

Gris

Outeniqua

Brand: Etienne

Range/Collection: Outeniqua Stone

Tile type: Porcelain

Sizes Available: 600x600mm | 800x800mm | 600x1200mm | 1200x600x20mm (Paver)

Finish/Texture: Matt (R10)

Number of faces: 12

Application: Floor tile, Wall tile

Thickness (mm): 9mm

Suitable Areas: Indoor Areas

Country of manufacturer: India

Taupe

Blanco



Griqua

Brand: Etienne
Range/Collection: Griqua Stone
Tile type: Porcelain
Sizes Available: 600x600mm | 800x800mm | 600x1200mm | 1200x600x20mm (Paver)
Finish/Texture: Matt (R9)
Number of faces: 6
Application: Floor tile, Wall tile
Thickness (mm): 10mm
Suitable Areas: Indoor Areas
Country of manufacturer: South Africa

Grey

White





Silver

Nero



Silt

Brand: Etienne
Range/Collection: Silt
Tile type: Porcelain
Sizes Available: 600x600mm | 800x800mm | 600x1200mm | 1200x600x20mm (Paver)
Finish/Texture: Matt (R9)
Number of faces: 4
Application: Floor tile, Wall tile
Thickness (mm): 10mm
Suitable Areas: Indoor Areas
Country of manufacturer: South Africa



Statuario

Brand: Etienne
Range/Collection: Statuario Lucidato
Tile type: Porcelain
Sizes Available: 600x1200mm | 300x300mm | 367.5x404.6mm
Finish/Texture: Matt (R 10) & Polished (R 9)
Number of faces: 8
Application: Floor tile, Wall tile
Thickness (mm): 9mm
Suitable Areas: Indoor Areas
Country of manufacturer: India

Oslo

Brand: Etienne

Range/Collection: Neo

Tile type: Porcelain

Sizes Available: 600x1200mm | 300x300mm | 367.5x404.6mm

Finish/Texture: Matt (R 10) & Polished (R 9)

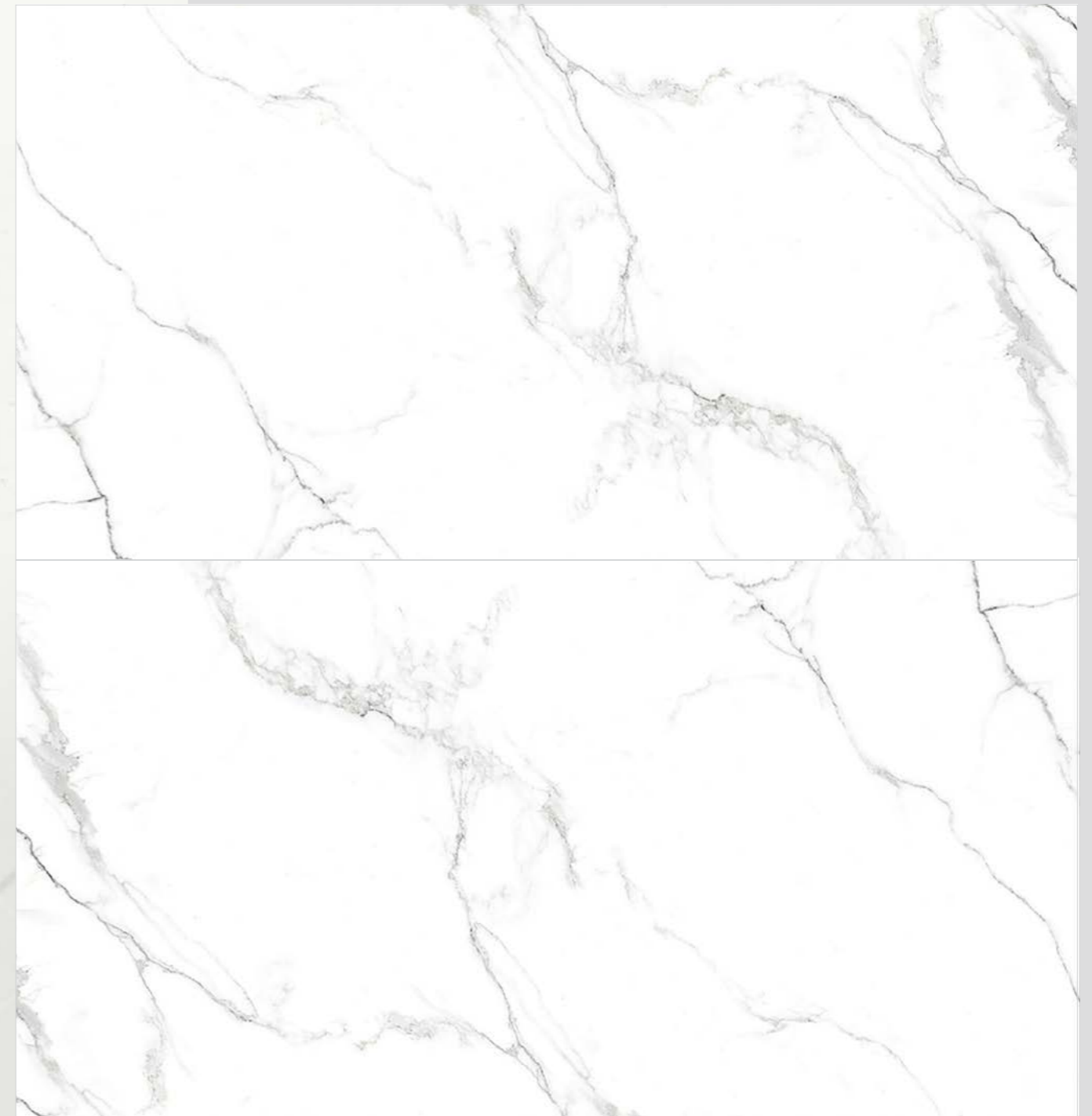
Number of faces: 8

Application: Floor tile, Wall tile

Thickness (mm): 9mm

Suitable Areas: Indoor Areas

Country of manufacturer: India

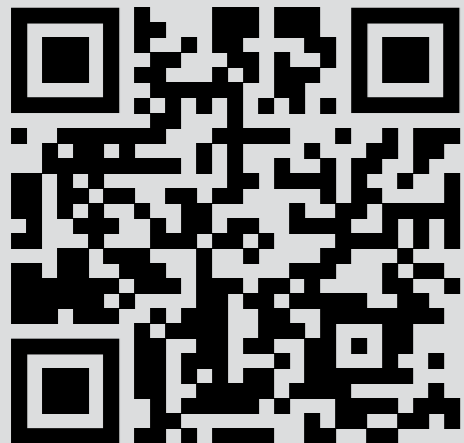




Etienne Joubert founded Stiles in the year 2000.

Etienne's vision was to provide exclusive and unique tile designs to the Southern Cape.

23 years later, Etienne Tiles, Stiles' first inhouse brand of tiles, was founded by Etienne's son Steve, in honour of Etienne and his legacy





Outeniqua

TECHNICAL SPECIFICATIONS - GLAZED VITRIFIED TILES

CHARACTERISTIC	TEST METHOD	INTERNATIONAL STD	ETIENNE VALUE
DIMENSION & SURFACE QUALITY			
Deviation in length	ISO-10545-2	± 0.6%	± 0.2%
Deviation in thickness	ISO-10545-2	± 5%	± 3%
Straightness of Sides	ISO-10545-2	± 0.5%	± 0.2%
Rectangularity	ISO-10545-2	± 0.6%	± 0.2%
Surface Flatness	ISO-10545-2	± 0.5%	± 0.2%
PHYSICAL & THERMAL PROPERTIES			
Water Absorption	ISO-10545-3	<0.50%	<0.40%
Mohs Hardness	EN-101	Min.5	Min.5
Flexural Strength	ISO-10545-4	>35 N/mm ²	>40 N/mm ²
Skid Resistance (Friction Coefficient)	ISO-10545-17	>0.4	>0.4
Breaking Strength	ISO-10545-11	>1113 N	>1800 N
Frost Resistance	ISO-10545-12	Frost Proof	Frost Proof
Thermal Shock Resistance	ISO-10545-9	No Damage	No Damage
Moisture Expansion	ISO-10545-10	NIL	NIL
Resistance to Surface Abrasion	ISO-10545-7	Abrasion class shall be specified by the manufacturer	PEI IV & V
CHEMICAL PROPERTIES			
Chemical Resistance	ISO-10545-13	No Damage	No Damage
Color Resistance	ISO-10545-16	No Damage	No Damage
Stain Resistance	ISO-10545-14	Resistant	Resistant

Dimensions (MM)	Box			
	Pieces	Sq. Mtr.	Sq. Feet	Weight (Apx.)
600 x 1200 mm	2	1.44	15.50	31kgs

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Griqua

Product Name: Stoneware Porcelain

Product Type: Glazed Floor Tiles

ITEM	TEST METHOD	STANDARD REQUIREMENTS	RESULTS
Product Size	ISO-10545-2		600mm x 1200mm x 10mm
Thickness	ISO-10545-2	±5% (Max 0.45mm)	10±0.3mm
Straightness of Side (mm)	ISO-10545-2	±0.5% (Max 1.5mm)	±0.5mm
Rectangularity (Average)	ISO-10545-2	±0.5% (Max 2.0mm)	±1.5mm
Centre Curvature (mm)	ISO-10545-2	±0.5% (Max 2.0mm)	-0.65mm ~ +1.3mm
Edge Curature	ISO-10545-2	±0.5% (Max 2.0mm)	-0.5mm ~ +1mm
Warpage (mm)	ISO-10545-2	±0.5% (Max 2.0mm)	0.4mm ~ +0.7mm
Water Absorption %	ISO-10545-3	0.5% < E ≤ 3%	Average: 1.2%
Modulus of Rupture (Mpa)	ISO-10545-4	Average ≥ 30N/MM ²	Average ≥ 38N/MM ²
Breaking Strength (N)	ISO-10545-4	Average ≥ 1100N	Average ≥ 1850N
Abrasion Resistance (PEI Rating)	ISO-10545-7	≥ Class3	Class4
Linear Thermal Expansion	ISO-10545-8	----	Pass
Resistance to Thermal shock	ISO-10545-9	Resistant	Resistant
Moisture Expansion	ISO-10545-10	----	0.034% (mm/m)
Resistance to Crazing	ISO-10545-11	No Cracking or Flacking	Resistant
Frost Resistance	ISO-10545-12	No Cracking or Flacking	Resistant
Chemical Resistance	ISO-10545-13	Resistant	Resistant
Stain Resistance	ISO-10545-14	≥ Class3	Class5
Small Color Difference	ISO-10545-16	Resistant	Resistant
Slip Resistant	ISO-10545-17	----	R9
Mohs Hardness	BS 6431-13-1986	----	Class5

Applications

Product features are with good abrasion resistance and significant scratch hardness. As Such, It is indicated for flooring in Public Commercial areas as well for domestic use.



Silt

Product Name: Stoneware Porcelain

Product Type: Glazed Floor Tiles

ITEM	TEST METHOD	STANDARD REQUIREMENTS	RESULTS
Product Size	ISO-10545-2		600mm x 600mm x 10mm
Thickness	ISO-10545-2	±5% (Max 0.45mm)	10±0.3mm
Straightness of Side (mm)	ISO-10545-2	±0.5% (Max 1.5mm)	±0.5mm
Rectangularity (Average)	ISO-10545-2	±0.5% (Max 2.0mm)	±1.5mm
Centre Curvature (mm)	ISO-10545-2	±0.5% (Max 2.0mm)	-0.65mm ~ +1.3mm
Edge Curvature	ISO-10545-2	±0.5% (Max 2.0mm)	-0.5mm ~ +1mm
Warpage (mm)	ISO-10545-2	±0.5% (Max 2.0mm)	-0.4mm ~ +0.7mm
Water Absorption %	ISO-10545-3	0.5% < E ≤ 3%	Average: 1.8%
Modulus of Rupture (Mpa)	ISO-10545-4	Average ≥ 30N/MM2	Average ≥ 38N/MM2
Breaking Strength (N)	ISO-10545-4	Average ≥ 1100N	Average ≥ 1451N
Abrasion Resistance (PEI Rating)	ISO-10545-7	≥ Class3	Class4
Linear Thermal Expansion	ISO-10545-8	---	Pass
Resistance to Thermal shock	ISO-10545-9	Resistant	Resistant
Moisture Expansion	ISO-10545-10	---	0.034% (mm/m)
Resistance to Crazeing	ISO-10545-11	No Cracking or Flacking	Resistant
Frost Resistance	ISO-10545-12	No Cracking or Flacking	Resistant
Chemical Resistance	ISO-10545-13	Resistant	Resistant
Stain Resistance	ISO-10545-14	≥ Class3	Class5
Small Color Difference	ISO-10545-16	Resistant	Resistant
Slip Resistant	ISO-10545-17	---	R9
Mohs Hardness	BS 6431-13-1986	---	Class5

Applications

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Statuario

TECHNICAL SPECIFATIONS - GLAZED VITRIFIED TILES

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Oslo

TECHNICAL SPECIFICATIONS - GLAZED PORCELAIN TILES

	Technical Feature	Standard Reference Or Method Of Measurement	Value Required By The Standard	Verified Value	
DIMENSIONS AND QUALITY OF THE SURFACE	LENGTH AND WIDTH (Admissible deviation % of the average size of each tile from the manufacturing size)	UNI EN ISO 10545-2	$\pm 0,6 \%$	CONFIRMS	
	THICKNESS		$\pm 10 \%$	CONFIRMS	
	STRAIGHTNESS OF THE CORNER		$\pm 0,3 \%$	CONFIRMS	
	ORTHOAGONALITY		$\pm 0,5 \%$	CONFIRMS	
	PLANARITY		Center and corner curvature	CONFIRMS	$\pm 0,5 \%$ - $\pm 0,3 \%$
			Buckling		
			$\pm 0,5 \%$		
	SURFACE QUALITY		The 95% of the tested tiles must be free from visible defects	CONFIRMS	
PHYSICAL PROPERTIES	PEI RATING	EN 101	CLASS 4	CONFIRMS	
	ABSORBED WATER MASS	UNI EN ISO 10545-3	EB < 0.5%	CONFIRMS	
	BREAKING FORCE (S)	UNI EN ISO 10545-4	S > 200 N	CONFIRMS	
	BENDING RESISTANCE (R)		R > 12 N/mm ²	CONFIRMS	
CHEMICAL PROPERTIES	CAVIL RESISTANCE	UNI EN ISO 10545-11	REQUESTED	CONFIRMS	
	RESISTANCE TO CHEMICAL PRODUCTS FOR DOMESTIC USES AND ADDITIVES FOR POOL	UNI EN ISO 10545-13	Minimum class GB	RESISTANT	
	RESISTANCE TO LOW CONCENTRATIONS OF ACIDS AND ALCALS	UNI EN ISO 10545-13	As per declared by the company	RESISTANT	

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