



Brand of lasselsbergergroup

Declaration of Performance No: T 13 01

- Unique product type identification code:** Txx12xxx, Txx1Dxxx, Txx26xxx, Txx35xxx, TxxSAxxx, Txx61xxx, Txx64xxx, TxxVBxxx, TxxSExxx, Txx29xxx, Txx3Rxxx, Dxx63xxx, Dxx66xxx, Dxx69xxx, DxxSExxx, Dxx44xxx, Dxx34xxx, Dxx12xxx, Dxx1Dxxx, Dxx26xxx, DxxSGxxx, Dxx66xxx, excluding shaped bricks and step tiles (TDM06xxx, DDM06xxx, TCA35xxx, TCP35xxx, TCV35xxx, TSAJBxxx, TSFJBxxx, TSPCExxx, TSPEMxxx, TSIRBxxx, TSEBxxx, TSZEFxxx, TCFJHxxx, TTR12xxx, TTP12xxx, TSPJBxxx, DCPSExxx, DSAS4xxx, DSAPMxxx, DSKS4xxx, DSA89xxx, DCF84xxx, DCP84xxx, DCPVFxxx).

The type, series or another product identification code that enables its unique identification: unglazed ceramic tile element with absorbing power $E \leq 0.5\%$: TAURUS Color, Granit, Porfyr, Industrial series in all sizes stated in the manufacturer's catalogue and Rock, Kaamos, Block, Piazzetta in dimensions $\leq 60 \times 60$ cm stated in the manufacturer's catalogue.
- Intended use:** This group of products involves unglazed tile elements for final finishing of interior and exterior floors and walls in areas that may be exposed 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 also 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 _{fl} /A1	without testing (decree 96/603 EHS)
Fracture load	≥ 1500 N for all dimensions of unglazed ceramic tile elements ≥ 3000 N for DxxSGxxx ≥ 5500 N for Txx29xxx ≥ 5000 N for Txx3Rxxx ≥ 11000 N for Txx66xxx and Dxx66xxx ≥ 30000 N for Txx69xxx and Dxx69xxx	EN 14 411:2016
Bending strength	≥ 35 N/mm ² , individually at least 32 N/mm ²	
Slip resistance	The slip resistance value according to CEN/TS 16165 is given in Method 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: ≥ 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
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* 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 satisfy requirements for Cd and Pb leachability within the meaning of ČSN EN 14 411 ed.3:2017 and can be used on worktops and wall surfaces on which food is prepared and where food can come into direct contact with the facing surface of the tile element.

Table 2: The values of the slip resistance performances of unglazed 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	R	In (cm ³ /dm ²)	(A, B, C)
Surface S 10 x 10 cm - TAA12xxx, Rock DAK12xxx, DAK1Dxxx, DDP34xxx	≥ 0.7	≥ 0.6	R10	NPD*	B
Surface S 15 x 15 cm - TAA1Dxxx	≥ 0.7	≥ 0.6	R10	NPD*	A
Surface S 20 x 20 cm - TAA26xxx, TAA29xxx, Kaamos (DAAxxxxx, DAKxxxxx), Rock DAAxxxxx	≥ 0.6	≥ 0.5	R10	NPD*	A
Block DAKxxxxx, Block DAA34xxx, Piazzetta DAKxxxxx, Piazzetta DAA44xxx	≥ 0.6	≥ 0.5	R10	NPD*	B
Surface S ≥ 30 x 30 cm - TAA35xxx, TAA3Rxxx, TAASAx, TAA61xxx	≥ 0.6	≥ 0.5	R9	NPD*	A
Rock lappato DAPxxxxx, Block lappato DAPxxxxx	≥ 0.6	≥ 0.5	R9	NPD*	NPD*
Surface S ≥ 30 x 30 cm Porfyr - TAA35Axx, TAA35Lxx	≥ 0.6	≥ 0.6	R10	NPD*	A
Surface SB-TAB35xxx	≥ 0.7	≥ 0.6	R10	NPD*	A
Piazzetta outdoor DAR66xxx	≥ 0.7	≥ 0.7	R11	NPD*	B
Embossed SR1-TR1xxxxx	≥ 0.7	≥ 0.6	R11	V4	B
Embossed SR2 – TR2xxxxx	≥ 0.7	≥ 0.6	R12	V4	B
Embossed SR3 – TR3xxxxx	≥ 0.7	≥ 0.6	R12	NPD*	B
Embossed SR4 – TR4xxxxx	≥ 0.7	≥ 0.6	R12	V4	C
Embossed SR7 – TR7xxxxx, Kaamos Outdoor,	≥ 0.7	≥ 0.6	R11	NPD*	B
Embossed SR20 – TRAxxxxx	≥ 0.7	≥ 0.6	R13	V8	C
Embossed SRM-TRMxxxxx	≥ 0.6	≥ 0.6	R11	NPD*	B
Embossed SRU – TRUSAxxx, TRU61xxx	≥ 0.7	≥ 0.6	R10	NPD*	B
Kaamos (DAK12xxx)	≥ 0.6	≥ 0.5	R10	NPD*	B
Polished surface TALxxxxx	≥ 0.5	≥ 0.3	NPD*	NPD*	NPD*

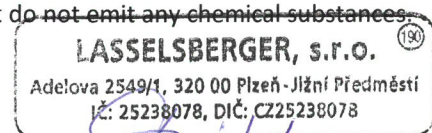
* No Performance Determined - NPD (No Performance Determined)

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



Ing. Zuzana Fajfrová, Quality Manager