

**TECHNICAL CHARACTERISTICS ACCORDING TO INTERNATIONAL STANDARDS**  
Vitrified Glazed polished ceramic tiles of different sizes and thickness marked  
“Serie CALACATTA REALE - vitrified glazed matt tiles -60x120cm”

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

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