



Product Data Sheet		Group BI _a - Annex G EN14411:2016	 	
Intended use of the material: Floor and wall tiles for interior				
Type of material: Glazed porcelain tiles, dry pressed, format: 30x60 Rett (W= 296x595x10 mm); 60x60 Rett (W= 595x595x10 mm); 60x120 (595x1192x10 mm); 45x90 Rett (W= 445x900x10 mm); 90x90 Rett (W= 900x900x10); 75x150 (W= 749x1500x10 mm).				
Series Name: Open Air				
Kind of test		Referring standard	Standard value	
Dimensions	Length and width tolerances	UNI EN ISO 10545-2	± 0,6%; ± 2,0 mm	
	Thickness tolerances		± 5%; ± 0,5 mm	
	Tolerance straightness of the sides		± 0,5%; ± 1,5 mm	
	Squareness and flatness tolerances		± 0,5%; ± 2,0 mm	
Physical Properties	Determination of water absorption	UNI EN ISO 10545-3	≤ 0,5%	
	Determination of braking strength	UNI EN ISO 10545-4	≥ 1300 N	
	Determination of modulus of rupture	UNI EN ISO 10545-4	≥ 35 N/mm ²	
	Determination of resistance to surface abrasion glazed tile	UNI EN ISO 10545-7	Classification: PEI IV	
	Thermal Shock resistance	UNI EN ISO 10545-9	resistant	
	Determination of frost resistance	UNI EN ISO 10545-12	resistant	
	Determination of scratch hardness Mohs scale	Mohs - EN101	Scratch Mohs: 9	
	Determination of slip resistance			
	Determination of dynamic coefficient of friction (DCOF)	BOT 3000 (ANSI A 137.1:2012)	≥ 0,42	
	Determination of the property antislip of bathed zones on which it walks knots on foot	DIN 51097 (a/b/c)	Slide angle: Classification: B	
	Determination of anti-slippery characteristic (work's zone with high risk of slippery)	DIN 51130	Slide angle: Classification: R10	
	Determination of static coefficient of friction	ASTM C1028	Dry Neolite: / Wet Neolite: /	
	Determination of resistance to stains			
Stains having tracing action (pastes) <i>Green staining agent in light oil</i>	UNI EN ISO 10545- 14	Classification: 5		
Stains having chemical/oxidizing action <i>Lodine/alcohol solution, 13 g/l</i>		Classification: 5		
Stains having filming action <i>Olive oil</i>		Classification: 5		
Determination of chemical resistance				
Household chemicals <i>(ammonium chloride)</i>	UNI EN ISO 10545- 13	Classification: GA		
Swimming pool salts <i>(sodium hyupochlorite)</i>		Classification: GA		
Determination of resistance acids and alkaline				
Citricacid	UNI EN ISO 10545- 13	Classification: GLA		
Hydrochloric acid		Classification: GLA		
Potassium hydroxide		Classification: GLA		
The values in the table refer to the tests performed on color Sand				