

Silver Grain + Ceppo di Gré



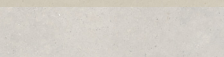
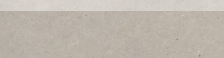
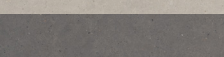

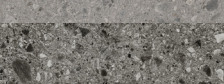
SPECIFICATION

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
	Silver Grain White V2	<u>Mega Matte Rectified (6 mm)</u> 120x280 (47 ^{1/4} "x110 ^{1/4} "	6 mm 9 mm 20 mm
	Silver Grain Beige V2	<u>Matte Rectified (9 mm)</u> 120x120 (47 ^{1/4} "x47 ^{1/4} " . 60x120 (23 ^{1/2} "x47 ^{1/4} "	
	Silver Grain Grey V2	80x80 (31 ^{1/2} "x31 ^{1/2} " . 60x60 (23 ^{1/2} "x23 ^{1/2} " 30x60 (11 ^{7/8} "x23 ^{1/2} "	
	Silver Grain Taupe V2	<u>Antislip Rectified (9 mm)</u> 60x120 (23 ^{1/2} "x47 ^{1/4} " . 60x60 (23 ^{1/2} "x23 ^{1/2} "	
	Silver Grain Dark V2	<u>Area Plus (9 mm)</u> 60x120 (23 ^{1/2} "x47 ^{1/4} "	
	Ceppo di Gré Grey V2	<u>Open Antislip Rectified (20 mm)</u> 60x120 (23 ^{1/2} "x47 ^{1/4} " . 80x80 (31 ^{1/2} "x31 ^{1/2} "	
	Ceppo di Gré Dark V2	60x60 (23 ^{1/2} "x23 ^{1/2} "	

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 Silver Grain+Ceppo di Gré 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类



EN 14411



Silver Grain + Ceppo di Gré

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 BIa UGL CON Ev ≤ 0,5%

PHYSICAL PROPERTIES	TESTING METHOD	REFERENCE STANDARD	PRODUCT VALUES																												
 Sizes	EN ISO 10545-2		<table border="1"> <thead> <tr> <th></th> <th>7cm ≤ N < 15 cm (mm)</th> <th>N ≥ 15 cm (%) (mm)</th> <th>Rectified</th> </tr> </thead> <tbody> <tr> <td>Length and width</td> <td>±0.9</td> <td>±0.6 ±2.0</td> <td>±0.2 %</td> </tr> <tr> <td>Thickness</td> <td>±0.5</td> <td>±5.0 ±0.5</td> <td>±5 %</td> </tr> <tr> <td>Linearity</td> <td>±0.75</td> <td>±0.5 ±1.5</td> <td>±0.2 %</td> </tr> <tr> <td>Wedging</td> <td>±0.75</td> <td>±0.5 ±2.0</td> <td>±0.2 %</td> </tr> <tr> <td>Warpage</td> <td>±0.75</td> <td>±0.5 ±2.0</td> <td>±0.2 %</td> </tr> <tr> <td>Appearance: percentage of acceptable tiles, per lot</td> <td>95 % min.</td> <td>95 % min.</td> <td>-</td> </tr> </tbody> </table>		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.	-
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 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 contributes to major green rating systems.
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