



















# TRAFILATO A MACCHINA / MACHINERY DRAWN LITOS (NATURALE)

TECHNICAL CHARACTERISTICS	NORMS	EN-NORM VALUES	MANETTI 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 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 ropture	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	$542 \text{ mm}^3$
 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 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	R11



**SANNINI**  
impruneto