



Brand of lasselsbergergroup

Declaration of Performance No: D 13 01

- Unique product identification code:** Dxxxxxx excluding mosaics (DDP06xxx, DDMxxxxx, DDR06xxx), shaped bricks (DSAxxxxx, DSKxxxxx, DCExxxxx, DCFxxxxx, DDPxxxxx, DDRSNxxx, DSAS4xxx) and step tiles (DCPxxxxx, DCVxxxxx, DCPSExxx).
The type, series or another product identification code that enables its unique identification: glazed ceramic tile element with absorbing power $E \leq 0.5\%$ - all series stated in the manufacturer's catalogue with allocated catalogue number.
- 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 in the field titled "Tint". It is necessary to pay attention to information provided on the packaging, accompanying leaflets and the manufacturer's technical catalogue before installation of the product (<https://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., Adelova 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 _{fi} /A1	without testing (decree 96/603 EHS)
Fracture load	≥1500 N for all dimensions of glazed ceramic tile elements ≥11000 N for Dxx66xxx	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	EN 14 411:2016
Adhesion	- with bonding cement type C2: ≥1.0 N/mm ² - with dispersion adhesives: ≥ 1.0 N/mm ² - with reactive resin adhesives: ≥ 2.0 N/mm ²	
Hazardous substance release - cadmium release - lead release	max. 0.07 mg/dm ² max. 0.8 mg/dm ²	EN 14 411:2016
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.

Table 2: Values of the slip resistance performances of glazed sintered ceramic tile elements according to CEN/TS 16165:

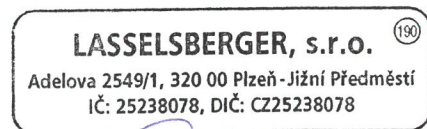
Name of the method	Friction coefficient		DIN 51 130	DIN 51 097
	μ in dry conditions	μ in wet conditions		
Type of surface according to the series and the product identification code			R	(A, B, C)
Base DAKxxxxx, Tess DAA44xxx	≥ 0.5	≥ 0.3	R9	A
Alba DARxxxxx, Board DDPSExxx, Trend DDPSExxx, Cemento DDPSExxx, Travertin DARxx03x, Stones DAKxxxxx, Limestone DARSUxxx	≥ 0.6	≥ 0.5	R10	A
Cemento DAGxxxxx, Stones DAGxxxxx	≥ 0.7	≥ 0.6	R11	C
Quarzit Outdoor, Saloon Outdoor	≥ 0.7	≥ 0.6	R11	B
Alba Lap. DAPxxxxx, Alba DDPSExxx, Cemento DAKxxxxx, Clay DARxx6xx, DDVSExxx, Concept DAAxxxxx, Defile DAAxx36x, Defile lappato DAPxxxxx, Sandstone Plus Lappato DAPxxxxx, Sandy DAKxxxxx, Stones Lappato DAPxxxxx, DECO Dxxxxxxx, Unistone DAxxxxxx,	≥ 0.6	≥ 0.5	R9	NPD*
Golem DAKxxxxx, Pietra di Mare,	≥ 0.6	≥ 0.3	R9	NPD*
Base DAR12xxx, Cemento DARxxxxx, Extra Dxxxxxxx, Stones DARxxxxx, Sandy DARxxxxx, DDPSExxx, Unistone DAR12xxx, DAR1Dxxx, Stones DARxxxxx, DDPSExxx, Base DARxxxxx, Trend DAK12xxx, Rebel DAK12xxx, Betonico DAKxxxxx	≥ 0.6	≥ 0.5	R10	B
Board DAKxxxxx, Garda DAA3Bxxx, Random DAKxxxxx, Era DAR3Bxxx, Form Dxx3Bxxx, Form dekor DDP3Bxxx, Golem DDPxxxxx, Sandstone Plus DAKxx27x, Trend DAKxxxxx, Faro DARSUxxx, Como Dxx3Bxxx, Fashion DAKSExxx, Rebel DAxxxxxxx, Saloon DAKxxxxx	≥ 0.6	≥ 0.5	R9	A
Geo DARxx31x,	≥ 0.7	≥ 0.5	R10	A
Pietra, DARxx6xx, DDVSExxx,	≥ 0.6	≥ 0.5	R10	A
Pietra DDPSExxx, Geo DDP44xxx, Pebbles DAR3Bxxx,	≥ 0.7	≥ 0.6	R10	B
Quarzit Dxxxxxxx, Limestone DAKxxxxx, Blend DAK63xxx, Blend DAA44xxx	≥ 0.5	≥ 0.5	R9	A
Quarzit DARxxxxx, Rebel DAK12xxx	≥ 0.5	≥ 0.5	R10	B
Siena DDPxxxxx,	≥ 0.6	≥ 0.4	R9	A
Sidney DAA4412x, Siena DARxxxxx, Spirit DAK44xxx,	≥ 0.6	≥ 0.4	R9	NPD*
Unistone DAR63xxx, DARSExxx, DAR3Bxxx, DAR26xxx, DDPSExxx,	≥ 0.6	≥ 0.5	R10	A
Via DARxxxxx, Via dekor DDVT8xxx.	≥ 0.6	≥ 0.5	R9	A

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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