

TECHNICAL DATA

MANUFACTURER	CERAMICA COLLI DI SASSUOLO SPA
PRODUCT NAME SIZE AND MODEL	ABACO Porcelain tiles
TEST RESULTS	The tested items comply with the requirements of the standard CLASS EN 14411 • ISO 13006 Bia UGL

ITEMS TESTED		TEST METHOD	REQUIRED STANDARD	RESULTS
Dimensions Length and width		EN ISO 10545-2	0,6 % (MAX ± 2 mm)	CONFORM
Straightness of sides		EN ISO 10545-2	$\pm 0,5$ % (MAX $\pm 1,5$ mm)	CONFORM
Rectangularity		EN ISO 10545-2	$\pm 0,5$ % (MAX ± 2 mm)	CONFORM
Flatness appearance		EN ISO 10545-2	$\pm 0,5$ % (MAX ± 2 mm)	CONFORM
Thickness		EN ISO 10545-2	10mm ± 5 % (MAX $\pm 0,5$ mm)	CONFORM
Water absorption		EN ISO 10545-3	$\leq 0,5$ %	CONFORM
Breaking strength		EN ISO 10545-4	≥ 1300 SE SPESS $\geq 7,5$ mm ≥ 700 SE SPESS $< 7,5$ mm	CONFORM
Modulus of rupture		EN ISO 10545-4	≥ 35 N/mm ²	CONFORM
Resistance to deep abrasion		EN ISO 10545-6	≥ 175 mm ³	CONFORM

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Linear coefficient of thermal expansion		EN ISO 10545-8	$10^{-6}/^{\circ}\text{C}$	a= 6,B
Thermal shock resistance		EN ISO 10545-9	—	RESIST
Resistance to chemicals		EN ISO 10545-13	MIN US	UA
Resistance to weak acid bases concentration		EN ISO 10545-13	—	ULA
Frost Resistance		EN ISO 10545-12	—	RESIST
Color variation		DIN 51094	V3	STABLE