

## TECHNICAL CHARACTERISTICS

### Technical data

technical characteristics	norms	EN-norm values	Sannini values
	length	UNI EN 98	$\pm 1,5\%$ max. corresponding
	thickness	UNI EN 98	$\pm 10\%$ max. corresponding
	straightness of sides	UNI EN 98	$\pm 10\%$ max. corresponding
	rectangularity	UNI EN 98	$\pm 1,5\%$ max. corresponding
	surface flatness centre curvature	UNI EN 98	$\pm 1\%$ max. corresponding
	surface flatness edge curvature	UNI EN 98	$\pm 1\%$ max. corresponding
	surface flatness warpage	UNI EN 98	$\pm 1,5\%$ 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 ASTM/C 373	average value $3 < E \leq 6$ 5,6 4,3
	modulus of rupture	UNI EN 100 ASTM/C 648	average value $> 10 \text{ N/mm}^2$ $> 13 \text{ N/mm}^2$ 662
	scratch hardness of surface (Mohs)	UNI EN 101	unglazed tiles 5 min. 5
	abrasion resistance	UNI EN 102 ASTM/C 501	removed volume in $\text{mm}^3$ 771 max. $511 \text{ mm}^3$ 51
	resistance to light	DIN 51094	free of visible defects resistant
	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 ASTM/C 1026	free of visible defects resistant resistant
	sliding resistance	DM 236/89 DIN 51130	leather on dry surface $\mu > 0,40$ test on inclined plan $\mu = 0,82$ R10
	static coefficient of friction	ASTM/C 1028	on dry surface on wet surface 0,86 0,78