



TECHNICKÝ A ZKUŠEBNÍ ÚSTAV STAVEBNÍ PRAHA, s.p.

Technical and Test Institute for Construction Prague

Akreditovaná zkušební laboratoř, Autorizovaná osoba, Notifikovaná osoba, Oznamovaný subjekt, Subjekt pro technické posuzování, Certifikační orgán, Inspekční orgán / Accredited Testing Laboratory, Authorised Body, Notified Body, Technical Assessment Body, Certification Body, Inspection Body, Prosecká 811/76a, 190 00 Praha 9

Central laboratory

Testing department Plzeň, Zahradní 15, 326 00 Plzeň

tel.: +420 377 430 345, e-mail: ruml@tzus.cz, www.tzus.eu



L 1018.3

TEST REPORT

issued by Testing Laboratory No. 1018.3
accredited pursuant to ČSN EN ISO/IEC 17025:2005 by Czech Accreditation Institute

No. 030 – 056606

from determination of anti-slip properties of ceramic tiles

Ordering Party/Manufacturer: **„Ceramika Gres“ S. A.**
Address: ul. Ceramiczna 1, 26-200 Końskie, Poland

Company ID: 291070360

Seller: **„Ceramika Gres“ S. A.**
Address: 303-CG Magazyn Surowców, Kopaniny,
26-200 Końskie, Poland

Test sample: **Ceramic tiles – collection CROFT**

Order No.: Z030 18 0167

Number of pages of the Test Report incl. title page: 2 Pages of Annexes: -

Prepared by:


Mgr. Pavla Babková

specialist

Approved by:





Vít Ruml

head of the testing department

Print No.: 1

Number of prints: 3

Plzeň, on 18.5.2018

Declaration: 1) The test results in this Report relate only to the tested article and they do not substitute any other documents
2) The Test Report must be copied as a whole only otherwise a written consent of the testing laboratory is needed.

Technical and Test Institute for Construction Prague, Central laboratory

Nemanická 441, 370 00 České Budějovice, Czech Republic

Bank: Komerční banka, Praha 1

Phone.: +420 387 023 211

Account No.: 1501-931/0100

www.tzus.eu

e-mail: pilarova@tzus.cz

Entered in the Commercial Register maintained by Municipal Court in Prague, Section ALX, Insert 711, Comp. ID: 00015679, VAT: 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** (shoe method) according DIN 51130

1.2 Samples

- Sample specification: **Ceramic tiles dry-pressed, EN 14411** collection: **CROFT** dimension 60×60 cm
- Producer: „**Ceramika Gres**“ S. A., ul. Ceramiczna 1, 26-200 Końskie, Poland
- Samples supplied on 11th May 2018.

2 Sampling Method

The test samples were supplied by the customers on 11th May 2018.
The samples were recorded this way under no. sample: VZ 030180440..

3 Testing Procedures

DIN 51130 :2014

Testing of floor coverings determination of anti – slip properties; workrooms and fields of activities with raised slip langer, walking method – ramp test

4 Measurements and Tests

Determination of slipperiness– **walking methods – ramp test (shoe method)**
DIN 51130

Testing samples	Critical angle of slip classification according DIN 51130
collection: CROFT dimension 60×60 cm	13,6° class R10

5 Conclusion

Based on the results of the test pursuant to DIN 51130, the **tested samples of ceramic tiles dry-pressed, EN 14411 collection CROFT dimension 60×60 cm** produced in the “Ceramika Gres” S. A., ul. Ceramiczna 1, 26-200 Końskie, Poland classified **in class R 10** can be used for assembly of safe paving, e.g. for paving in warehouses, small kitchens, sanitary facilities, cafés, teashops etc. and can be used also for assembly of safe paving as class R9 (e.g. for paving in space for breaks, customer spaces, massage rooms, hairdressing salons, rooms for mangles, for ironing, classrooms 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 always in clean conditions and without significant wear.

On test samples was determined slipperiness. Other properties were not subject to testing.

END OF REPORT

