



Brand of lasselsberggroup

## Declaration of Performance No: T 21 01

- Unique product type identification code:** Txxxxxxx, Dxxxxxxx a Gxxxxxxx, excluding shaped tiles (DCxxxxxx, TCxxxxxx, DSxxxxxx, TSxxxxxx, DDMxxxxx, DDRxxxxx, TDxxxxxx, TTxxxxxx, GDMxxxxx, GSxxxxxx)<sup>1</sup>.  
The type, series or another product identification code that enables its unique identification: ceramic tile element with absorbing power  $E \leq 0.5\%$ : group of products stated in the manufacturer's catalogue.  
<sup>1</sup>) The initial characters (letters and numbers) given in this DoP, which precede the string of characters marked "x", are decisive for product identification, whereby any alphanumeric character may be used instead of the "x" character: A-Z or 0-9.
- Intended use:** Dry-pressed ceramic tiles with water absorption  $E_b \leq 0.5\%$ , group Bla (Annex G) for the internal and external wall and floor tiling of buildings.
- 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:

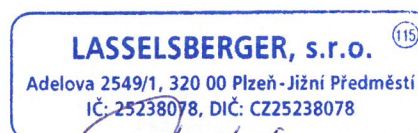
**Table 1: Declared product performances**

Basic characteristics	Value of properties	Harmonized technical specification
Reaction to fire	Class A1- A1 <sub>fl</sub>	without testing (decree 96/603 EHS)
Release of dangerous substances - cadmium - lead - other dangerous substances	NPD* NPD* NPD*	EN 14 411:2012
Adhesion: - cementitious adhesives, type C2 - dispersion adhesives - reaction resin adhesives - mortar	$\geq 1.0 \text{ N/mm}^2$ NPD* NPD* NPD*	
Thermal shock resistance	Pass	
Breaking strength	$\geq 7,5 \text{ mm} \geq 1300 \text{ N}$ $< 7,5 \text{ mm} \geq 700 \text{ N}$	
Slipperiness	NPD*	
Durability for: - internal use - exterior use: freezing – thaw resistance	Pass Pass	
Tactility	NPD*	

\* No Performance Determined - NPD (No Performance Determined)

- The relevant technical documentation and/or specific technical documentation:**  
The performances of the above-stated product comply with the set of declared performances. This declaration of performance is in compliance with Regulation (EU) No. 305/2011 issued on the exclusive liability of the above-stated manufacturer.

Signed on behalf of the manufacturer and in its name:  
November 1st, 2021, Pilsen  
Replaces the declaration dated October 30th, 2020



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Ing. Zuzana Fajfřová, Quality Manager

Replaces DoPs: T 13 01, T 18 01, D 13 01, D 18 01 a G 13 01

**Additional product information:**

**1. Breaking strength according to standard EN ISO 10545-4:**

Identification of product groups	Thickness [mm]	Breaking strength [N]
Gxxxxxxx, Txxxxxxx, Dxxxxxxx	<7,5	700
Gxxxxxxx, Dxxxxxxx	≥7,5	1300
Txxxxxxx a Dxxxxxxx (square format) except for large formats*	≥ 8	1500
Txx3Sxxx, Txx28xxx	≥ 13	4200
Txx3Vxxx, Txx2Zxxx	≥ 14	5000
Txx29xxx, Txx3Rxxx	≥ 15	5500
Txx12xxx, TxxSAxxx, DxxSExxx, Txx61xxx a Dxx63xxx	≥ 10	2000
DxxSGxxx	≥ 15	3000
Dxx65xxx	≥ 15	6000
Dxx66xxx	≥ 20	11000
Dxx69xxx	≥ 30	21000

\* large formats of ceramic tiles from the length of one of the sides ≥ 80 cm

**2. The values of the slip resistance performances of 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	V (cm <sup>3</sup> /dm <sup>2</sup> )	(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, Txx28xxx, Kaamos (DAAxxxxx,DAKxxxxx), Kaamos Industrial, Rock DAAxxxxx	≥0,6	≥0,5	R10	NPD*	A
TAURUS Surface ABS – TAA11xxx, TAA25xxx, TAA34xxx, TASExxx, TAK63xxx, TAA2Zxxx, TAA3Vxxx, Block DAKxxxxx, Block, DAA34xxx, Piazzetta DAKxxxxx, Piazzetta DAA4xxx, Color Two (GRSxxxxx, GRNxxxxx, GAKxxxxx, GAFxxxxx), Castone (DAK1185xx, DAK62xxx, DAK81xxx), Compila (DAAxxx, DAKxxx), Plywood (DAKV18xxx, DAKVGxxx)	≥0,6	≥0,5	R10	NPD*	B
Surface S ≥ 30 x 30 cm – TAA35xxx, TAA3Rxxx, TAASAxxx, TAA61xxx, Txx3Sxxx	≥0,6	≥0,5	R9	NPD*	A
Rock lappato DAPxxxxx, Block lappato DAPxxxxx	≥0,5	≥0,4	R9	NPD*	NPD*
Surface S ≥ 30 x 30 cm Porfyr – TAA35Axx, TAA35Lxx	≥0,6	≥0,5	R10	NPD*	A
Surface SB-TAB35xxx	≥0,7	≥0,6	R10	NPD*	A
Relief SR1-TR1xxxxx	≥0,7	≥0,6	R11	V4	B
Relief SR2 – TR2xxxxx	≥0,7	≥0,6	R12	V4	B
Relief SR3 – TR3xxxxx	≥0,7	≥0,6	R12	NPD*	B
Relief SR4 – TR4xxxxx	≥0,7	≥0,6	R12	V4	C
Relief SR7 – TR7xxxxx, Betonico DAFxxxxx	≥0,7	≥0,6	R11	NPD*	B
Relief SR20 – TRAxxxxx	≥0,7	≥0,6	R13	V8	C
Relief SRM-TRMxxxxx	≥0,6	≥0,6	R11	NPD*	B
Relief SRM-TRM25xxx	≥0,7	≥0,6	R12	NPD*	B
Relief SRU – TRUSAxxx, TRU61xxx	≥0,7	≥0,6	R10	NPD*	B
Kaamos (DAK12xxx)	≥0,6	≥0,5	R10	NPD*	B



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Polished surface TALxxxxx, Color Two GAAxxxxx, Limestone DALxxxxx, Onyx (DALxxxxx, DDL06xxxx), Cava (DALxxxxx, DDL06xxxx)	≥0,5	≥0,3	NPD*	NPD*	NPD*
Base DAKxxxxx, Tess DAA44xxxx	≥0,5	≥0,3	R9	NPD*	A
Alba DARxxxxx, Board DDPSExxx, Trend DDPSExxx, Cemento DDPSExxx, Travertin DARxx03x, Stones DAKxxxxx, Limestone DARSUxxx	≥0,6	≥0,5	R10	NPD*	A
Cemento DAGxxxxx, Stones DAGxxxxx	≥0,7	≥0,6	R11	NPD*	C
Outdoor: Kaamos, Quarzit, Saloon, Rebel, Piazzetta DAR66xxx, Betonico, Bricola, Castone, Vals	≥0,7	≥0,7	R11	NPD*	B
Compila DAFxxxxx	≥ 0,7	≥ 0,6	R11	NPD*	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*	NPD*
Golem DAKxxxxx, Pietra di Mare	≥0,6	≥0,3	R9	NPD*	NPD*
Base (DAR12xxx, DAR63xxx, DARSExxx), Cemento DARxxxxx, Extra Dxxxxxxx, Stones DARxxxxx, Sandy (DARxxxxx, DDPSExxx), Unistone (DAR12xxx, DAR1Dxxx, DDPSExxx), Trend DAK12xxx, Rebel DAK12xxx, Betonico DAKxxxxx, Linka DAXxxxxx, Porfido DASxxxxx, Abetone (DAK62xxx, DAASxxx), Quarzit DARxxxxx, Vals (DAKSVxxx, DAK62xxx), Bricola (DAKVG8xx, DAKV185x)	≥0,6	≥0,5	R10	NPD*	B
Board DAKxxxxx, Garda DAA3Bxxx, Random DAKxxxxx, Era DAR3Bxxx, Form Dxx3Bxxx, Form Dekor (DDP3Bxxx, DAAxxxxx, DDR05xxx), Golem DDPxxxxx, Sandstone Plus DAKxx27x, Trend (DAK63xxx, DAKSExxx, DAK44xxx, DAK4Hxxx), Faro DARSUxxx, Como Dxx3Bxxx DARxxxxx, Como DDPxxx, Fashion DAKxxxxx, Rebel DAXxxxxx, Saloon DAKxxxxx, Samba GAT3Bxxx, Flash DAKxxxxx, Garda DAAxxxxx, Levante DAK63xxx, Siena DDPxxxxx	≥0,6	≥0,5	R9	NPD*	A
Geo DARxx31x	≥0,7	≥0,5	R10	NPD*	A
Pietra, DARxx6xx, DDVSExxx	≥0,6	≥0,5	R10	NPD*	A
Pietra DDPSExxx, Geo DDP44xxx, DDP4Hxxx, Pebbles DAR3Bxxx	≥0,7	≥0,6	R10	NPD*	B
Quarzit Dxxxxxxx, Limestone DAKxxxxx, Blend (DAK63xxx, DAA44xxx, DAA4Hxxx), Onyx DAKxxxxx, Cava DAKxxxxx	≥0,5	≥0,5	R9	NPD*	A
Sidney DAA4412x, Siena DARxxxxx, Spirit DAK44xxx	≥0,6	≥0,4	R9	NPD*	NPD*
Unistone DAR63xxx, DARSExxx, DAR3Bxxx, DAR26xxx, DDPSExxx	≥0,6	≥0,5	R10	NPD*	A
Via DARxxxxx, Via dekor DDVT8xxx	≥0,6	≥0,5	R9	NPD*	A
Relief surface (GRHxxxxx)	≥0,7	≥0,5	NPD*	NPD*	C

\* No Performance Determined - NPD (No Performance Determined)

### 3. Natural radionuclide content

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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