

GLAZED PORCELAIN

PROPERTIES	UNIT		REQUIREMENTS		RESULT	
Size&Deviation	%	SIDE	The deviation, of the average size of each tile from the work size	± 0.5	-0.02 - +0.03	
			The deviation, of the average size of each tile from the work size of the 10 test specimens	± 0.4	-0.01 - +0.01	
			Thickness	± 5	-0.1 - +1.0	
Straightness of sides	%		± 0.2		-0.03 - +0.06	
Rectangularity	%		± 0.5		-0.06 - +0.03	
Surfate flatness	mm		Center curvature	± 0.4	-0.02 - +0.04	
			Warpage	± 0.4	-0.02 - +0.05	
			Side curvature	± 0.4	-0.08 - +0.05	
Surface quality	-	A minimum of 95% of the tiles shall be free from chip, crack speck and visible defects that would impair the appearance of major area of tiles			Complied	
Water absorption	%	Average: E ≤ 0.5			0.3%	
		Single piece: E ≤ 0.6			0.3%	
Breaking strength	N	When the thickness ≤ 7.5mm, the mean value shall not be less than 1300			2183	
Antl-slip	R	9			4	
Resistance to household chemical reagent & swimming pool alkali	-	No less than Class UB after test			Class GA	
Resistance to low concentration acid or alkali	-	Report the result after test			Class GLA	
Stain resistance	-	No less than Class 3 after test			Class 5	
Cerficient of static friction	-	Report the result after test			Wet	0.49
					Dry	0.57
Lead release Cadmiumm release	mg/dm	Report the result after test			No release	
	mg/L				No release	