



## SQUARE SPECIFICATION PORCELAIN STONEWARE

### MATERIAL

Porcelain stoneware.

Classified in GROUP BIa UGL CON Ev ≤ 0,5%.

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

A sophisticated range of colors combined with a rich assortment of sizes. The result is Square, the collection that can inspire a wide variety of home design ideas and provide unique, welcoming visual impact. The 60x120 floor and 20x120 wall tiles bring character to home design and multiply the compositional options. The visual continuity skilfully blends natural and honed surfaces: the large size underlines the most innovative interior design trends.

COLOR			SIZES	SURFACE	THICKNESS
	DOWNTOWN	V2	<b>MATTE RECTIFIED</b> 80x80 (32"x32") . 60x120 (23 <sup>5/8</sup> "x48") . 20x120 (8"x48") . 60x60 (23 <sup>5/8</sup> "x23 <sup>5/8</sup> ") . 30x60 (11 <sup>7/8</sup> "x23 <sup>5/8</sup> ") . 20x60 (8"x23 <sup>5/8</sup> ") . 10x60 (4"x23 <sup>5/8</sup> ")	<b>MATTE</b>  <b>SEMI POLISHED</b>  <b>ANTISLIP (20 MM)</b>	<b>9 MM</b>  <b>20 MM</b>
	AVENUE	V2			
	STREET	V2			
	WAY	V2			
	DISTRICT	V2			
	CROSSING	V2			
			<b>SEMI POLISHED RECTIFIED</b> 60x60 (23 <sup>5/8</sup> "x23 <sup>5/8</sup> ") . 20x60 (8"x23 <sup>5/8</sup> ") . 10x60 (4"x23 <sup>5/8</sup> ")		
			<b>ANTISLIP RECTIFIED (20 MM)</b> 60x60 (23 <sup>5/8</sup> "x23 <sup>5/8</sup> ") (only STREET, WAY, DISTRICT)		

### 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/cm<sup>2</sup> 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 Square 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 .....

Color ..... Type .....



放射性水平 A



EMAS  
GESTIONE AMBIENTALE  
VERIFICATA  
N. Registro IF-000008



ISO 14001  
BUREAU VERITAS  
Certification



ISO 45001  
BUREAU VERITAS  
Certification



ISO 9001  
BUREAU VERITAS  
Certification



## SQUARE



FLOOR



WALL



FACING SYSTEMS



RESIDENTIAL INDOOR



RESIDENTIAL OUTDOOR



PUBLIC INDOOR



PUBLIC OUTDOOR



HEAVY TRAFFIC

### TECHNICAL TABLE PORCELAIN STONEWARE

CONFORMING TO STANDARDS

EN 14411 ISO 13006 ANNEX G GROUP BIa UGL CON Ev ≤ 0,5%

PHYSICAL PROPERTIES	TESTING METHOD	REFERENCE STANDARD	PRODUCT VALUES		
			7cm ≤ N < 15 cm (mm)	N ≥ 15 cm (%) (mm)	
Sizes	EN ISO 10545-2		Length and width	±0.9	±0.6 ±2.0
			Thickness	±0.5	±5.0 ±0.5
			Linearity	±0.75	±0.5 ±1.5
			Wedging	±0.75	±0.5 ±2.0
			Warpage	±0.75	±0.5 ±2.0
			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	Valore medio 35 N/mm <sup>2</sup> min.	45 N/mm <sup>2</sup>		
Breakage resistance		sp. > = 7,5 mm: min 1300 N sp. < 7,5 mm: min 700 N	2500 N (9 mm)		
Scratch resistance	EN ISO 10545-6	175 mm3 max.	Average < 150 mm3		
Thermal expansion coefficient	EN ISO 10545-8	Declared value	6,8 MK <sup>-1</sup>		
Thermal shock resistance	EN ISO 10545-9	Pass according to iso 10545-1	* Resistant		
Frost resistance	EN ISO 10545-12	Pass according to iso 10545-1	* Resistant		
Resistance to low concentrations of acids and alkali	EN ISO 10545-13	Declared value	* Resistant		
Resistance to high concentrations of acids and alkali		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)	DIN 51130	If needed	Declared value		
	DIN 51097		Declared value		
	B.C.R.A. - D.M.236/ 89		> 0,40 Dry / > 0,40 Wet		
	ANSI A326.3		≥ 0,42 Wet		



Assessed by Ongreening, this product can potentially contribute to major green rating systems. For more info visit [Ongreening.com](http://Ongreening.com)

