



























07 Technical characteristics

Porcelain stoneware slabs - Gruppe Bia UGL (UNI EN 14411_G)

	Established limits	Fondovalle values	Norms	
	Length and width	± 0,6%	UNI EN ISO 10545-2	
	Thickness	± 5%		
	Edge straightness	± 0,5%		
	Orthogonalité	± 0,6%		
	Planéité	± 0,5%		
	Surface quality	≥ 95%		
	Water Absorption	≤ 0,5%	≤ 0,1%	UNI EN ISO 10545-3
	Bending strength	Modulus of rupture ≥ 35 N/mm ²	≥ 50 N/mm ²	UNI EN ISO 10545-4
	Frost resistance	Resistant	Frost proof	UNI EN ISO 10545-12
	Resistance to thermal shock	Resistant	Resistant	UNI EN ISO 10545-9
	Deep abrasion resistance	≤ 175 mm ³	≤ 145 mm ³	UNI EN ISO 10545-6
	Colour resistance to light exposure	Resistant	Resistant	DIN 51094
	Skid resistance	From R9 to R13	See collection	DIN 51130
	Skid resistance	From A to C	See collection	DIN 51097
	Skid resistance_D-COF	> 0,42	See collection	ANSI A 137.1:2012
	Chemical resistance	UB minimum	UA; ULA; UHA (natural) UA; ULB; UHB (glossy - matt)	UNI EN ISO 10545-13
	Stain resistance	Class 3 minimum	Class 4-5	UNI EN ISO 10545-14
	Fire resistance		A1 - A1FL	96/603/CE

Porcelain stoneware slabs - **Gruppe Bla GL** (UNI EN 14411_G)

		Established limits	Fondovalle values	Norms
	Length and width	± 0,6%	± 0,6 mm	UNI EN ISO 10545-2
	Thickness	± 5%	± 3%	
	Edge straightness	± 0,5%	± 0,6 mm	
	Orthogonalité	± 0,6%	± 2 mm	
	Planéité	± 0,5%	± 0,5%	
	Surface quality	≥ 95%	Compliant	
	Water Absorption	≤ 0,5%	≤ 0,1%	UNI EN ISO 10545-3
	Bending strength	Modulus of rupture ≥ 35 N/mm ²	≥ 50 N/mm ²	UNI EN ISO 10545-4
	Frost resistance	Resistant	Frost proof	UNI EN ISO 10545-12
	Resistance to thermal shock	Resistant	Resistant	UNI EN ISO 10545-9
	Deep abrasion resistance	1 - 5	Compliant	UNI EN ISO 10545-7
	Colour resistance to light exposure	Resistant	Resistant	DIN 51094
	Skid resistance	Da R9 a R13	See collection	DIN 51130
	Skid resistance	Da A a C	See collection	DIN 51097
	Skid resistance_D-COF	> 0,42	See collection	ANSI A 137.1:2012
	Chemical resistance	UB minimum	GA; GLA; GHA (natural) GA; GLB; GHB (glossy - matt)	UNI EN ISO 10545-13
	Stain resistance	Class 3 minimum	Class 4-5	UNI EN ISO 10545-14
	Fire resistance		A1 - A1FL	96/603/CE