



Technical Report No.: 61145 - 07 - TAC  
 Test method: FMVSS 212  
 Manufacturer / Order party: RETECH s.r.o (Id.Nr.: CZ 25018205)  
 Vackova 1541/4  
 155 00 PRAHA 5 - Stodůlky  
 Product under test: Glazing adhesive PU Fix Professional 3 with primer  
 PU Fix Professional 3 - Primer

## TECHNICAL REPORT No. 61145 - 07 - TAC

Test according to  
**FMVSS 212**  
**Windshield mounting**

Test method: FMVSS 212 of --  
 including all amendments up to and including: of --

Objectives: Technical report

### I. Technical data

- 0.1.1. Order party: RETECH s.r.o (Id.Nr.: CZ 25018205)  
 Vackova 1541/4  
 155 00 PRAHA 5 - Stodůlky
- 0.1.2. Manufacturer: RETECH s.r.o (Id.Nr.: CZ 25018205)  
 Vackova 1541/4  
 155 00 PRAHA 5 - Stodůlky
- 0.2. Specimen:
  - PU Fix Professional 3 – glazing adhesive
  - PU Fix Professional 3 Primer - primer
- 0.3. Test required: Frontal crash Simulation - pulse according FMVSS 208, Figure 6.

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Protokol neakreditovaný, r.3

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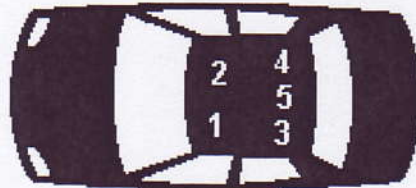
**II. Test report**

**1. Test conditions**

1.1. Test object: Windscreen Škoda Roomster glued to the body by glue PU Fix Professional 3 using primer PU Fix Professional 3 - Primer.

1.2. Test procedures used: Body with windscreen, dashboard, steering wheel, frontal seats and two dummies Hybrid III was put through deceleration pulse according FMVSS 212, figure 6 with speed 53 km/h. Both frontal airbags were activated by timer device in time 28 ms and seat belt pretensioners in time 26 ms after braking start time. Windscreen was glued 3 hours before test.

1.2.1. Interior status and adjustment:



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

Dummies:

Type:	H III	HIII
Measurement:	-	-

Restraint system

Type	three point belts Ar	three point belts Ar
Adjustment	middle	middle

Steering wheel

Longitudinal adjustment	middle
Vertical adjustment	middle

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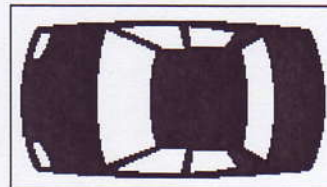
Protokol neakreditovaný, r.3

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1.2.3. Scheme of video shooting:



Position	Fps
1	1000



1.3. Measuring and test equipment:

- Propulsion system EPJ TÜV SÜD Auto CZ
- Test trolley NV 03 – TÜV SÜD Auto CZ
- 2x dummy H III
- Speedometer with reflex gauge
- Timer device TÜV SÜD Auto CZ
- Hydraulic brake INOVA
- Deceleration Sensor Endevco

1.4. Ambient conditions:

see annexe No. 3

1.5. Test track or site:

Passive safety laboratory TÜV SÜD Auto CZ in Úhelnice.

2. Výsledky zkoušky

Trolley Speed	$v_0 = 52,79 \text{ km/h}$
Time of gluing windscreen	9:23 hour
Test time	12:24 hour

Deceleration pulse – see annexe No. 2

Time limit from gluing to test was fulfilled and was 3:01 hour.

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Protokol neakreditovaný, r.3

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3. Specimen submitted to test on: 09.11.2007

4. Date of test: 13.11.2007

### III. Enclosures

Enclosure No. 1: Chosen photos	1	page
Enclosure No. 2: Deceleration pulse	1	page
Enclosure No. 3: Ambient conditions	2	pages

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Results presented above have been measured/found in the laboratory of TÜV SÜD Auto CZ s.r.o. and relate only to items tested. Measuring and test equipment and test site meet requirements of the applicable legislation.

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### IV. Final confirmation

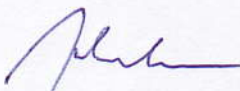
The described sample


**comply**

with the requirements of the test method

**FMVSS 212, paragraph S5.1**

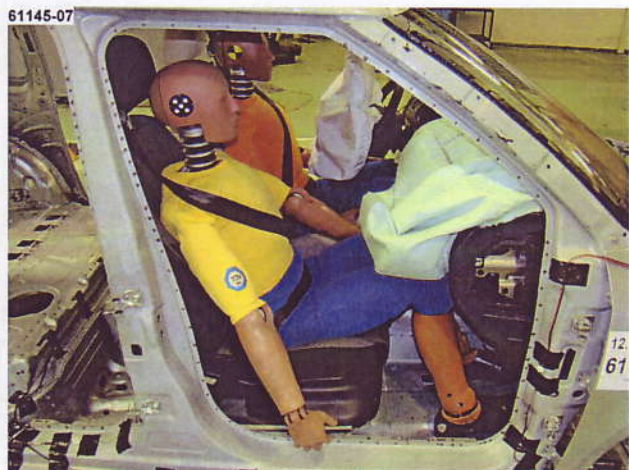
This technical report consists of pages No. 1 to 4 and 4 total pages of enclosures

  
Ing. Jan Jakubec  
Report author

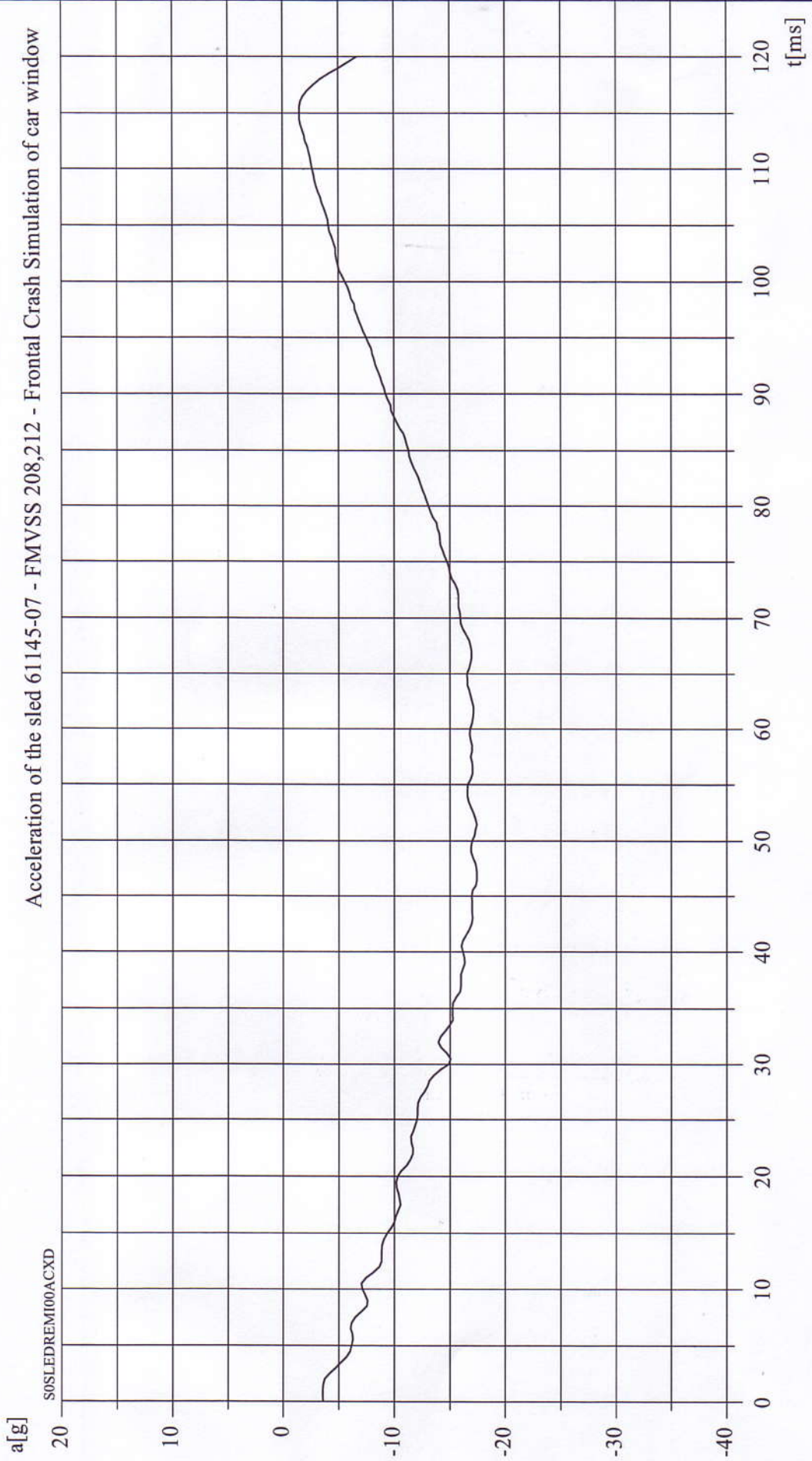
  
Ing. Jiří Socha, Ph.D.  
Head of the Division

In Úhelnice, 12.12.2007

Enclosure No. 1: Chosen photos



Acceleration of the sled 61145-07 - FMVSS 208,212 - Frontal Crash Simulation of car window



Protocol No. 61145-07	Test date 13.11.2007	Vehicle type SK258	ACX	max	t(max)	min	t(min)	3ms(M)	Specification:
Page: 1/1	Filtration 0	Channel no. Sled		-1.49	114.5 ms	-17.43	46.5 ms	17.32	FMVSS 208,212

61145\_07 TEPLOTA OKOLI



61145\_07 VLHKOST VZDUCHU

