

EN 14411 standarts - Appendix G - Dry-pressed tiles with low water absorption Group Bia UGL.

	TECNICAL FEATURE	STANDARD METHOD	REFERENCES VALUES	STILES VALUES
DIMENSIONS AND QUALITY OF SURFACE	Length and Width: Acceptable deviation(%) of the average size of every tile from the manufacturing size.	UNI EN ISO 10545-2	± 0,5%	± 0,4%
	Thickness		± 5%	± 4%
	Straightness of the Edges		± 0,5%	± 0,4%
	Squareness		± 0,6%	± 0,5%
	Flatness		± 0,5%	± 0,4%
	Quality of the Surface		The 95% minimum of the samole tiles must be free of visible defects	Compliant
PHYSICAL PROPERTIES	Water Absorption	UNI EN ISO 10545-3	$E \leq 0,5\% \text{ Bia}$	< 0,5
	Breaking Load Bending Streng Ht (R)	UNI EN ISO 10545-4	Min 1300 N $R \geq 35 \text{ N/mm}^2$	> 1300 N > 35 N/mm ²
	Frost Resistance	UNI EN ISO 10545-12	Required	Compliant
	Resistance To Deep Abrasion	UNI EN ISO 10545-7	$V \leq 175 \text{ mm}^3$	< 175 mm ³
CHEMICAL PROPERTIES	Chemical Resistance: To chemical products for household. Use, to high and low acid and basic concentrations	UNI EN ISO 10545-13	As indicated by manufacturer	ULA UHA UA
	Stain Resistance	UNI EN ISO 10545-14	Class 3 min.	5
	Slip Resistance	DIN 51130		R9