



LASSELSBERGER

Technical Documentation for Products Bla – Appendix of the Declaration of Conformity



Year: 05

Designation:

Standard: EN 14 411 Appendix G

Tiling element type: Dry-pressed ceramic tiles with low water absorption $E \leq 0.5 \%$

Manner of application: internal and external tilting and paving

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List of characteristics	Declared value or class	Test method
Reaction to fire	Class A1 _{fl}	Untested (Decision 96/603 EEC)
Breaking strength	-Breaking strength:>1,300 N (for thickness ≥ 7.5 mm) > 700 N (for thickness < 7.5 mm)	EN ISO 10545-4
Modulus of rupture	- Modulus of rupture R Diameter: min. 35 N/sq. mm Individual: min. 32 N/sq. mm	
Slipperiness	Values of slipperiness acc. to methods A,B,C, and D are stated in the slipperiness table	CSN 72 5191: 2004 Determination of slipperiness
Frost resistance	Required	EN ISO 10545-12
Thermal shock resistance	Required	EN ISO 10545-9
Adhesion	-With cement glues: ≥ 0.5 N/sq. mm -With dispersion glues: ≥ 1.0 N/sq. mm -With reactive resin glues: ≥ 2.0 N/sq. mm	EN 1348 EN 1324 EN 12003
Release of dangerous substances -Cadmium release -Lead release	max. 0.07 mg/sq. dm max. 0.8 mg/sq. dm	EN ISO 10545-15 (Decree 38/2001 Coll. of the Ministry of Healthcare of the Czech Republic)
Evaluation of the contents of natural radio nuclides	Max. index of weight activity 2.0	Law No. 13/2002 Coll. §6 and performing decree SUJB No. 307/2002 in Section 96

Table of slipperiness according to CSN 72 5191:2004

Product type pursuant to the catalogue	Method A		Method B		Method C		Method D	
	Dry	Wet	Dry	Wet	Oil	Water	Dry	Wet
Taurus S 10x10 cm	0,62	0,55	0,68	0,56	R10	B	60	44
Taurus S 15x15 cm	0,68	0,53	0,66	0,61	R10	A	65	45
Taurus S 20x20 cm	0,61	0,57	0,61	0,59	R10	A	60	41
Taurus S >30x30 cm	0,66	0,60	0,66	0,62	R 9	A	61	45
Taurus SB	0,73	0,63	0,84	0,75	R10	A	70	54
Taurus SR1	0,73	0,62	0,79	0,72	R11	B	81	75
Taurus SR2	0,77	0,61	0,86	0,75	R12	B	76	66
Taurus SR4	0,76	0,61	0,76	0,71	R12	C	73	70
Taurus SR7	0,69	0,56	0,73	0,63	R11	B	62	41
Taurus SR20	0,76	0,65	0,77	0,66	R13	C	80	75
Taurus SR21	0,81	0,70	0,83	0,72	R12	C	82	76
Kentaur *-Impresse 237	0,56	0,47	0,55	0,39	R10	A	52	26
Kentaur -Antik 108	0,76	0,62	0,76	0,63	R11	C	70	61
Kentaur - Venezia	0,56	0,50	0,60	0,45	R9	A	64	35
Kentaur - Mars	0,76	0,61	0,84	0,60	R10	B	59	48

*The slipperiness values for the others products Kentaur according Method C are published in the catalogue KENTAUR-VEGA.

Description of individual methods:

Method A – Determination of the dynamic coefficient of friction

Method B – Determination of the static coefficient of friction

Method C – Determination of the slip angle on slope plane (test bridge method – DIN 51 130 working shoes – working space and DIN 51 097 Barefoot – wet environment)

Method D – Determination of the slipperiness using the method of pendulum swing at dry and wet (pendulum method)