

Technical Data Sheet	
Range	Rouen including mosaics
Material	Porcelain
Sizes	593x593
Finish	Natural
Thickness	9mm
Use: WALL/FLOOR	Wall and Floor

Technical Characteristics	Industry Standard	Requirement	Actual Value
Dimension and Surface Quality			
Length and width	UNE EN ISO 10545-2	0.60%	0.07%
Thickness	UNE EN ISO 10545-2	+ or - 5%	5%
Edge straightness	UNE EN ISO 10545-2	+ or - 50%	0.07%
Orthogonality (squareness)	UNE EN ISO 10545-2	+ or - 50%	0.07%
Planarity (flatness)	UNE EN ISO 10545-2	+ or - 50%	0.30%
Appearance		> or - 95%	> 95%

Product Quality and Durability			
Water absorption	UNE EN ISO 10545-3	< or - 0.5%	< 0,3%
Modulus of rupture (bending strength)	UNE EN ISO 10545-4	> or - 35 N/mm ²	40Nw/mm ²
Breaking strength	UNE EN ISO 10545-4	> or - 1300 N	> 1500Nw
Resistance to surface abrasion	UNE EN ISO 10545-7	PEI	4
Thermal shock resistance	UNE EN ISO 10545-9	Test method available	Stands the test
Crazing resistance	UNE EN ISO 10545-11	Test method available	Stands the test
Frost resistance	UNE EN ISO 10545-12	No alteration to surface	Stands the test
Chemical resistance -Low Concentrations of Acids and Alkaline	UNE EN ISO 10545-13	No visible signs to surface	GLB
	UNE EN ISO 10545-13		
Chemical resistance - Domestic Chemicals	UNE EN ISO 10545-14	GB min,	GA
Stain resistance - Domestic Chemicals	UNE EN ISO 10545-14	Min Class 3	4

SLIP RESISTANCE: Areas with footwear	UNE EN ISO 10545-17 (DIN51130)	R9 from 6 to 10 degrees	yes
		R10 over 10 to 19 degrees	
		R11 over 19 to 27 degrees	
		R12 over 27 to 35 degrees	
		R13 over 35 degrees	

Additional info required for 2cm thick tiles			
Breaking Strength	EN180 10545-4		n/a
Bending Strength	EN180 10545-4		n/a
Point Load	EN 12825		n/a
Resistance to Abrasion	EN180 10545-6		n/a

