Technical data sheet

Product: **DAA4H784**	Serie: **Block**
Color: **beige**	Norm: **EN 14411:annex G, Bla**
Nominal size: **45x45 cm**	Declaration: **T 21.01**
Declared size: **448x448x8 mm**	Group of goods: **floor tile sintered UGL**
	Product type: **fully sintered tile**
Surface: **flat matt ABS**	Certification UPEC: **U4 P3 E3 C2**

Technical characteristics	**Norm**	**EN 14411:annex G Bla**	**LB/RAKO**
Tolerance - Length/width	ISO 10545-2	± 0.6%	± 0.4%
Tolerance - Thickness	ISO 10545-2	± 5%	± 5%
Tolerance - Straightness	ISO 10545-2	± 0.5%	± 0.25%
Tolerance - Rectangularity	ISO 10545-2	± 0.6%	± 0.3%
Tolerance - Surface flatness	ISO 10545-2	± 0.5%	± 0.25%
Surface quality	ISO 10545-2	Min. 95%	Min. 95%
Water absorption	ISO 10545-3	E<0.5%,ind.max 0,6%	E<0.3%,ind.max 0,4%
Breaking strength	ISO 10545-4	>= 7,5 mm min. 1300 N < 7,5 mm min. 700	>=1500 N
Modulus of rupture	ISO 10545-4	Min. 35 N/mm2 Ind.min. 32 N/mm2	Min. 40 N/mm2 Ind.min. 32 N/mm2
Resistance to deep abrasion (UGL)	ISO 10545-6	Max. 175 mm3	Max. 135 mm3
Coefficient of linear thermal expansion	ISO 10545-8	Declared value	Max. 0,000008 / K
Thermal shock resistance	ISO 10545-9	Required	Resistant
Crazing resistance	ISO 10545-11	Required	Resistant
Freeze-thaw resistance	ISO 10545-12	Declared value	resistant
Durability for: internal use	EN 14411	Pass	Pass
Slipperiness (bare feet)	EN 16165	Declared value	B
Slipperiness (shod feet)	EN 16165	Declared value	R10
Coefficient of friction (dry)	EN 16165	Declared value	>=0,6
Coefficient of friction (wet)	EN 16165	Declared value	>=0,5
Discharge volume	DIN 51 097	Declared value	not relevant
Bond strength/adhesion-cem. adhesives	EN 12004:2007+A1:2012	Declared value	>=1,0 N/mm2
Bond strength/adhesion-dispers. adhesiv.	EN 12004:2007+A1:2012	Declared value	NPD*
Bond strength/adhesion-rea. resin adhes.	EN 12004:2007+A1:2012	Declared value	NPD*
Bond strength/adhesion-mortar	EN 12004:2007+A1:2012	Declared value	NPD*
Moisture expansion	ISO 10545-10	Declared value	0,2 mm/m
Light reflectance value LRV	ISO 10545-18	Not required	39
Impact resistance: Coef. of restit.	ISO 10545-5	Declared value	Min. 0,6
Reaction to fire	no testing 96/603 EHS	Class A1-A1FL	Class A1-A1FL
Tactility	CEN/TS 15209	Declare surface description	not relevant
Resistance to staining	ISO 10545-14	Declared value	Min. 3
Resistance to low conc.of acids/alkalis	ISO 10545-13	Declared value	A
Resistance to high conc.of acids/alkalis	ISO 10545-13	Declared value	A
Resist. to house. chem. and swim. pool	ISO 10545-13	Min. B	A
Release of dang.subs.: Cadmium (GL)	ISO 10545-15	Declared value	NPD*
Release of dang.subs.: Lead (GL)	ISO 10545-15	Declared value	NPD*
Surface hardness according to Mohs	EN 101	Declared value	Min. 7
The reference life (RSL)	ISO 14 025/EN 15804	50 years	50 years
Assessment of nat.radionuclide content	CZ Imp.422/2016	Max. index 1,0	Max. index 1,0

* No Performance Determined – NPD