

Date: 10/10/2019

Intended use of the material:
 floor and wall tiles for interior

 Group BIa GL - Annex G
 EN 14411:2016

Type of material: glazed porcelain tiles, dry pressed, format 20,3 x 20,3 cm (W = 203 x 203 x 9 mm)

 Series Name: **STUDIO 20,3 x 20,3 cm**

 Article: **HAMPTONS, KOS, OSLO, PERSIA, RIO**

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	Water absorption E _b	UNI EN ISO 10545-3	≤ 0,5 %
	Determination of breaking strength	UNI EN ISO 10545-4	≥ 1300 N
	Determination of modulus of rupture	UNI EN ISO 10545-4	≥ 35 N/mm ²
	Determination of surface abrasion	UNI EN ISO 10545-7	RIO, PERSIA: PEI 4 HAMPTONS, KOS, OSLO: PEI 5
	Thermal Shock resistance	UNI EN ISO 10545-9	resistant
	Crazing resistance	UNI EN ISO 10545-11	resistant
	Frost resistance	UNI EN ISO 10545-12	resistant
	Determination of slip resistance	DIN 51130	R10
Chemical Resistance	Stain resistance - class	UNI EN ISO 10545-14	5
	Resistance to low concentrations of acids and alkalis	UNI EN ISO 10545-13	LA
	Resistance to high concentrations of acids and alkalis		HB
	Resistance to household chemicals and swimming pool salts		A