

Technical Report No.: 120942 – 17 – TAC  
Test method: FMVSS 212  
Manufacturer / Order party: KENT INTERNATIONAL SAS, France  
Product under test: Windscreen adhesive Screenfix Zero



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## TECHNICAL REPORT No. 120942 – 17 – TAC

Test according to  
FMVSS 212  
**Windshield mounting**

Test method: FMVSS 212 of 1976-08-30  
including all amendments up to and including: of 2010-10-01

Objectives: Technical report

### I. Technical data

- 0.1.1. Order party: KENT INTERNATIONAL SAS  
29, rue Charles Edouard Jeanneret  
CS70001 TECHNOPARC  
78306 POISSY Cedex  
France
- 0.1.2. Manufacturer: KENT International SAS  
Z.I. Les Prés Loribes  
59128 Flers-en-Escrebieux  
France
- 0.2. Product under test: Single-component MS-Polymer based  
adhesive for bonding vehicle windcreens
- 0.2.1. Commercial name: Screenfix Zero
- 0.3. Test required: Frontal crash, 100% offset, 48km/h -  
according to FMVSS 212.

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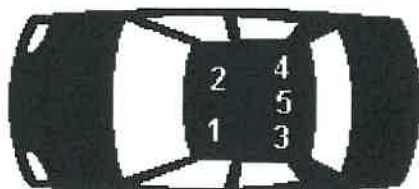
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## II. Test report

### 1. Test conditions

- 1.1. Test object: On the test vehicle - Škoda Fabia III (made 2015), VIN: TMBEA6NJ1GZ037944, was excluded windscreen and glued-on new windscreen according to mounting instructions of glue producer.
- 1.2. Test procedures used:
  - test according to US standard FMVSS 212
  - impact speed 48.0km/h
  - vehicle equipped driver and co-driver airbags (standard)
  - on the front seats buckled up dummy H III 50%
  - time between glued-on windscreen and the test : 0 minutes (as soon as was windscreen glued and vehicle ready for road use)
- 1.2.1. Interior status and adjustment:



	seat 1	seat 2
Torso angle	25°	25°
Longitudinal:	middle	middle
High adjustment	middle	-
Cushion tilt	-	-
Head restraint adjustment	uppermost	uppermost

#### Dummies:

Type:	H III	HIII
Measurement:	ballast	ballast

#### Restraint system

Type	three point belts Ar	three point belts Ar
Adjustment	3 <sup>rd</sup> from lowest (from 4)	3 <sup>rd</sup> from lowest (from 4)

#### Steering wheel

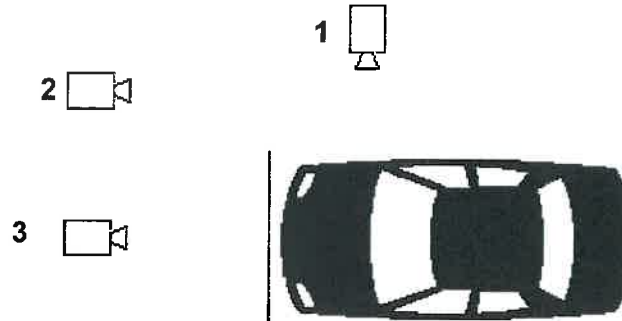
Longitudinal adjustment	middle
Vertical adjustment	middle

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1.2.3. Scheme of video shooting:



Pos	name	Fps
1	Total from the right	1000
2	Sideward from the right front	1000
3	Passengers from the front	1000

1.3. Measuring and test equipment:

- Propulsion system EPJ ŠKODA AUTO a.s.
- 2x dummy H III
- Speedometer with reflex gauge
- Timer device ŠKODA AUTO a.s.
- Deceleration Sensor Endevco

1.4. Ambient conditions:

Temperature: 19,6 °C  
 Humidity: 57,1 %  
 Air pressure: 99,3 kPa

1.5. Test track:

TÜV SÜD Czech - passive safety laboratory  
 ŠKODA in Úhelnice.

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## 2. Test results

Vehicle Speed	$v_0 = 47,7$ km/h
Time of gluing the windscreen	11:04 hod
Test time	11:06 hod

The time limit was fulfilled and was 0 min. (as soon after vehicle was ready for road use)

### 2.1 The windscreen remained glued to the vehicle.

Perimeter of the windscreen: 4 105 mm

Glued off part of the windscreen: 340,5 mm, it is 16,6% (the limit is 50% from each half of windscreen perimeter)

3. Specimen submitted to test on: 2017-07-10

4. Date of test: 2017-07-18

## III. Other documentation

No other documentation

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**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 technical report consists of pages No. 1 to 5.

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Certification and Regulatory Compliance



Prague, 2017-07-25

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End of the technical report