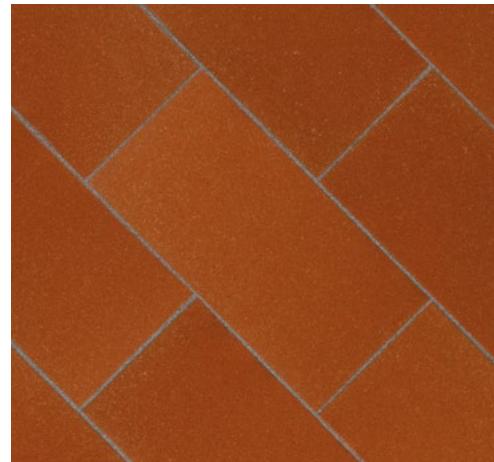


# TRAFILEATO A MACCHINA / MACHINERY DRAWN COTTOPLUS (COTTODUE)

| TECHNICAL CHARACTERISTICS                                   | NORMS                    | EN-NORM VALUES  | MANETTI VALUES                                   |
|---|--------------------------|---|--|
| ►▬▬▬ lenght   | 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 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 absorpcion  | ISO 10545-3              | average value $3 < E \leq 6$  | corresponding (waterproof)                       |
| ▬▬▬ 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   |  |
| ▬▬▬ resistance to light                                     |                          |   | resistant  |
| ▬▬▬ linear thermal expansion                                | ISO 10545-8              | coefficient linear thermal expansion from ambient temperature $< 10 \times 10^{-6} \text{ }^\circ\text{C}^{-1}$ | $7.4 \times 10^{-6} \text{ }^\circ\text{C}^{-1}$ |
| ▬▬▬ thermal shock resistance                                | UNI EN 104<br>ASTM/C 484 | free of visible defects   | resistant  |
| ▬▬▬ res. to household chemical swimming pool water cleaners | 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.R.C.A.<br>DIN 51130    | leather on dry surface $\mu > 0.40$ test on inclined lan  | R12  |



MANETTI  
GUSMANO  
& FIGLI

SANNINI  
impruneta