

TECHNICAL CHARACTERISTICS ACCORDING TO INTERNATIONAL STANDARDS
Vitrified Glazed polished ceramic tiles of different sizes and thickness marked
“Serie PRISMA STATUARIO - vitrified glazed matt tiles -120x120cm”

<i>Characteristics</i>	<i>Test method</i>	<i>Requirements EN 14411/ISO 13006-G</i>	<i>Results</i>
Surface quality	ISO 10545-2	95%	100% good
Lenght	ISO 10545-2	Deviation % max from $W \leq \pm 0,6$	0~+0,03% Complies
Lenght and width	ISO 10545-2	Deviation % max from the average size $\leq \pm 0,5$	0~+0,05% Complies
Thickness	ISO 10545-2	Deviation % max from $W \leq \pm 5$	$\pm 4\%$ Complies
Straightness of sizes	ISO 10545-2	Deviation % max $\leq \pm 0,5$	$\pm 0,1\%$ Complies
Rectangularity	ISO 10545-2	Deviation % max $\leq \pm 0,6$	$\pm 0,1\%$ Complies
Surface flatness Centre curvature	ISO 10545-2	Deviation % max $\leq \pm 0,5$	$\pm 0,2\%$ Complies
Surface flatness Edge curvature	ISO 10545-2	Deviation % max $\leq \pm 0,5$	Complies
Surface flatness Warpage	ISO 10545-2	Deviation % max $\leq \pm 0,5$	Complies
Water absorption (%)	ISO 10545-3	Average $\leq 0,5$	0,05
Moduls of rupture (N/mm²)	ISO 10545-4	$R \geq 35$	40
Breaking strength (N)	ISO 10545-4	$S \geq 1300$	S = 1800
Resistance to surface abrasion of glazed tiles	ISO 10545-7	Report cycles passed	Class 4
Thermal shock	ISO 10545-9	Test method available	Resistant
Resistance to staining Olive Oil	ISO 10545-14	Minimum Class 3	Class 5
Resistance to household chemical and swimming pool water	ISO 10545-13	GB min	GA

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