

Technical data sheet

Product: **DAR12720** rectified
 Type of product: **floor tile sintered GL**
 Series: **Extra**
 Surface: **relief**

Nominal size: **10x10 cm**
 Work size: **98x98x10 mm**
 Norm: **EN 14 411:2016,annex G Bla**

Technical characteristics	Norm	EN 14 411:2016 annex G Bla	LB/RAKO
Dimensions and surface quality			
- Length / width	ISO 10545-2	± 0.6%	± 0.4%
- Thickness	ISO 10545-2	± 5%	± 5%
- Straightness	ISO 10545-2	± 0.5%	± 0.25%
- Rectangularity	ISO 10545-2	± 0.6%	± 0.3%
- 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%
Modulus of rupture	ISO 10545-4	Min. 35 N/mm ² Ind.min. 32 N/mm ²	Min. 35 N/mm ² Ind.min. 32 N/mm ²
Breaking strength	ISO 10545-4	Min. 1300 N	Min. 1500 N
Frost resistance	ISO 10545-12	Declared value	Resistant
Abrasion resistance	ISO 10545-7	Declared value	PEI 5
Deep abrasion resistance	ISO 10545-6	Not required	Not tested
Coefficient of linear thermal expansion	ISO 10545-8	Declared value	Max. 0,000008 / K
Impact resistance, as: Coef. of restitution (COR)	ISO 10545-5	Declared value	Min. 0,6
Thermal shock resistance	ISO 10545-9	Required	Resistant
Resistance to acids and alkalis			
- low concentrations	ISO 10545-13	Declared value	GLA
- high concentrations	ISO 10545-13	Declared value	GHB
Resistance to house and pools chemicals	ISO 10545-13	Min. GB	GA
Resistance to staining	ISO 10545-14	Min. 3	Min. 3
Slip resistance	DIN 51 130 DIN 51 097	Declared value	R10 /B
Coefficient of friction	CEN/TS 16165	Declared value	> 0,3
Lead release	ISO 10545-15	Declared value	Pb max. 0,80 mg/dm ²
Cadmium release	ISO 10545-15	Declared value	Cd max. 0,07 mg/dm ²
Surface hardness according to Mohs	EN 101	Declared value	Min. 7