

Dry pressed ceramic tiles
with low water absorption $\leq 0,5\%$, unglazed
Group Bla DIN EN 14411:2016, Annex G (UGL)
for interior and exterior pavements



Made in Germany
 Tiles are 100% recyclable.
 The product emits no VOC.
 Recycling within the production 15%, ratio of purchased recycled raw materials 6%.
 Proved in German, French and English testing laboratories, audited by AKQR and CSTB.
 Certified according to DIN EN ISO 9001: 2015
 Made mostly of local raw materials. Low impact on environment during transport. Transfer distance of raw materials 200 km.

TECHNICAL DATASHEET

	Characteristics	Reference	Requirement EN 14411:2016	Value	Note
	A Dimensions and surface quality	EN 10545-2			N \geq 15 mm
	A.1 Length and width		$\pm 0,6 \%$	$\pm 0,3 \%$	
	A.2 Thickness		$\pm 5 \%$	$\pm 2,5 \%$	
	A.3 Straightness of sides		$\pm 0,5 \%$	$\pm 0,25 \%$	
	A.4 Rectangularity		$\pm 0,5 \%$	$\pm 0,25 \%$	
	A.5 Surface flatness		$\pm 0,5 \%$	$\pm 0,25 \%$	diagonally
	A.6 Surface quality		95%	95%	
	B.1 Water absorption	EN 10545-3	max. 0,5%	max. 0,5%	
	B.2 Breaking strength	EN 10545-4	min. 1300 N	2500 N 5000 N 7500 N	11 mm thickness 15 mm thickness 18 mm thickness
	B.3 Modulus of rupture	EN 10545-4	* min. 35 N/mm ²	min. 35 N/mm ²	*when B.2 < 3000 N
	B.4 Resistance to deep abrasion	EN 10545-6	max. 175 mm ³	max. 175 mm ³	
	B.5 Coefficient of linear thermal expansion	EN 10545-8	-	6,57.10 ⁻⁶ /°C	
	B.6 Thermal shock resistance	EN 10545-9	passed	passed	
	B.8 Frost resistance	EN 10545-12	passed	passed	
	B.9 Slipperiness	DIN 51130	*	R 11	*according to use
	B.11 Moisture expansion	EN 10545-10	-	max.0,05 %	
	B.12 Small colour differences	EN 10545-16	xxxxx	xxxxx	
	B.13 Impact resistance	EN 10545-5	xxxxx	0,83	
	B.14 Reaction to fire	CWT	A1 _{FL}	A1 _{FL}	
	B.15 Tactility	GENT/S 15209	xxxxx	xxxxx	
	C.1 Resistance to staining	EN 10545-14		Minimum class 3	(sealed)
	C.2 Resistance to chemicals	EN 10545-13	Minimum class B	Minimum class B	except HF and its compounds
	C.3 Release of dangerous substances	EN 10545-15	xxxxx	xxxxx	

xxxxx for tiles intended to be used for this purpose