PAVIGRÉS
CERÂMICAS S.A.

Product Technical Datasheet

Cloud Grey M14817RT

Porcelain tiles | EN14411 - Annex G | Group Bla | GL
Nominal Size - 447 x 447 x 9.2 mm | Brand - Grespor
Working Size - 443,5 x 443,5 mm

5 609872 525076

Collection - Cloud | Finish - Matte Rectified
Shade variation - V2 | Possible graphics - 20 | Recycled content - 32 %

Packing and weights

Pieces/Box		Boxes/Pallet		weight		
unit	m2	Boxes	m2	Kg/m2	Kg/Box	Kg/Pallet
5	1.00	68	68.00	21.30	21.30	1,468

	Test	Value/Standard Tolerance	Typical Product Value *	Test Standard
Dimensional Characteristics	Length and Width	± 0.6% | MAX. ± 2mm	± 0.2% | ± 0.2%	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
Surface Abrasion			IV	EN ISO 10545-7
Linear Expansion			<= 7.00E-06 / ºC	EN ISO 10545-8
Thermal Shock Resistance		Resistant		EN ISO 10545-9
Crazing Resistance		Required	Guaranteed	EN ISO 10545-11
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 | => 2100N	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	A	EN ISO 10545-13
	Lactic acid (5%)		A	
	Potassium hydroxide (100g/l)		A	
	Hydrochloric acid (3%)		A	
	Citric acid (100g/l)		A	
	Potassium hydroxide (30g/l)		A	
Resistance to cleaning products	ammonium chloride (100g/l)	Minimum Class B	A	
Resistance to pool additives	Sodium hypochlorite (20mg/l)		A	
Stain Resistance	Olive Oil	Minimum Class 3	5	EN ISO 10545-14
	Green Chromium/Iron oxide		5	
	Iodine		5	
Slip Resistance **		Test upon request	To be confirmed for each ref.	

* 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.