

# Concrete

## SPECIFICATION

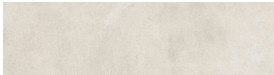
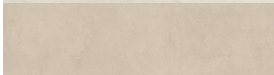
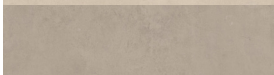
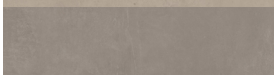
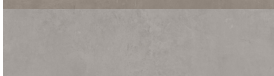
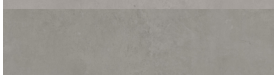
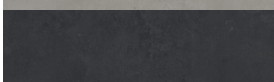
### MATERIAL

Porcelain stoneware - Classified in Group Bla 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
	White	V2	6 mm
	Cream	V2	
	Clay	V2	
	Land	V2	9 mm
	Grey	V2	20 mm
	Smoke	V2	
	Dark	V2	

SUPREME MATTE RECTIFIED (6 mm)  
120x280 (47<sup>1/4</sup>"x110<sup>1/4</sup>" )

REALUP+STRIDE UP MATTE RECTIFIED (9 mm)  
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>" ) |  
30x60 (11<sup>7/8</sup>"x23<sup>1/2</sup>" )

DEHORS ANTISLIP RECTIFIED (20 mm)  
120x60 (47<sup>1/4</sup>"x23<sup>1/2</sup>" ) | 60x60 (23<sup>1/2</sup>"x23<sup>1/2</sup>" )

### 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 Concrete 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



## Concrete



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 B** **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 <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			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

