus Engineering B.V. Molenakker 3 5953 TW Reuver, The Netherlands
0.1.2.	Manufacturer:	Octopus Engineering B.V. Molenakker 3 5953 TW Reuver, The Netherlands
0.2.	Product under test:	MS SCREENBONDER TUV/PROPART
0.3.	Test required:	Test of the windshield mounting according to FMVSS 212

II. Test report

1. Test conditions

1.1.	Test (vehicle) sample:	Skoda Fabia with the new windshield glued by MS SCREENBONDER TUV/PROPART
1.2.	Test procedures used:	Test of the windshield mounting according to FMVSS 212 see base Technical Report 121771-19-TAC
1.5.	Test track or site:	Test laboratory TÜV SÜD Czech - ŠKODA Úhelnice, Czech Republic

2. Test results

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°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

2.1. 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 then 200 mm) between the windsield and the windshield frame, but it doesn't influence the positive result of the test.

3.	Specimen submitted to test on:	2019-09-13
4.	Date of test:	2019-09-17

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.

V. Final assessment

The described sample

complies

with the requirements of FMVSS 212

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

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End of the technical report