

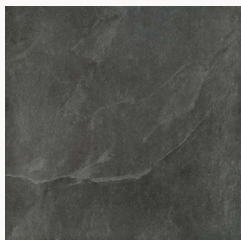


Telio Porcelain Range

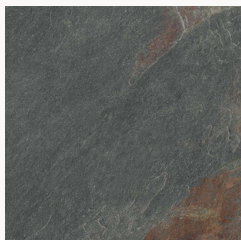
Beautiful range of slate-effect porcelain tiles, suitable for interiors and exteriors. From inside to out tiles, in a 10mm and 20mm thickness.

SIZES
1200 x 600 x 20mm rectified grip 600 x 600 x 20mm rectified grip

SMOKE



BURNT



DUST



FUME



SAND



SIZE	BOX			PALLET		
	TILE	M2	KG	TILE	M2	KG
1200 x 600 x 20mm	1	0.72	32.5	36	25.92	1170
600 x 600 x 20mm	2	0.72	32.5	32	23.04	1040

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	Thick. 9 mm: 1800 N Thick. 20 mm: 13600 N
MODULUS OF RUPTURE	ISO 10545-4	≥ 35 N/mm ²	50 N/mm ²
DEEP ABRASION RESISTANCE	ISO 10545-6	≤ 175 mm ³	145 mm ³
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 7976:2002	-	PTV 36+ wet (Sl. 96 - Sl. 55) Grip - Exterior
LENGTH & WIDTH	ISO 10545-2	± 0,3 %, max ± 1 mm	Compliant
STRAIGHTNESS OF SIDES	ISO 10545-2	± 0,3 %, max ± 0,8 mm	Compliant
RECTANGULARITY	ISO 10545-2	± 0,3 %, max ± 1,5 mm	Compliant
WARPAGE	ISO 10545-2	± 0,4 %, max ± 1,8 mm	Compliant
THICKNESS	ISO 10545-2	± 5 % ± 0,5mm	Compliant

Technical Details

TECHNICAL FEATURES		TEST METHOD	REQUIRED VALUES	AVERAGE VALUES
SHADE VARIATION		ANSI A137.1	As indicated by manufacturer	V2 NAT / STRUTT (SAND, FUME, DUST, SMOKE) V3 NATURAL/G RIP(BURNT)
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	-	$\lambda = 1,3 \text{ W/m } ^\circ\text{K}$
RECOMMENDED MINIMUM JOINT (**)			RECT (Interior) Outdoor	2mm (RECT) 5-6mm circa/approx

(*) Excluding hydrofluoric acid and its derivatives. (**) The width of grout joints must be established by the installation supervisor, unless grout widths are regulated by national laying standards.