PAVIGRÉS®
CERÂMICAS S.A.

Product Technical Datasheet

Uni Cristal PGK277RT

Porcelain tiles | EN14411 - Annex G | Group BIa | UGL
Nominal Size - 597 x 597 x 10.5 mm | Brand - Pavigrés 21
Working Size - 592,0 x 592,0 mm

5 609872 515718

Collection - Pavigres 21 Uni | Finish - Grip Matte Rectified

Packing and weights

Pieces/Box		Boxes/Pallet		weight		
unit	m2	Boxes	m2	Kg/m2	Kg/Box	Kg/Pallet
3	1.07	36	38.52	22.80	24.40	898

	Test	Value/Standard Tolerance	Typical Product Value *	Test Standard
Dimensional Characteristics	Length and Width	± 0.6% | MAX. ± 2mm	± 0.1% | ± 0.1%	EN ISO 10545-2
	Orthogonality	± 0.5% | MAX. ± 2mm	± 0.3%	
	Straightness	± 0.5% | MAX. ± 1.5mm	± 0.3%	
	Flatness	± 0.5% | MAX. ± 2mm	± 0.3%	
	Thickness	± 5% | MAX. ± 0.5mm	± 3% | MAX. ± 0.4mm	
Water Absorption		E <= 0.5%	E <= 0.1%	EN ISO 10545-3
Deep Abrasion		<= 175 mm3	130 mm3	EN ISO 10545-6
Linear Expansion			<= 7.00E-06 / ºC	EN ISO 10545-8
Thermal Shock Resistance		Resistant		EN ISO 10545-9
Frost Resistance		Must not produce noticeable alterations to surface	Resistant	EN ISO 10545-12
Lead Release		For special surfaces (for instance, kitchen counter)	Test upon request	EN ISO 10545-15
Rupture Modulus N/mm2 | Breaking Strength in N		=> 35N/mm2 | => 1300N	=> 45N/mm2 / => 460Kg/cm2 | => 2600N	EN ISO 10545-4

Test	Chemical Product	Value/Standard Tolerance	Typical Product Value *	Test Standard
Resistance to acids and bases (high and low concentrations)	Hydrochloric acid (18%)	To report classification for low concentrations of acids and alkalis / Optional for high concentrations of acids and alkalis	To be confirmed case by case	EN ISO 10545-13
	Lactic acid (5%)		To be confirmed case by case	
	Potassium hydroxide (100g/l)		To be confirmed case by case	
	Hydrochloric acid (3%)		To be confirmed case by case	
	Citric acid (100g/l)		To be confirmed case by case	
	Potassium hydroxide (30g/l)		To be confirmed case by case	
Resistance to cleaning products	ammonium chloride (100g/l)	Minimum Class B	Guaranteed	
Resistance to pool additives	Sodium hypochlorite (20mg/l)		Guaranteed	
Stain Resistance	Olive Oil	Declare Value	>= Class 2	EN ISO 10545-14
	Green Chromium/Iron oxide		>= Class 2	
	Iodine		>= Class 2	
Slip Resistance **	DIN EN16165 (Anexo A) - B | DIN EN16165 (Anexo B) - R10 |			

* Indicative value

** Tests carried out by certified external laboratories whose results are available upon request at head office. Pavigrés is available to prove in our own laboratories the technical characteristics of any purchased lot upon request. Anti-slip performance is guaranteed at the time of delivery of the product.

It is guaranteed the compliance with the values required by norm EN 14411. Typical Pavigres reference value is merely indicative, which can vary from real data, and does not have the purpose of any trading proposal.