

# Magnetica

## SPECIFICATION


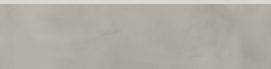
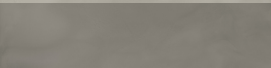
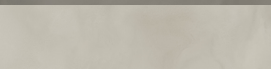
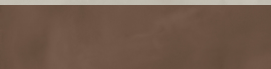
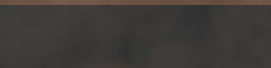
### MATERIAL

Porcelain stoneware - Classified in GrOUP BIa UGL con  $ev \leq 0,5\%$ .

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



Download  
Catalog

COLORS		SIZES	THICKNESS
	Brill V2	<p><u>SUPREME MATTE RECTIFIED (6 mm)</u> 120x280 (47<sup>1/4</sup>"x110<sup>1/4</sup>" )</p> <p><u>MATTE RECTIFIED (9 mm)</u> 160x80 (62<sup>7/8</sup>"x31<sup>1/2</sup>" )   120x120 (47<sup>1/4</sup>"x47<sup>1/4</sup>" )   80x80 (31<sup>1/2</sup>"x31<sup>1/2</sup>" )   120x60 (47<sup>1/4</sup>"x23<sup>1/2</sup>" )   60x60 (23<sup>1/2</sup>"x23<sup>1/2</sup>" )   60x30 (23<sup>1/2</sup>"x11<sup>7/8</sup>" )</p> <p><u>GRID RECTIFIED (9 mm)</u> 60x120 (47<sup>1/4</sup>"x23<sup>1/2</sup>" )</p>	6 mm
	Cool V2		
	Appeal V2		9 mm
	Charm V2		
	Magic V2		
	Mystique 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/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 Magnetica 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



# Magnetica



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 B1a 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 &lt; 15 cm (mm)</th> <th colspan="2">N ≥ 15 cm (%) (mm)</th> </tr> </thead> <tbody> <tr> <td>Length and width</td> <td>±0.9</td> <td>±0.6</td> <td>±2.0</td> </tr> <tr> <td>Thickness</td> <td>±0.5</td> <td>±5.0</td> <td>±0.5</td> </tr> <tr> <td>Linearity</td> <td>±0.75</td> <td>±0.5</td> <td>±1.5</td> </tr> <tr> <td>Wedging</td> <td>±0.75</td> <td>±0.5</td> <td>±2.0</td> </tr> <tr> <td>Warpage</td> <td>±0.75</td> <td>±0.5</td> <td>±2.0</td> </tr> </tbody> </table>		7cm ≤ N < 15 cm (mm)	N ≥ 15 cm (%) (mm)		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	Rectified
			7cm ≤ N < 15 cm (mm)	N ≥ 15 cm (%) (mm)																								
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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  Breakage resistance	EN ISO 10545-4	Average value 35 N/mm <sup>2</sup> min. sp. > = 7,5 mm: min 1300 N sp. < 7,5 mm: min 700 N	45 N/mm <sup>2</sup> 2300 N (9 mm)																									
 Scratch resistance	EN ISO 10545-6	175 mm <sup>3</sup> max.	Average < 150 mm <sup>3</sup>																									
 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)	DIN 51130	Annex A	Declared Value																									
	DIN 51097	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.  
 For more info visit [Ongreening.com](http://Ongreening.com)

