

Range Name:

River City Cement

Ref: P+E-RCC-TDS-01

Technical specification of porcelain floor tiles manufactured in accordance with the UNE-EN ISO standard, Bla group.

	Testing To Standard	Average Typical Values	Result
Physical Properties			
Group			Bla
Values According To			UNE-EN 14411:2012
Certificate			PN-EN ISO 9001, PN-EN ISO 14001
Material			Porcelain
Colours			White, Light Grey, Dark Grey, Black
Finish			Matt
Size Formats (mm)			283 x 408, 300 x 600, 600 x 600, 600 x 1200
Thickness (mm)			Mixed
Rectified			Yes
Shade Variation			V2
Technical Properties			
Dimensions and Surface Aspect	UNE-EN-ISO 10545-2	Requested Value	Complies
Water Absorption	UNE-EN-ISO 10545-3	$E \leq 0.5\%$	0.1 - 0.3%
Breaking Strength	UNE-EN-ISO 10545-4	$< 7.5\text{mm} - \geq 700\text{ N}$ $\geq 7.5\text{mm} - \geq 1300\text{ N}$	950 N Minimum 1500 N
Flexural Tensile Strength	UNE-EN-ISO 10545-4	$\geq 35\text{ N/mm}^2$	35 N/mm ²
Abrasion Resistance	UNE-EN-ISO 10545-7	Declared Value	III - IV PEI
Thermal Shock Resistance	UNE-EN-ISO 10545-9	Declared Value	Resistant
Cracking Resistance	UNE-EN-ISO 10545-11	Declared Value	Resistant
Frost Resistance	UNE-EN-ISO 10545-12	Declared Value	Resistant
Chemical Resistance Properties			
Household & Pool Chemicals	UNE-EN-ISO 10545-13	Min B	A, LA, HA
Stain Resistance Properties			
Resistance to Staining	UNE-EN-ISO 10545-14	Min 3	5
Release of Dangerous Substances			
Lead	UNE-EN-ISO 10545-15	$\leq 0.8\text{ mg/l.Pb}$	0
Cadmium	UNE-EN-ISO 10545-15	$\leq 0.07\text{ mg/l.Cd}$	0
Slip Resistance Properties			
Slip Resistance (Pendulum)	DIN 51130	Declared Value	PTV +36 ~ Slider 96 in WET Conditions ~ R10

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Physical Properties			
Group			Bla
Values According To			UNE-EN 14411:2012
Certificate			PN-EN ISO 9001, PN-EN ISO 14001
Material			Porcelain
Colours			White, Light Grey, Dark Grey, Black
Finish			Semi Polished
Size Formats (mm)			300 x 600, 600 x 600, 600 x 1200
Thickness (mm)			Mixed
Rectified			Yes
Shade Variation			V2
Technical Properties			
Dimensions and Surface Aspect	UNE-EN-ISO 10545-2	Requested Value	Complies
Water Absorption	UNE-EN-ISO 10545-3	$E \leq 0.5\%$	0.1 - 0.3%
Breaking Strength	UNE-EN-ISO 10545-4	$< 7.5\text{mm} - \geq 700\text{ N}$ $\geq 7.5\text{mm} - \geq 1300\text{ N}$	950 N Minimum 1500 N
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Chemical Resistance Properties			
Household & Pool Chemicals	UNE-EN-ISO 10545-13	Min B	A, LA, HA
Stain Resistance Properties			
Resistance to Staining	UNE-EN-ISO 10545-14	Min 3	5
Release of Dangerous Substances			
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