

LA RIVIERA

DIMENSIONS

Characteristic	Norm	Average value depending on nominal dimension N		
		7 cm ≤ N < 15 cm	N ≥ 15 cm	
Length and width	EN ISO 10545-2	± 0.75 mm	± 0.5 %	± 2.0 mm
Thickness	EN ISO 10545-2	± 0.5 mm	± 10 %	± 0.5 mm
Straightness of sides ¹	EN ISO 10545-2	---	---	---
Rectangularity ²	EN ISO 10545-2	---	---	---
Surface flatness ³	EN ISO 10545-2	+ 0.75 mm - 0.50 mm	+ 0.5 %	+ 2.0 mm
Central curvature			- 0.3 %	- 1.5 mm
Side curvature		+ 0.75 mm - 0.50 mm	+ 0.5 % - 0.3 %	+ 2.0 mm - 1.5 mm
Warp		± 0.75 mm	± 0.5 %	± 2.0 mm

PHYSICAL PROPERTIES

Characteristic	Norm	Average value
Water absorption	EN ISO 10545-3	> 10 % (BIII)
Breaking of rupture	EN ISO 10545-4	> 600 N
Modulus of rupture	EN ISO 10545-4	> 12 N/mm ²
Scratch hardness (MOHS)	EN 101	3
Resistance to thermal shock	EN ISO 10545-9	Guaranteed
Crazing resistance	EN ISO 10545-11 ASTM C424	Guaranteed
Shade Variation	---	V2
Reaction to fire	---	A1- s1, d0

¹ Straightness cannot be measured, due to the irregularity of sides of the tiles

² Rectangularity cannot be measured, due to the irregularity of sides of the tiles

³ must be measured in the back of the tiles, due to the irregular surface of the tiles

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CHEMICAL PROPERTIES

Characteristic	Norm	Average value
Resistance to stains	EN ISO 10545-14	5
Chemical resistance	EN ISO 10545-13	
Low concentration acids and alkalis		GLA
High concentration acids and alkalis		GHB
Household chemicals		GA