



















# Cotto arrotato

## TECHNICAL CHARACTERISTICS

### Technical data

| technical characteristics  | norms                    | EN-norm values  | Sannini values                                     |
|--|--------------------------|---|--|
|  length   | UNI EN 98                | ± 1,5% max.   | corresponding                                      |
|  thickness  | UNI EN 98                | ± 10% max.  | corresponding                                      |
|  straightness of sides                                      | UNI EN 98                | ± 10% max.  | corresponding                                      |
|  rectangularity   | UNI EN 98                | ± 1,5% max.   | corresponding                                      |
|  surface flatness centre curvature                         | UNI EN 98                | ± 1% max.   | corresponding                                      |
|  surface flatness edge curvature                          | UNI EN 98                | ± 1% max.   | corresponding                                      |
|  surface flatness warpage                                 | UNI EN 98                | ± 1,5% max.   | corresponding                                      |
|  surface quality  | UNI EN 98                | percentage of acceptable tiles in the lot free visible defects 95 min.  | corresponding                                      |
|  water absorption   | ISO 10545-3              | average value $3 < E \leq 6$  | 4,2  |
|  modulus of rupture                                       | UNI EN 100               | average value $> 10 \text{ N/mm}^2$   | $> 20 \text{ N/mm}^2$                              |
|  scratch hardness of surface (Mohs)                       | UNI EN 101               | unglazed tiles 5 min.   | 5  |
|  abrasion resistance                                      | ISO 10545-6              | removed volume in $\text{mm}^3$ 771 max.  | $538 \text{ mm}^3$                                 |
|  linear thermal expansion                                 | ISO 10545-8              | coefficient linear thermal expansion from ambient temperature $< 10 \times 10^{-6} \text{ }^\circ\text{C}^{-1}$ | $6,7 (\times 10^{-6} \text{ }^\circ\text{C}^{-1})$ |
|  thermal shock resistance                                 | UNI EN 104<br>ASTM/C 484 | free of visible defects   | resistant<br>resistant                             |
|  res. to household chemical swimming pool water cleansers | ISO 10545                | free of visible defects   | resistant  |
|  resistance to acid and alkalis                           | ISO 10545-13             | unglazed tiles  | resistant  |
|  frost resistance   | ISO 10545-12             | free of visible defects   | resistant  |
|  sliding resistance                                       | B.C.R.A.<br>DIN 51130    | leather on dry surface $\mu > 0,40$<br>test on inclined plan  | $\mu = 0,85$<br>R13                                |