



JM Trading Internationals Co., Limited

Huaxia Ceramics Exhibition Plaza,
Nanzhuang Town, Foshan City, Guangdong Province, China

Polished Porcelain Tiles Technical Parameters			
NO.	Item		Technical requirements
1	Standards		GB/T 4100-2006, idt EN1441:2003, ISO13006:1998
2	Water absorption (E)		Average $E \leq 0.5\%$
3	Size and difference		$\pm 1.0\text{mm}$
4	Straightness of sides		$\pm 0.2\%$
5	Rectangularity		$\pm 0.2\%$
6	Surface flatness		Center curvature $\pm 0.2\%$ Warpage $\pm 0.2\%$ Edge Curvature $\pm 0.2\%$
7	Surface flatness	Delamination (except the fraud delamination)	A minimum of 95% of the tiles shall be free from visible defects that would impair the appearance of a major area of tiles
		Color difference	
		Other defections	
8	Breaking strength		$\geq 1300\text{N}$ (thickness $\geq 7.5\text{mm}$)
9	Modulus of rupture		Average 35MPA Individual 32MPA
10	Resistance to Thermal shock		No burst or crack appears after the test of resistance to thermal shock for 10 times
11	Resistance to deep abrasion removed volume		$\leq 175\text{mm}^3$
12	Resistance to household chemicals		Minimum UB
13	Resistance to acid		Report the class after being dipped in 3% HCL for 12 days, Class ULA
14	Resistance to alkali		Report the class after being dipped in 30g/L KOH for 12 days, Class ULA

15	Coefficient of friction	Report the coefficient of friction after the test, Dry:0.59, Wet:0.45
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