




















Superficie Sannini

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	UNI EN 99	average value $3 < E \leq 6$	5,6
 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	UNI EN 102	removed volume in mm^3 771 max.	218,1 mm^3
 linear thermal expansion	UNI EN 103	coefficient linear thermal expansion from ambient temperature $< 10 \times 10^{-6} \text{ } ^\circ\text{C}^{-1}$	$4,39 (\times 10^{-6} \text{ } ^\circ\text{C}^{-1})$
 thermal shock resistance	UNI EN 104	free of visible defects	resistant
 res. to household chemical swimming pool water cleansers	ISO 10545	free of visible defects	resistant
 resistance to acid and alkalis	ISO 10545	unglazed tiles	resistant
 frost resistance	UNI EN 202	free of visible defects	resistant
 sliding resistance	DM 236/89 DIN 51130	leather on dry surface $\mu > 0,40$ test on inclined plan	$\mu = 0,70$ R 13
 static coefficient of friction		on dry surface on wet surface	0,87 0,85