




















Externa

TECHNICAL CHARACTERISTICS

Technical data

	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	average value $3 < E \leq 6$	4,5%
	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.	6
	abrasion resistance	UNI EN 102	removed volume in mm^3 771 max.	565 mm^3
	linear thermal expansion	UNI EN 103	coefficient linear thermal expansion from ambient temperature $< 10 \times 10^{-6} \text{ }^\circ\text{C}^{-1}$	$4,22 (\times 10^{-6} \text{ }^\circ\text{C}^{-1})$
	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 DIN 51097	leather on dry surface $\mu > 0,40$ test on inclined plan inclination corner	$\mu = 0,66$ R10 $> 30^\circ$
	compression resistance			$46,33 \text{ N/mm}^2$
	impact resistance	RD 2234/39		9,4 J