

Technical Report No.: 61114 – 05 – TÜV UVMV  
Test method: FMVSS 212  
Manufacturer / Order party: RETECH, s.r.o., SUCHDOL u Kutné Hory, CZ  
Product under test: Glazing Adhesive – RETECH SCREENBOND 3

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**TECHNICAL REPORT**  
**No. 61114 - 05 - TÜV UVMV**

Test according to  
FMVSS 212  
**Windshield mounting**

Test method: FMVSS 212

of

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including all amendments up to and including:

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of

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Objectives: Document for RETECH

**I. Technical data**

**1.1.1. Order party:**

RETECH, s.r.o.  
Suchdol 212  
285 02 SUCHDOL u Kutné Hory – Czech  
Republic

**1.1.2. Manufacturer:**

RETECH, s.r.o.  
Suchdol 212  
285 02 SUCHDOL u Kutné Hory – Czech  
Republic

**1.2. Product under test:**

RETECH SCREENBOND 3 – Glazing  
Adhesive + Preparation RETECH MS CLEAN  
– grease removal of body and frontal glass

**1.3. Test required:**

Frontal crash Simulation - pulse according  
FMVSS 208, Figure 6.

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## II. Test report

### 1. Test conditions

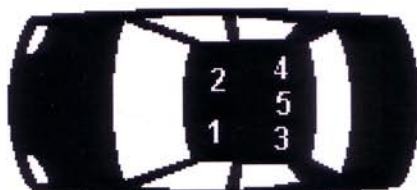
#### 1.1. Test object:

Frontal windscreen Škoda Octavia glued to the body by glue RETECH SCREENBOND 3 together with grease removal of body and frontal glass RETECH MS CLEAN.

#### 1.2. Test procedures used:

Body with windscreen, dashboard, steering wheel, frontal seats and two dummies Hybrid II was put through deceleration pulse according FMVSS 212, figure 6 with speed 48 km/h. Both frontal airbags were activated by timer device in time 28ms and seat belt pre-load device in time 27 ms after braking start time. Windscreen was glued 1 hour before test.

#### 1.2.1. Interior status and adjustment:



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

#### Dummies:

Type:	H II	HII
Measurement:	-	-

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- 1.3. Measuring and test equipment:
- Propulsion system EPJ TÜV UVMV,
  - Test trolley NV 03 – TÜV UVMV
  - 2x dummy HII
  - Speedometer with reflex gauge
  - Timer device TÜV UVMV
  - Hydraulic brake INOVA
  - Deceleration Sensor Endevco

- 1.4. Ambient conditions:
- Temperature: 22,5°C
- Relative humidity: 54%

- 1.5. Test track or site:
- Passive safety laboratory TÜV UVMV in Úhelnice.

## 2. Test results

Trolley Speed	$v_0 = 47,90 \text{ km/h}$
Time of gluing windscreen	12:36 hour
Test time	13:37 hour

Deceleration pulse— see annexe

Windscreen remains firmly glued in 100% perimeter of glued surface. Time limit from gluing to test was fulfilled and was 1:01 hour.

3. Specimen submitted to test on: 19.08.2005
4. Date of test: 19.08.2005

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### III. Enclosures

Enclosure No. 1: Chosen photos	1	page
Enclosure No. 2: Measured pulse	3	pages
Enclosure No. 2: CD	1	piece

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

This report must never be reproduced incomplete without a written permission of the testing laboratory.

### IV. Final confirmation

The described sample

**complies**

with the requirements of the test method

FMVSS 212, paragraph S5.1

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

2 total pages of enclosures

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Report author

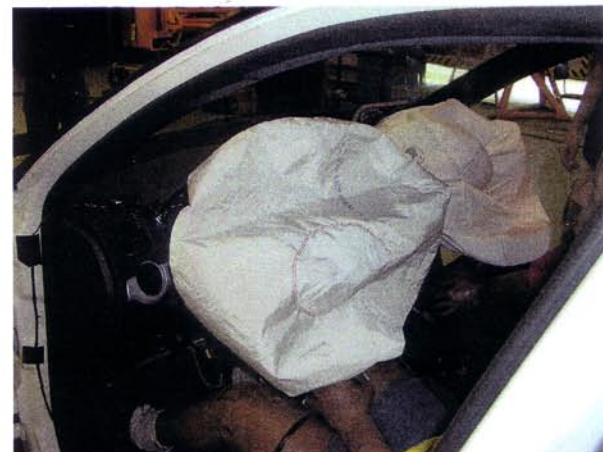
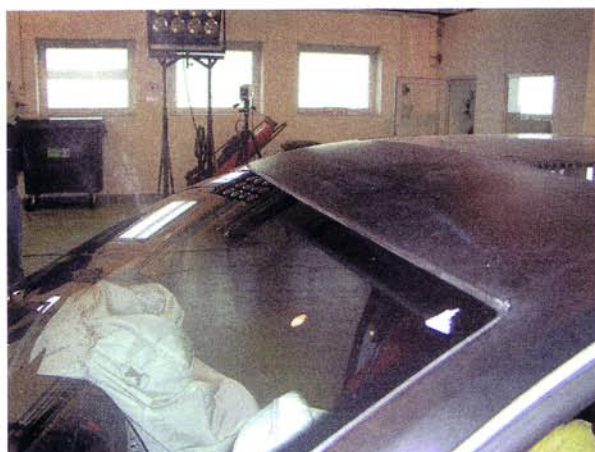
*Jiří Socha*  
Jiří Socha, Ph.D.

Head of the Vehicle Safety Division

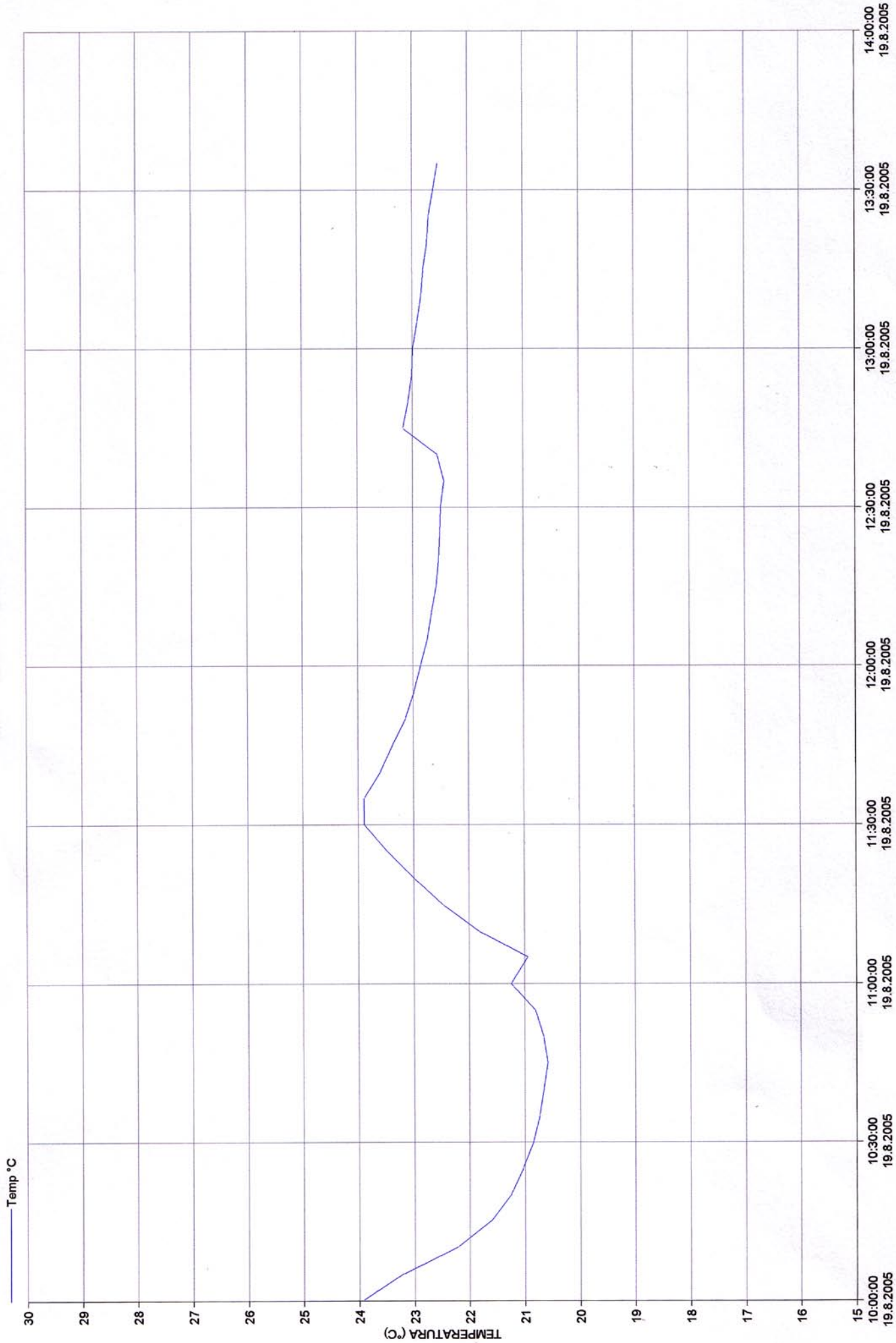
Úhelnice, 19.08.2005



Enclosure No. 1: Chosen photos



61114-05 TEMPERATURA



# 61114-05 RELATIVE HUMIDITY

Hum %RH

