

Results of Inspection

Serial Number	Test Items	Unit	Test Method	Standard	Test Results	Judgement	
1	Straightness of sides	%	GB/T3810.2-2016	±0.5%	+0.01%~+0.03%	PASS	
		mm		±1.5mm	+0.06mm~+0.18mm		
2	Rectangularity	%		±0.5%	+0.02%~+0.04%		
		mm		±2.0mm	-0.13mm~+0.26mm		
3	Dimensions	Length		%	±0.6%	+0.01%~+0.01%	PASS
				mm	±2.0mm	-0.06mm~+0.08mm	
		Thickness		%	±0.5%	-1.68%~-0.42%	
				mm	±0.5mm	-0.16mm~-0.04mm	
		Central Curvature		%	±0.5%	+0.06%~+0.15%	PASS
				mm	±2.0mm	-0.54mm~+1.28mm	
Edge Curvature	%	±0.5%		+0.03%~+0.12%	PASS		
	mm	±2.0mm		-0.18mm~+0.74mm			
Warping Degree	%	±0.5%	+0.06%~+0.20%	PASS			
	mm	±2.0mm	-0.52mm~+1.76mm				
4	Surface Quality	---		A minimum of 95% of the tiles shall be free from visible defects that would impair the appearance of a major area of tiles	Conform	PASS	
5	Water Absorption	%	GB/T3810.3-2016	average $3 < E \leq 6$ individual maximum ≤ 6.5	average 4.47 individual 4.22~4.68	PASS	
6	Breaking Strength	N	GB/T3810.4-2016	≥ 1000	1633	PASS	
	Modulus of Rupture	MPa		average ≥ 22 individual ≥ 20	average 35.3 individual 34.9~36.7	PASS	
7	Abrasion Resistance	---	GB/T3810.7-2016	report the actual results	Abrasion class: 3 Cycles passed: 1500	---	
8	Resistance to Staining	Green staining agent in light oil	---	GB/T3810.14-2016	minimum class 3	Class 5	
		Iodine, 13g/L solution in alcohol					
		Olive oil					
9	Dynamic Coefficient of Friction	Dry		≥ 0.50	0.74	PASS	
		Wet			0.53		