



Hargrave Porcelain Range

Range of travertine effect porcelain tile in 2 colours, this range is also available in a 10mm porcelain.
Beautiful and Timeless.

SIZES

1200 x 400 x 20mm rectified grip

COLOURS

Cream



Ivory



SIZE	BOX			PALLET		
	TILE	M2	KG	TILE	M2	KG
1200 X 600 X 20MM	1	0.72	32.5	36	25.92	1170

TECHNICAL DETAILS

TECHNICAL FEATURES	TEST METHOD	REQUIRED VALUES	AVERAGE VALUES
WATER ABSORPTION	ISO 10545-3	≤ 0,5%	0,05%
BREAKING STRENGTH	ISO 10545-4	≥ 1300 N	2.200 N 9,5 mm 13.600 N 20 mm
MODULUS OF RUPTURE	ISO 10545-4	≥ 35 N/mm2	50 N/mm2
DEEP ABRASION RESISTANCE	ISO 10545-6	≤ 175 mm3	145 mm3
LINEAR THERMAL EXPANSION	ISO 10545-8	No provision	$\alpha \leq 7 \times 10^{-6} \text{ }^{\circ}\text{C}^{-1}$
STAIN RESISTANCE	ISO 10545-14	Classe / Class 3 Min.	5 RESISTANT
CHEMICAL RESISTANCE	ISO 10545-13	As indicated by manufacturer	LA-HA RESISTANT
FROST RESISTANCE	ISO 10545-12	No alteration	RESISTANT
SLIP RESISTANCE	BS 7976-2		PTV 36+ wet (Sl. 96 - Sl. 55) Grip - Exterior
LENGTH & WIDTH *	ISO 13006		+/-0.6%

TECHNICAL DETAILS

TECHNICAL FEATURES	TEST METHOD	REQUIRED VALUES	AVERAGE VALUES
STRAIGHTNESS OF SIDES	ISO 13006		+ -0.5%
RECTANGULARITY	ISO 13006		+ -0.6%
WARPAGE	ISO 13006		+ -0.5%
THICKNESS	ISO 13006		+ -5%
SHADE VARIATION	ANSI A137.1	As indicated by manufacturer	V3 Variazioni moderate / Moderate variations Drift - Wind V4 Variazioni sostanziali / Substantial variations Beam - Warmth - Rustic - Dark
FIRE REACTION	EN 13823 EN 9239-1	CPR (UE) 305/2011, 2000/147/CE, UNI EN 13501-1	Class A1 (wall) Class A1fl (floor)
THERMAL CONDUCTIVITY	EN 12524	-	$\lambda = 1,3 \text{ W/m } ^\circ\text{K} / 0.7 \text{ BTU/ft h } ^\circ\text{F}$
RECOMMENDED MINIMUM JOINT INTERIOR/EXTERIOR		RECT (Interior) Outdoor	2mm 5-6mm circa/approx