


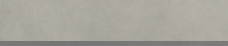
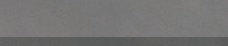
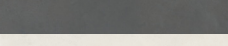
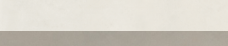
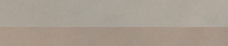
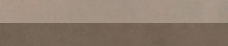

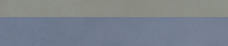
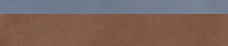
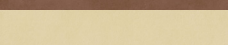
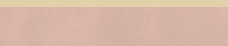
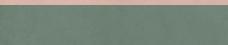

Nuances

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.



| | COLOR | | SIZES & SURFACES | THICKNESS |
|--|------------------|-----------|---|-----------|
|  | Bianco | V2 | | |
|  | Grigio | V2 | | |
|  | Antracite | V2 | | |
|  | Nero | V2 | <u>Mega Naturale Rettificato (6 mm)</u> 120x280 (47 ^{1/4} "x110 ^{1/4} ") | |
|  | Avorio | V2 | | |
|  | Tortora | V2 | <u>STRIDE UP Naturale Rettificato (9 mm)</u> 120x120 (47 ^{1/4} "x47 ^{1/4} ") . 60x120 (23 ^{1/2} "x47 ^{1/4} ") . 80x80 (31 ^{1/2} "x31 ^{1/2} ") . 40x80 (15 ^{3/4} "x31 ^{1/2} ") . 60x60 (23 ^{1/2} "x23 ^{1/2} ") . 30x60 (11 ^{7/8} "x23 ^{1/2} ") | 6 mm |
|  | Cipria | V2 | | |
|  | Marrone | V2 | <u>Ribbed Rettificato (9 mm)</u> 60x120 (23 ^{1/2} "x47 ^{1/4} ") | 9 mm |
|  | Salvia | V2 | <u>Antislip Rettificato (9 mm)</u> 60x120 (23 ^{1/2} "x47 ^{1/4} ") | 20 mm |
|  | Cielo | V2 | | |
|  | Fiamma | V2 | <u>Open Antislip Rettificato (20 mm)</u> 80x80 (31 ^{1/2} "x31 ^{1/2} ") . 60x120 (23 ^{1/2} "x47 ^{1/4} ") | |
|  | Luce | V2 | | |
|  | Rose | V2 | | |
|  | Giada | 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 Nuances 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 _____

Nuances

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 | | 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 contributes to major green rating systems.
 For more info visit Ongreening.com

