

**Declaration of performance No.: D 13 01**

1. Unique product ID: Dxxxxxxx except mosaics DDPxxxxx, DDMxxxxx, DDVxxxxx, shaped pieces DSAxxxxx, DSKPMxxx, DDFxxxxx, DDPxxxxx, DDRSNxxx and stair elements DCPxxxxx, DCLPKxxx
2. The type, series or another identification code of the product that enables its unique identification: a glazed ceramic tile element with absorbability up to 0.5 % - all series listed in the RAKO HOME catalogue with a catalogue number as per point 1.
3. Indented application:  
This group of products involves glazed tile elements for final finishing of internal and external floors and walls in areas that may be subject to frost and higher mechanical stress, excluding floors in special conditions. The range of colours is diverse, with various types of decor in natural variation of shades, which are marked on the packaging. It is necessary to pay attention to information provided on the packaging, accompanying leaflets and the producer's technical catalogue before installation of the product (<http://www.rako.cz/ke-stazeni/katalogy-cenik.html>). It is also important to abide by the rules for application of construction chemicals.
4. Name, company, contact address: LASELSBERGER, s.r.o., Adelova 2549/1, 320 00 Plzeň - Jižní Předměstí (ID: 25238078) Czech Republic, Phone No.: 420378021111, Fax: +420 378021 119, E-mail: [info@rako.cz](mailto:info@rako.cz)
5. Systems for assessing and verifying stability of structural products' properties: 3 (annex V. point 1.4 Regulation of the European Parliament and the Commission (EU) No. 305/2011, dated 9th March 2011).
6. The Technical and Test Institute for Construction Prague performed an evaluation in conformity with system 3 and issued a Protocol on Conformity Verification, type No. 030 - 031415 regarding a statement on the structural products' properties subject to the standard EN 14 411: 2006.
7. The properties listed in the statement apply for all commercial quality classes:

Basic characteristics	Property	Harmonized technical specification
Reaction to fire	Class A1 <sub>n</sub>	without testing (decree 96/603 EHS)
Breaking strength	≥1500 N	EN 14 411: 2006
Modulus of rupture	≥40 MPa	
Slip resistance	The slip resistance value as per EN 13 552 and ČSN 72 5191 is given in Table 1	
Durability, frost/thaw effect	resistant	
Resistance against sudden changes of temperature	required	
Adhesion	- with bonding cement: ≥0.5 N/mm <sup>2</sup> - with dispersion adhesives: ≥ 1.0 N/mm <sup>2</sup> - with reactive resin adhesives: ≥ 2.0 N/mm <sup>2</sup>	
Release of hazardous substances - cadmium release - lead release	max. 0.07 mg/dm <sup>2</sup> max. 0.8 mg/dm <sup>2</sup>	EN 14 411: 2006
Assessment of natural radionuclide content	max. index of mass activity 1.0	law No. 18/1997 Coll., §6 and implementing regulation No. 307/2002 Coll., §96 as amended

The products satisfy requirements for the content of natural radionuclides pursuant to the Regulation No. 307/2002 Coll., as currently amended. The products further satisfy requirements for Cd and Pb infusibility in accordance with Q1-Q2 ČSN EN 14 411:2006 and can be used on worktops and wall surfaces where food is prepared and where food gets in direct contact with the glazed surface of the tile element.

**Table 1: Slip resistance of glazed sintered ceramic tile elements as per EN 13 552 and ČSN 72 5191**

Name of the method	method B static friction coefficient		method C DIN 51 130	method c DIN 51 097
	μ dry	μ wet	R	(A, B, C)
Andalusia DAR3511x, Antik 90 – 95 DAR3509x	≥0.6	≥0.5	R9	-
Antik DAR35101- DAR35103	≥0.6	≥0.5	R10	-
Antik DAR35108	≥0.7	≥0.6	R11	C
Arena DAA4437x	≥0.6	≥0.5	R10	A
Clay DARxx6xx, Concept DAAxxxxx, Defile DAAxx36x, Noe DAKVx10x	≥0.6	≥0.5	R9	-
Essencia DAAxx34x, Fashion DAKSE62x	≥0.6	≥0.5	R9	A
Galileo DAR3B20x	≥0.6	≥0.5	R10	B
Geo DARxx31x	≥0.7	≥0.6	R10	A
Chateau DAKPx16x	≥0.6	≥0.5	R10	A
Naturstone, DAR4428x	≥0.6	≥0.5	R10	B
Orion DAXxx35x	≥0.6	≥0.5	R9	A
Pietra, DARxx6xx, Rock DAXxx63x	≥0.6	≥0.5	R10	A
Samba GAT3B1xx, Sandstone Plus DAKxx27x	≥0.6	≥0.5	R9	A
Sidney DAA4412x, Spirit DAK44xxx, Terracotta DAR3462x	≥0.6	≥0.4	R9	-
Travertin DARxx03x	≥0.6	≥0.5	R10	A
Unistone DAKxxxxx	≥0.6	≥0.5	R9	-
Unistone DARxxxxx	≥0.6	≥0.5	R10	A
Venezia DAR3B00x	≥0.6	≥0.5	R9	A
Wax DAR4461x, Wood DAKSU6xx	≥0.6	≥0.5	R9	-

8. Properties of the product listed in points 1 and 2 are in conformity with properties listed in point 7. As per the REACH No. 1907/2006, the ceramic tiles are objects that release no chemical substances.

This statement on the properties has been issued under the full responsibility of a producer specified in point 4.

Signature on behalf of the producer:

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Ing. Zuzana Fajfrová

Quality Manager

LASELSBERGER s.r.o.

Date and place of issue: 1st January 2013, Plzeň

