

Date: 20/08/2020 **Intended use of the material:**
 floor and wall tiles for interior and exterior use Group BIa UGL - Annex G
 UNI EN 14411:2016

Type of material: unglazed porcelain tiles, dry pressed, rectified, format:
 20 x119,5 cm (W = 197 x 1192 x 10 mm)

Series Name: **HAVANA**

Article: **ROSSO / TORTORA / BEIGE**

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 resistance of deep abrasion	UNI EN ISO 10545-6	150 mm ³
	Thermal Shock resistance	UNI EN ISO 10545-9	resistant
	Frost resistance	UNI EN ISO 10545-12	resistant
	Determination of slip resistance	DIN 51130	R10
DIN 51097		B(A+B)	
Chemical Resistance	Stain resistance -class	UNI EN ISO 10545-14	≥ 4
	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