









## 检验报告

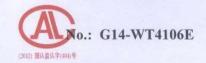
**Test Report** 

国家陶瓷及水暖且浴产品质量监督检验中心
National Center of Supervision and Inspection for Ceramic
Sanitary and Plumbing Fixture









## National Center of Supervision and Inspection for Ceramic Sanitary and Plumbing Fixture Test Report

Product Name,	Polished Tile	Date of Production ——						
<b>Model and Dimension</b>	600mm×600mm	Batch No.						
Trademark/Grade	FOSHAN ASTRAL CERAMIC/	Voucher No.	<u> </u>					
Entrusting Department	FOSHAN ASTRAL CERAMIC CO., LTD	Test Classification Entrusted To						
Entrusting Department Address	ZIDONGSEGMENI,NANZHUANG TOWN,CHANCHENG GUANGDONG							
Manufacturer (Supplied by the applicant)		Receival Date	2022-05-06					
Manufacturer Address (Supplied by the applicant)		Sample Receiver	Zhong Weimin					
Sample's State and Characteristic	The package is normal							
Test Basis	GB/T4100-2006 (Annex G) Ceramic Tiles Annex G Dry-pressed ceramic Low water absorption E ≤0.5% Group BIa—porcelain tiles; GB 6566-201 of radionuclides in building materials							
Test	GB/T 4100-2006 Annex G and the ty	The test results comply with the requirement of the standard GB/T 4100-2006 Annex G and the type A requirement for the decorative materials of the standard GB 6566-2010, the test is passed.						
		松砂丰田						
Result	MANUEL	2022-05-29						
Result	NOTE: Any duplicated copy will be invalid verstamped.	2022-05-29 without a red stamp spec	cially for inspection					

Approved by: 辽卓混

Checked by:

Tested by: 美岭绿



## National Center of Supervision and Inspection for Ceramic Sanitary and Philipping Fixture Test Report

No.: G14-WT4106E

Form No.: QR-049-02 Page 2 of 2

No.	Test Items	Unit	Technical Requirements				Test Results	Verdict	
1	Size and difference	mm		The devi	viation, of age size for from the 600±1.0		600.1~600.3	verdict	
		%	Length	The deviation, of the average size for each tile from the average size of the 10 test specimens		-0.02~+0.01	Pass 01		
		mm	Thickness				8.4~8.8	- Vi	
2	Straightness of sides	%	±0.2				-0.07~+0.09	Pass	
3	Rectangularity	%	±0.2			-0.07~+0.03	Pass		
	Surface flatness	%	Center c	urvature	±0.2	±0.2 +0.02~+0.0			
4			Warpage ±0.2		-0.02~+0.05	Pass			
			Edge cur	vature	±0.2		-0.07~+0.06		
5	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.				Conformed	Pass	
6	Water absorption	%	Average maximum 0.5 Individual maximum 0.6				0.07 0.06~0.07	Pass	
7	Breaking strength	N	When the thickness≥7.5mm, the mean value shall not be less than 1300				2113	Pass	
8	Modulus of rupture	MPa	Average minimum 35 Individual minimum 32				43 41~45	Pass	
9	Resistance to deep abrasion :Romoved Volume	mm <sup>3</sup>	Maximu	m 175	109	Pass			
0	Specular gloss		Minimum 55				86~89	Pass	
11	Frost resistance		No crack or peeling after the frost test				Conformed	Pass	
12	Resistance to household chemicals and swimming pool salts	_	Minimum UB			Class UA	Pass		
13	Internal exposure index I <sub>Ra</sub> (Decorative		Type A: I <sub>Ra</sub> ≤1.0			0.6	Type A		
	materials)  External exposure index I <sub>r</sub> (Decorative materials)	_	Type B: $I_{Ra} \le 1.3$ Type A: $I_r \le 1.3$ Type B: $I_r \le 1.9$ Type C: $I_r \le 2.8$					0.9	

Checked by : 3 5 5 3

Tested by: 吳峰鐸