



**INSTITUT PRO TESTOVÁNÍ A CERTIFIKACI, a. s.**

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**Accredited Testing Laboratory No. 1004**



Testing laboratory \* Calibration laboratory \* Product certification body \* Quality management systems certification body

Inspection body \* Authorized body \* Notified body

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Number of pages:

3

Page : 1

ref.No. 412601278/3

## **ACCREDITED LABORATORY TEST REPORT**

**ref.No. 412601278/3**

**Client:** Technical and Test Institute for Constructions Prague  
Company registration number: 00015679

**Address:** Prosecká 811/76a, 190 00 Prague 9, Czech Republic

**Sample:** **PVC floor covering: UNIDECO TILE (0.3/3.0T)**

**Work requested:** Measurement of dynamic coefficient of friction on dry floor surface

**Sample received on:** 12<sup>th</sup> January 2012

**Report elaborated by:** Irena Čaňová

**Place and date of issue:** Zlín, 19<sup>th</sup> January 2012



Doc. Dipl. Ing. Vladimír Klepal, CSc.  
Head of Accredited Testing Laboratory

***Note: The results given in this Test Report apply only to the sample tested by our laboratory!***

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**Sample description and identification:**

Product sample – Sample No. 3 – **PVC floor covering: UNIDECO TILE (0.3/3.0T)**  
(contract No. Z 010 11 0401) – was registered under No. 1278-3/12.

**Sampling method used:**

The sample supplied by the client, taken by the laboratory staff member using the random selection method - non-accredited sampling, etc.

**Work requested:**

Measurement of dynamic coefficient of friction on dry floor surface according to ČSN EN 13893

**Testing method used:**

Measurement of dynamic coefficient of friction on dry floor surface according to ČSN EN 13893

**Test equipment used:**

Test machine for testing of slip resistance

**Conditioning:**

Time: 48 h.; temperature:  $(23 \pm 2)^{\circ}\text{C}$ , relative humidity:  $(50 \pm 5) \%$

**Test conditions:**

Temperature:  $(23 \pm 2)^{\circ}\text{C}$ , relative humidity:  $(50 \pm 5) \%$ , test cycle consists: no less than of 5 measurements in one test condition, expression of result: arithmetic mean

**Testing laboratory:**

The tests were made by the Testing Laboratory No. 1004 - ITC Zlín – detached workplace No. 3  
– Testing laboratory of shoes and personal protective equipments, SVIT area, building No.34, 762 17 Zlín.

**Tested by:**

Dipl.Ing. Marie Ordeltová, on 18<sup>th</sup> January 2012

**Test results:**

The test results are given in the following table:

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Property measured	Direction of production	Measurements obtained						Data of measurement uncertainty <sup>2)</sup>
		the measured values					arithmetic mean	
Dynamic coefficient of friction <sup>1)</sup>	direction A	0,48	0,49	0,49	0,49	0,47	<b>0,48</b>	0,01
	direction B	0,58	0,58	0,58	0,57	0,59	0,58	0,01

**Legende:**

<sup>1)</sup> coefficient of friction is ratio of the frictional force divided by the normal force, unit is 1

<sup>2)</sup> expressed as an extended measurement uncertainty for extension coefficient k=2

Dipl. Ing. Marie Ordeltová  
Head of testing laboratory of shoes and PPE

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