

Ardesia

SPECIFICATION

MATERIAL

Porcelain stoneware - Classified in GrOUP Bla UGL con ev ≤ 0,5%.

Complies with all the requirements of UNI EN 14411 ISO 13006 APP. G standards.



Download
Catalog

COLORS			SIZES	THICKNESS
	Bianco	V3	<u>SUPREME MATTE RECTIFIED (6 mm)</u> 120x280 (47 ^{1/4} "x110 ^{1/4} "	6 mm
	Beige	V3	<u>STRIDE UP/REAL UP MATTE RECTIFIED (9 mm)</u> 120x120 (47 ^{1/4} "x47 ^{1/4} " 120x60 (47 ^{1/4} "x23 ^{1/2} " 80x160 (62 ^{7/8} "x31 ^{1/2} " 80x80 (31 ^{1/2} "x31 ^{1/2} " 60x60 (23 ^{1/2} "x23 ^{1/2} " 60x30 (23 ^{1/2} "x11 ^{7/8} "	
	Taupe	V3	<u>LINEA RECTIFIED (9 mm)</u> 60x120 (47 ^{1/4} "x23 ^{1/2} "	
	Grey	V3	<u>ANTISLIP RECTIFIED (9 mm)</u> 60x120 (47 ^{1/4} "x23 ^{1/2} "	
	Grafite	V3	<u>ANTISLIP NOT RECTIFIED (9 mm)</u> 30x60 (23 ^{1/2} "x11 ^{7/8} "	
			<u>DEHORS ANTISLIP RECTIFIED (20 mm)</u> 120x60 (47 ^{1/4} "x23 ^{1/2} " 60x60 (23 ^{1/2} "x23 ^{1/2} "	20 mm

PROCESS certified according to the ISO 9001 quality standard

Product obtained from exceptionally pure, choice quality raw materials, including light-coloured clays, feldspar fluxes, kaolins, sands and coloured ceramic pigments. Pressing in hydraulic presses allows a pressure of over 500kg/cm² to be applied to the product, guaranteeing dimensional precision, planarity and high mechanical strength. The product's colours and patterns are achieved with the innovative Digital Technology. The materials are fired in single-layer roller kilns at temperatures of over 1,220°C.

GREEN BUILDING: CERTIFIED ENVIRONMENTAL SUSTAINABILITY

The tiles in the Ardesia collection are ideal for eco-sustainable building:

- They are produced in plants which have an EMAS-ISO 14001 certified environmental management system.
- They help to obtain credits for the construction of buildings in accordance with the LEED certification programme.

Size _____

Finishes _____

Colors _____ Type _____



放射性水平A类



EN 14411





Ardesia



FLOORS



WALLS



FACING SYSTEMS



RESIDENTIAL INDOOR



RESIDENTIAL OUTDOOR



PUBLIC INDOOR



PUBLIC OUTDOOR



HEAVY TRAFFIC

TECHNICAL TABLE PORCELAIN STONEWARE

Conforming to standards **EN 14411 ISO 13006 APPENDIX G GROUP BIa UGL con Ev ≤ 0,5%**

PHYSICAL PROPERTIES		TESTING METHOD	REFERENCE STANDARD			PRODUCT VALUES
	Sizes	EN ISO 10545-2		7cm ≤ N < 15 cm (mm)	N ≥ 15 cm (%) (mm)	Rectified
			Length and width	±0.9	±0.6 ±2.0	±0.2 %
			Thickness	±0.5	±5.0 ±0.5	±5 %
			Linearity	±0.75	±0.5 ±1.5	±0.2 %
			Wedging	±0.75	±0.5 ±2.0	±0.2 %
			Warpage	±0.75	±0.5 ±2.0	±0.2 %
			Appearance: percentage of acceptable tiles, per lot	95 % min.	95 % min.	-
	Water absorption %	EN ISO 10545-3	Ev ≤ 0,5%			< 0,1 %
	Modulus of rupture	EN ISO 10545-4	Average value 35 N/mm ² min.			45 N/mm ²
	Breakage resistance		sp. > = 7,5 mm: min 1300 N sp. < 7,5 mm: min 700 N			2300 N (9 mm) - 1350 N (6 mm) 12500 N (20 mm)
	Scratch resistance	EN ISO 10545-6	175 mm ³ max.			Average < 150 mm ³
	Thermal expansion coefficient	EN ISO 10545-8	Declared Value			6,8 MK-1
	Thermal shock resistance	EN ISO 10545-9	Test passed according to ISO 10545-1			* Resistant
	Frost resistance	EN ISO 10545-12	Test passed according to ISO 10545-1			* Resistant
	Resistance to low concentration of acids and alkali		Declared Value			* Resistant
	Resistance to high concentration of acids and alkali	EN ISO 10545-13	Declared Value			* Resistant
	Resistance to domestic chemicals and additives for swimming pools		UB min.			UA
	Stain resistance of unglazed matte porcelain	EN ISO 10545-14	Declared Value			* Resistant
	Friction coefficient (slipperiness)	EN 16165	Annex A			Declared Value
			Annex B			Declared Value
		B.C.R.A. - D.M.236/ 89	If needed			> 0,40 Dry / > 0,40 Wet
		ANSI A326.3	If needed			≥ 0,42 Wet

