



Technical data sheet

Product: Kaamos floor tiles - nominal size 45x45 cm, rectified

Work size: grey, black 445x445x10 mm

Norm: EN 14411 an. G Bla GL

Parameter	Norm used for LB parameters	Standard requirement EN 14411 an. G Bla GL	LB / RAKO parameters
Length / width	ISO 10545-2	± 0.6%	± 0.2%
Thickness	ISO 10545-2	± 5%	± 0,5 mm
Straightness of casting edges	ISO 10545-2	± 0.5%	± 0.1 %
Rectangularity	ISO 10545-2	± 0.6%	± 0.2 %
Middle surface flatness	ISO 10545-2	± 0.5%	± 0.25 %
Middle edge flatness	ISO 10545-2	± 0.5%	± 0.25 %
Corner flatness	ISO 10545-2	± 0.5%	± 0.25 %
Water absorption	ISO 10545-3	E ≤ 0.5% individual max 0,6%	E ≤ 0.1%
Bending strength	ISO 10545-4	min. 35 MPa individual min. 32 MPa	min. 40MPa
Breaking strength	ISO 10545-4	min. 1300 N	Min. 1500N
Frost resistance	ISO 10545-12	required	resistance
Abrasion resistance	ISO 10545-7	not required	PEI 4
Coefficient of linear thermal expansion	ISO 10545-8	not required	max. $8 \times 10^{-6} K^{-1}$
Thermal shock resistance	ISO 10545-9	not required	resistant
Resistance to low concentrations of acid and alkalis	ISO 10545-13	manufacturer to state classification	min. GLA
Resistance to high concentrations of acid and alkalis	ISO 10545-13	not required	min. GHB
Resistance to house and pools chemicals	ISO 10545-13	min. GB	min. GA
Stain resistance	ISO 10545-14	min. class 3	class 5
Surface quality	ISO 10545-2	Min 95% without visible defects	Min 95% without visible defects
Slip resistance water		-	A
Slip resistance oil	DIN 51 130	-	R10

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