



## MARO CRISTIANI SRL.



















Via Berchet, 2 - 56010 Ghezzano (Pisa)

Tel. 050.879122 - Fax 050.878145

[www.cristiani.it](http://www.cristiani.it) [info@cristiani.it](mailto:info@cristiani.it)

Codice Fiscale, Partita Iva, N° Iscrizione Registro imprese di Pisa 01806450506 - Capitale Sociale 90.000,00 I.v.

### FATTO A MANO /HANDMADE TRADIZIONALE (CLASSICO)

TECHNICAL CHARACTERISTICS	NORMS	EN-NORM VALUES	MANETTI VALUES
 lenght	UNI EN 98	± 1,5% max	
 thickness	UNI EN 98	± 10% max	
 straightness of sides	UNI EN 98	± 10% max	
 rectangularity	UNI EN 98	± 1,5% max	
 surface flatness centre curvature	UNI EN 98	± 1% max	
 surface flatness warpage	UNI EN 98	± 1,5% max	
 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 $3 < E \leq 6$	7,3
 modulus of ropture	UNI EN 100	average value $> 10 \text{ N/mm}^2$	$> 13,7 \text{ N/mm}^2$
 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	$1116 \text{ mm}^3$
 resistance to light			resistant
 linear thermal expansion	ISO 10545-8	coefficient linear thermal expansion from ambient temperature $< 10 \times 10^{-6} / ^\circ\text{C}^{-1}$	$7,4 (x 10^{-6} / ^\circ\text{C}^{-1})$
 thermal shock resistance	UNI EN 104 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. DIN 51130	leather on dry surface $\mu > 0,40$ test on inclined lan	R13

