



**TECHNICKÝ A ZKUŠEBNÍ ÚSTAV STAVEBNÍ PRAHA, s.p.**  
**Technical and Test Institute for Constructions Prague**

Akreditovaná zkušební laboratoř, Autorizovaná osoba, Certifikační orgán, Inspekční orgán  
Accredited Test Laboratory, Authorised Body, Certification Body, Inspection Body

Branch 0300 – Plzeň

# REPORT

No. 030 – 052250

on determination of slipperiness of ceramic tiles

**Customer:** Paradyž Sp. z o.o.  
ul. Milenijna 27/35  
97-200 Tomaszów Mazowiecki, Poland

Order no.: –

from 18. 9. 2015

**Order No.:** Z030150344

**Enclosures:** –

This Report has been made in duplicate. The first original copy is for the customer, the other will be filed along with other documentation in TZÚS Plzeň.

Person responsible for the wording of this Report:

Ing. Hana Kotorová  
Report Author

Person responsible for the correctness of this Report:

Ing. Alexander Trinner  
Branch Manager



Plzeň 19<sup>th</sup> October 2015

Stamp TZÚS - Plzeň Branch

**Statement:**

- 1) The test results relate to the items under test (samples) only.
- 2) This report may not be reproduced otherwise than complete without the written consent of TZÚS.

Technický a zkušební ústav stavební Praha, s. p., Pobočka 0300 - Plzeň,  
☎: 377 243 331, ☎: 377 430 345, Fax:+420 377 430 347, Internat.:+420 377 244 158,  
Bankovní spojení (Bank): KB Praha 1 Czech Republic, ú.č.: 1501-931/0100

Zahradní 15, 326 00 Plzeň, Česká republika  
✉ e-mail: kotorova@tzus.cz, www.tzus.cz  
IČ: 000 15679 DIČ: CZ00015679

## 1 Initial Data

### 1.1 Assignment

- Execution of tests of slipperiness of ceramic tiles according the requirement of the client:
  - **determination of slipperiness – walking methods – ramp test** (barefoot method) according DIN 51097

### 1.2 Samples

Sample specification: **Ceramic tiles dry-pressed, EN 14411, Annex G, group BI<sub>a</sub>**  
type: **BURIAL, format 16 x 98,5 cm**

- Producer: **Paradyž Sp. z o.o., ul. Milenijna 27/35, 97-200 Tomaszów Maz., Polsko**
- Samples supplied on 18<sup>th</sup> September 2015

## 2 Sampling Method

The test samples were supplied by the customers on 18<sup>th</sup> September 2015.  
The samples were recorded this way under no. sample VZ 030151092.

## 3 Testing Procedures

**DIN 51097**

Testing of floor coverings determination of anti – slip properties wet-loaded barefoot areas; walking method – ramp test

## 4 Measurements and Tests

### 4.1 Determination of slipperiness – walking methods – ramp test (wet-loaded barefoot areas method) DIN 51097

Testing samples	Critical angle of slip classification according DIN 51097
<b>BURIAL, format 16 x 98,5 cm</b>	<b>14° A</b>

## 5 Conclusion

Based on the results of the test pursuant to **DIN 51097**, the tested samples of **BURIAL, format 16 x 98,5 cm** produced in the **Paradyž Sp. z o.o., ul. Milenijna 27/35, 97-200 Tomaszów Maz., Poland** classified in **group A**

and can be used for assembly of safe paving, e.g the corridors for walking barefoot (mostly dry), joint and separate dressing rooms, bottom of pools in the area for non-swimmers, when the whole area of water depth greater than 80 cm, sauna and relaxation rooms (mostly dry) etc.)

It should be pointed out that to ensure proper slip resistant function of flooring in the sense of stated conclusion, it is needed to maintain surface in clean conditions and without significant wear.

END OF REPORT

