

I Cementi

SPECIFICATION

Material

Porcelain stoneware. Classified in GROUP BIa UGL con $E_v \leq 0,5\%$.
Complies with all the requirements of UNI EN 14411 ISO 13006 APP. G standards.



Download
Catalog

	COLOR		SIZES & SURFACES	THICKNESS
	White	V2		
	White Ciottolo	V2		
	Beige	V2		
	Flax	V2	Mega Matte Rectified (6 mm) 120x280	
	Flax Ciottolo	V2	REALUP/STRIDEUP - Matte Rectified (9 mm) 120x120 . 60x120 . 80x80 . 60x60 . 30x60	6 mm
	Taupe	V2	Antislip Rectified (9 mm) 60x120	9 mm
	Greige	V2	Open Antislip Rectified (20 mm) 80x80 . 60x60	20 mm
	Greige Ciottolo	V2		
	Grey	V2		
	Dark	V2		

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 I Cementi 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 _____

I Cementi

SPECIFICATION



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 B1a 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	Valore medio 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) 12500 N (20 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 ⁻¹		
 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		Declared value	* Resistant		
 Resistance to high concentrations 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		



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

