## PRODUCTION TECHNOLOGY:

## SERIE : STONES- SLATE

Porcelain stoneware, full body colored, obtained by dry pressing of atomized seleceted clays and vitrified at high temperature over $1.200^{\circ}$. The final product complies with EN 14411 ,rules appendix $G$ (valid for ceramic tiles dry pressed with $\mathrm{E} \leq 0.5 \%$ B1a UGL Group)

| AESTHETIC CHARACTERISTICS |  |  |
| :---: | :---: | :---: |
| COLOR | SLATE GRIGIO - SLATE PIOMBO - SLATE ANTRACITE |  |
| SIZE <br> $100 \times 100 \mathrm{~cm}$ <br> $100 \times 100 \mathrm{~cm}$ <br> $60 \times 120 \mathrm{~cm}$ <br> $60 \times 120 \mathrm{~cm}$ <br> $60 \times 60 \mathrm{~cm}$ <br> $60 \times 60 \mathrm{~cm}$ <br> $30 \times 60 \mathrm{~cm}$ | THICKNESS $8,5 \mathrm{~mm}$ 20 mm 10 mm 20 mm 10 mm 20 mm 10 mm | FINISHING <br> Rectified Rectified Rectified Rectified Rectified Rectified Rectified |
| Durability for | Internal, external and residential use and light business. |  |
| TECHNICAL PROPERTIES |  |  |
| $\begin{aligned} & \text { CLASSIFICATION: } \\ & \text { EN 14411. APPENDIX G. } \\ & \text { GROUP B1a UGL } \end{aligned}$ | TEST METHOD/REGULATION | CASTELVETRO PERFORMANCE |
| Water absorption \% | UNI EN ISO 10545-3 | <0,50 |
| Breaking strength _ N | UNI EN ISO 10545-4 | > 1300 |
| Flexion resistence _ $\mathrm{N} / \mathrm{mm} 2$ |  | > 35 |
| Breaking strength | UNI EN 1339 | U11 |
| Resistance to deep abrasion | UNI EN ISO 10545-6 | < $170 \mathrm{~mm}^{3}$ |
| Frost resistance | UNI EN ISO 10545-12 | Resistance |
| Resistance to high concentrations of acids and alkali | UNI EN ISO 10545-13 | NDP |
| Resistance to high concentrations of acids and alkali |  | NDP |
| Resistance to chemical additives for domestic and pools use |  | NDP |
| Resistance to stains | UNI EN ISO 10545-14 | NDP |
| Slip resistance | B.C.R. TORTUS | $\leq 0,40$ |
|  | DIN 51130 | R10 Nat/R11 |
|  | DIN 51097 | Classe A $+\mathrm{B} / \mathrm{A}+\mathrm{B}+\mathrm{C}$ |
|  | DCOF | NDP |
| Reaction to Fire | See decision 96/603/CE | Fireproof class A1fl-A1 |


| ENVINORMENTAL IMPACT |  |  |  |
| :---: | :---: | :---: | :---: |
| \% water waste recycling in the production <br> process | $100 \%$ |  |  |
| Emissions into water | $0 \%$ |  |  |
| Cold emissions into the air | $<5 \mathrm{~g} / \mathrm{m}^{2}$ |  |  |
| \% solid waste recycling in the production <br> process | $>90 \%$ |  |  |
|  |  |  |  |

