















technical features **Porcelain Tiles Basic Data**

Classification in accordance with EN14411 ISO 13006 annex G standards B1A with E<0.5%UGL

Average values for the last two years of production

	Technical characteristic	Standard	Value
	Size	ISO 10545-2	Conforms
	Water absorption %	ISO 10545-3	< 0.1%
	Bending strength	ISO 10545-4	N/A to tiles breaking strength >3000N
	Breaking strength	Spess Thkn 20m	> 10000N
	Deep scratch resistance	ISO 10545-6	< 145mm ³
	Thermal linear expansion coefficient	ISO 10545-8	~ 6.5 (10 ⁻⁶ °C ⁻¹)
	Thermal shock resistance	ISO 10545-9	Resistant
	Expansion in humidity	ISO 10545-10	< 0.1mm / m
	Frost resistance	ISO 10545-12	Resistant
	Resistance to chemical attack*	ISO 10545-13	Resistant
	Static load	EN12825	Centre - >8.0kN Side Centre - >5.5kN Diagonal - >8.0kN
	Breaking load class	EN1399	U14
	Resistance to stains	ISO 10545-14	Cleanable
	Slip resistance test	DIN 51130-51097	R11 A+B