



# Physical - technical testing institute, Ostrava-Radvanice

National Authority No. 210, EU Notified body No.1026

Testing Laboratory No. 1019, accredited by ČIA

Ostrava - Radvanice, tel: 595223111 fax: 596232672

## TEST REPORT No.: 10.0232 - 42

Test: Electrostatic properties

Applicant: **Fatra a.s., tř. T. Bati 1541, 763 61 Napajedla, Czech Republic**

Producer: **Fatra a.s., tř. T. Bati 1541, 763 61 Napajedla, Czech Republic**

Tested subject: **Floor covering type Elektrostatik 1045**

Design of sample: --

Sample number: **16151**

Certificate number: --

Delivery of sample: 03.05.2010

Sample testing method: ČSN EN 61340-4-1 cl.9.3; 10; 11

Deviation of the test method: none

Responsible person: Josef Krupica, head of ATL

Elaborated by: Petr Veselský



Date of issue: 18.05 2010

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Number of annexes: --

Test results mentioned in this test report relate only to the items tested and not replace any other documents.  
In any case the test report shall not be reproduced except in full without the written approval of the testing laboratory

Test samples: Square floor covering, material PVC, dimensions 605x605x1,6mm. Number of samples: 6

Testing environmental conditions: T = 21 °C;  $\phi$  = 50 %

Test equipment (measuring apparatus): ALMEMO reg.No. 165  
METRISO reg.No. 300

Test results:

Test procedure according to ČSN EN 61340-4-1 cl.9.3 – vertical resistance

Test sample No.

č.1	$R_v = 2,1 \cdot 10^5; 9,3 \cdot 10^5; 2,7 \cdot 10^5; 4,8 \cdot 10^5; 2,9 \cdot 10^5; 2,5 \cdot 10^5 \Omega$
č.2	$R_v = 7,9 \cdot 10^5; 4,9 \cdot 10^5; 4,1 \cdot 10^5; 4,6 \cdot 10^5; 2,4 \cdot 10^5; 3,6 \cdot 10^5 \Omega$
č.3	$R_v = 2,2 \cdot 10^5; 6,1 \cdot 10^5; 3,5 \cdot 10^5; 2,7 \cdot 10^5; 3,0 \cdot 10^5; 2,3 \cdot 10^5 \Omega$
č.4	$R_v = 9,0 \cdot 10^4; 5,8 \cdot 10^5; 4,9 \cdot 10^5; 3,2 \cdot 10^5; 6,3 \cdot 10^5; 4,9 \cdot 10^5 \Omega$
č.5	$R_v = 3,5 \cdot 10^5; 6,3 \cdot 10^5; 2,8 \cdot 10^5; 4,2 \cdot 10^5; 4,1 \cdot 10^5; 4,6 \cdot 10^5 \Omega$
č.6	$R_v = 1,8 \cdot 10^5; 8,5 \cdot 10^5; 2,4 \cdot 10^5; 7,4 \cdot 10^5; 4,4 \cdot 10^5; 3,2 \cdot 10^5 \Omega$

Calculated geometric average :  $R_v = 3,78 \cdot 10^5 \Omega$

T ... temperature during measurement  
 $\phi$  ... relative humidity during measurement  
 $R_v$  ... vertical resistance

The applied voltage: 10V; 100 V

  
Tested by: Petr Veselský

Date: 17.05.2010