

Declaration of Performance No: T 18 01

- Unique product ID:** Dxx81xxx, Dxx84xxx, DxxV1xxx, excluding mosaics (DDPxxxxx, DDMxxxxx), excluding shaped bricks (DSAxxxxx) and excluding step tiles (DCPxxxxx, DCFxxxxx).
The type, series or another product identification code that enables its unique identification: large format unglazed ceramic tile element with absorbing power $E \leq 0.5\%$ - large format ceramic tile elements from one side length ≥ 80 cm and more stated in the manufacturer's catalogue.
- Intended use:** 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 due to the specific characteristics of the individual products. The range of colours is diverse, with various types of décor in natural variation of tints, 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/cs/pro-odborniky>). It is necessary to observe the rules for application of construction chemicals that are stated in the concerned manuals.
- Manufacturer:** LASSELSBERGER, s.r.o., Adolova 2549/1, 320 00 Plzeň – Jižní Předměstí (Company ID No: 25238078) Czech Republic, Phone No.: +420 800 303 333, Fax: +420 378021 119, e-mail: info@rako.cz
- Authorised representative:** N/A
- Systems for assessing and verifying the performance stability of construction products:** System 4 (according to Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011 and Annexes V, point 1.5 of 27 May 2014)
- In the case of the declaration of performance concerning construction products subject to the harmonized standard EN 14 411: 2016, name and identification number of notified body: irrelevant.
- The declared performances** listed in the statement apply to all commercial quality classes:

Table 1: Declared product performances

Basic characteristics	Value of properties	Harmonized technical specification
Reaction to fire	Class A1 _{fl} /A1	without testing (decree 96/603 EHS)
Fracture load	≥ 1300 N	EN 14 411:2016
Bending strength	Min. 35 N/mm^2 , individually min 32 N/mm^2	
Slip resistance	The slip resistance value according to CEN/TS 16165 is given in Table No 2.	
Tangibility	NPD*	
Durability for: - internal use - exterior use: freezing - thawing	compliant compliant	
Resistance against sudden changes of temperature	compliant	
Adhesion	- with bonding cement type C2: $\geq 1.0 \text{ N/mm}^2$ - with dispersion adhesives: $\geq 1.0 \text{ N/mm}^2$ - with reactive resin adhesives: $\geq 2.0 \text{ N/mm}^2$	EN 14 411:2016
Hazardous substance release - cadmium release - lead release	max. 0.07 mg/dm^2 max. 0.8 mg/dm^2	
Assessment of natural radionuclide content	max. index of mass activity 1.0	Act No 373/2016 Coll., and Implementing Decree No 422/2016 Coll. Section 102, as amended

* No Performance Determined - NPD (No Performance Determined)

The products comply with the requirements for the content of natural radionuclides according to Decree No. 422/2016 Coll., as amended. The products further comply with the requirements for leachability of Cd, Pb within the meaning of ČSN EN 14 411 ed.3: 2017 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.



Brand of lasselsbergergroup

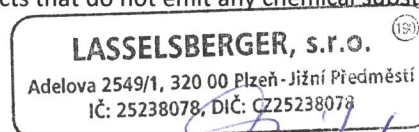
Table 2: The values of the slip resistance performances of the unglazed sintered ceramic tile elements according to CEN/TS 16165:

Name of the method	Friction coefficient		DIN 51 130	DIN 51 097
Type of surface according to the series and the product identification code	μ in dry conditions	μ in wet conditions	R	(A, B, C)
Kaamos DAK81xxx, DAK84xxx,	≥ 0.6	≥ 0.5	R10	A
Block DAK81xxx, Block DAK84xxx, Block DAKV1xxx	≥ 0.6	≥ 0.5	R10	B

8. The relevant technical documentation and/or specific technical documentation:

This declaration of performance is in compliance with Regulation (EU) No. 305/2011 issued on the exclusive liability of the above-stated manufacturer. The performances of the above-stated product complies with the set of declared performances. According to Regulation REACH No 1907/2006, the ceramic tile elements are objects that do not emit any chemical substances.

Signed on behalf of the manufacturer and in its name:
01. 11/2019 in Plzeň



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Ing. Zuzana Fajfrová, Quality Manager