

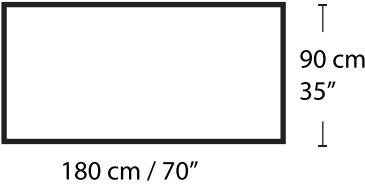


MONARCA BEIGE

Porcelanato esmaltado 90x180

Características Técnicas / Technical Features

EN 14411:2016 Ceramic tiles - Definition, classification, characteristics, assessment and verification of constancy of performance and marking Annex G Requirements for dry-pressed ceramic tiles with low water absorption of Group BIa ($E_b \leq 0,5 \%$)					
条款 Clause	性能 Properties	检验方法 Test Method	要求 Requirements	检验结果 Results	判定 Verdicts
A	尺寸和表面质量 Dimensions and surface quality				
A.1	长度 Length 每块砖的平均尺寸相对于工作尺寸的允许偏差 The deviation, of the average size for each tile (2 sides) from the work size	EN ISO 10545-2:2018	$\pm 0.6\%$	$-0.03\% \sim 0$	P
			$\pm 2.0\text{mm}$	$-0.5\text{mm} \sim 0$	P
	宽度 Width 每块砖的平均尺寸相对于工作尺寸的允许偏差 The deviation, of the average size for each tile (2 sides) from the work size	EN ISO 10545-2:2018	$\pm 0.6\%$	$+0.02\% \sim +0.04\%$	P
			$\pm 2.0\text{mm}$	$+0.2\text{mm} \sim +0.4\text{mm}$	P
A.2	厚度 Thickness 每块砖厚度的平均值相对于工作尺寸的最大允许偏差 The permissible deviation, of the average thickness of each tile from the work size thickness	EN ISO 10545-2:2018	$\pm 5\%$	$+1.6\% \sim +2.4\%$	P
			$\pm 0.5\text{mm}$	$+0.2\text{mm} \sim +0.3\text{mm}$	P
B	物理性能 Physical properties				
B.1	吸水率 质量分数 Water absorption Percent mass fraction	EN ISO 10545-3:2018	$E_b \leq 0.5\%$	0.08%	P
			单个值不大于 0.6% Individual maximum 0.6%	0.07% ~ 0.09%	P
B.2	破坏强度/N Breaking strength, in N	EN ISO 10545-4:2019	≥ 1300	3844	P
B.3	断裂模数/(N/mm ²) Modulus of rupture, in N/mm ² 不适用于破坏强度 $\geq 3000\text{N}$ 的陶瓷砖 Not applicable to tiles with breaking strength $\geq 3000\text{N}$	EN ISO 10545-4:2019	平均值 ≥ 35 Minimum 35	—	N/A
			单个值 ≥ 32 Individual minimum 32	—	N/A
B.4	耐磨性 Abrasion resistance 用于地面的有釉砖的表面耐磨性 Resistance to surface abrasion of glazed tiles intended for use on floors	EN ISO 10545-7:1998	报告耐磨级别 Report abrasion class	4 级 Class 4	—
			报告耐磨转数 Report cycles passed	2100	—
B.6	抗热震性 Thermal shock resistance	EN ISO 10545-9:2013	应通过此项测试 Pass	样品经试验, 无炸裂或裂纹 Fully resistance	P



10 mm de espesor



MURO



PISO



INTERIOR



PULIDO



JUNTA
2mm



6
CARAS

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B.7	抗釉裂性: 有釉砖 Crazing resistance: glazed tiles	EN ISO 10545-11:1996	应通过此项测试 Pass	样品经试验, 无裂纹或剥落 Fully resistance	P
B.8	抗冻性 Frost resistance	EN ISO 10545-12:1997	应通过此项测试 Pass	所有样品无裂纹或破损 Fully resistance	P
B.9	防滑性能 Slipperiness				
	防滑性能 Slipperiness	DIN 51130:2014	报告检验结果 Declared value	$\alpha_{ges}: <5.0^\circ$	—
				类别 Classification: /	—
	摆锤法, PTV 96 Pendulum friction test , PTV 96	CEN/TS 16165:2016 附录 C Annex C	报告检验结果 Declared value	干法 Dry: 59 湿法 Wet: 8	—
B.14	防火性能 Reaction to fire	无需测试 CWT	A1 or A1 _{FL} 级 Class A1 or A1 _{FL}	墙砖: A1 级 地砖: A1 _{fl} 级 Used for walls: Class A1 Used for floorings: Class A1 _{fl}	P