

Collection: Rio

Edge Detail: Rectified & Micro Beveled

Colors: Ivory, Beige, Nero, Grigio

Sizes / Thickness ("): 24x24, 8x24, 18x36, 12x24, 6x24, 18x18, 12x12, 4x24, 9x36 / (3/8")

Technical Characteristics	Test Method	Value Required	Results
Length and Width The permissible deviation of the average size for each tile (4 sides) from the work size	ISO 10545-2	±0.6% ±2.0mm	+0.05%~+0.06% +0.3mm~+0.4mm
Thickness Thickness shall be specified The permissible deviation, of the average thickness of each tile from the work size thickness	- ISO 10545-2	Declared Thickness ±5% ±0.5mm	9.6mm -0.16%~+0.99% 0~+0.1mm
Water Absorption	ISO 10545-3	$E_b \leq 0.5\%$ Individual Maximum 0.6%	0.43% 0.39% ~ 0.47%
Bending Strength in (N/mm ²) Not Applicable to tiles with breaking strength $\geq 3000N$	ISO 10545-4	Minimum 35 Individual Minimum 32	43.7 41.1 ~ 45.7
Breaking Strength , in N	ISO 10545-4	≥ 1300	2077
Resistance to Deep Abrasion	ISO 10545-7	Report Abrasion Class Report Cycles Passed	Class 3 750
Thermal Shock Resistance	ISO 10545-9	Test Method Available	Fully Resistant
Stain Resistance A) Green Staining agent in light oil B) Red Staining agent in light oil C) Iodine, 13g/L solution in Alcohol D) Olive Oil	ISO 10545-14 ISO 10545-14 ISO 10545-14 ISO 10545-14	Minimum Class 3 Minimum Class 3 Minimum Class 3 Minimum Class 3	Class 5 Class 5 Class 5 Class 5
Chemical Resistance A) Household Chemicals; Ammonium chloride, 100g/ B) Swimming pool Salts: Sodium Hypochlorite, 20mg/L	ISO 10545-13 ISO 10545-13	Minimum GB Minimum GB	GA (V) GA(V)
Resistance to low concentrations of acids and alkalis A) Hydrochloric Acid solution, 3% (v/v) B) Citric Acid solution, 100g/L C) Potassium hydroxide, 30g/L	ISO 10545-13 ISO 10545-13 ISO 10545-13	Manufacturer to state classification Manufacturer to state classification Manufacturer to state classification	GLA (V) GLA (V) GLA (V)
Crazing Resistance : Glazed Tiles	ISO 10545-11	Required	Fully Resistant