

**Collection:** Roma

**Edge Detail:** Rectified & Micro Beveled

**Colors:** Beige, Braun, Charcoal, Gris, Nero, White

**Sizes / Thickness ("):** 6x24, 12x12, 12x24, 24x24 / (3/8")

Technical Characteristics	Test Method	Value Required	Results
<b>Length and Width</b> The permissible deviation of the average size for each tile (4 sides) from the work size	EN ISO 10545-2	±0.6% ±2.0mm	-0.02%~0 -0.1mm~0
<b>Thickness</b> Thickness shall be specified  The permissible deviation, of the average thickness of each tile from the work size thickness	EN ISO 10545-2	Declared Thickness  ±5% ±0.5mm	9.5mm  +3.61% ~ +4.61 +0.3mm ~ +0.4mm
<b>Water Absorption</b>	EN ISO 10545-3	$E_w \leq 0.5\%$ Individual Maximum 0.6%	0.18% 0.16% ~ 0.22%
<b>Bending Strength</b> in (N/mm <sup>2</sup> ) Not Applicable to tiles with breaking strength $\geq 3000N$	EN ISO 10545-4	Minimum 35 Individual Minimum 32	43.3 39.6 ~ 47.0
<b>Breaking Strength</b> , in N	EN ISO 10545-4	$\geq 1300$	2213
<b>Resistance to Deep Abrasion</b>	EN ISO 10545-7	Report Abrasion Class Report Cycles Passed	Class 3 1500
<b>Thermal Shock Resistance</b>	EN ISO 10545-9	Pass	Fully Resistant
<b>Stain Resistance</b>			
A) Green Staining agent in light oil	EN ISO 10545-14	Minimum Class 3	Class 5
B) Red Staining agent in light oil	EN ISO 10545-14	Minimum Class 3	Class 5
C) Iodine, 13g/L solution in Alcohol	EN ISO 10545-14	Minimum Class 3	Class 5
D) Olive Oil	EN ISO 10545-14	Minimum Class 3	Class 5
<b>Chemical Resistance</b>			
A) Household Chemicals; Ammonium chloride, 100g/	EN ISO 10545-13	Class Minimum B	GA (V)
B) Swimming pool Salts: Sodium Hypochlorite, 20mg/L	EN ISO 10545-13	Class Minimum B	GA(V)
<b>Resistance to low concentrations of acids and alkalis</b>			
A) Hydrochloric Acid solution, 3% (v/v)	EN ISO 10545-13	Declared Value	GLA (V)
B) Citric Acid solution, 100g/L	EN ISO 10545-13	Declared Value	GLA (V)
C) Potassium hydroxide, 30g/L	EN ISO 10545-13	Declared Value	GLA (V)
<b>Slip Resistance</b>	DIN 51130	Declared Value	$\alpha$ ges:10.3; Classification: R10
<b>Crazing Resistance</b> : Glazed Tiles	EN ISO 10545-11	Pass	Fully Resistant
<b>Reaction to Fire</b>	CWT	Class A1 or A1 <sub>FL</sub>	Class A1 <sub>FL</sub>