NCCS
国家陶瓷及水暖卫浴中心

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检 验 报 告

Test Report

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

国家陶瓷及水暖卫浴产品质量监督检验中心 检验专用章

No.: G14-WT2546E

National Center of Supervision and Inspection for Ceramic Sanitary and Plumbing Fixture

Test Report

Form No.: QR-049-01A

Product Name, Model and Dimension Trademark/Grade	Polished Tile 600mm x 600mm	Date of Production	——
		Batch No.	——
		Voucher No.	——
Entrusting Department	FOSHAN KIVA CERAMICS CO.,LTD	Test Classification	Entrusted Test
Entrusting Department Address	NANZHUANG,CHANCHENG, FOSHAN,GUANGDONG,CHINA	Sample Quantity	17 PCS
Manufacturer (Supplied by the applicant)	FOSHAN KIVA CERAMICS CO.,LTD	Receival Date	2024-04-15
Manufacturer Address (Supplied by the applicant)	JINLI,GAOYAO,ZHAOQING, GUNAGDONG,CHINA	Sample Receiver	Li Dongping
Sample's State and Characteristic	Piece		
Test Basis	*GB/T4100-2006 (Annex G) Ceramic Tiles Annex G Dry-pressed ceramic tiles with Low water absorption E≤0.5% Group BIa—porcelain tiles; GB 6566-2010 Limit of radionuclides in building materials*		
Test Result	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. 检验专用章 2024-04-28 NOTE: Any duplicated copy will be invalid without a red stamp specially for inspection restamped.		
Remarks	The test report is only responsible for the sample.		

Approved by: 王卓强 Checked by: 吴伟强 Tested by: 陈锦强

National Center of Supervision and Inspection for Ceramic Sanitary and Plumbing Fixture

Test Report

No.: G14-WT2546E

Form No.: QR-049-02

No.	Test Items	Unit	Technical Requirements			Test Results	Verdict
1	Size and difference	mm	Length	The deviation, of the average size for each tile from the work size	600±1.0	600.1～600.2	Pass
		%		The deviation, of the average size for each tile from the average size of the 10 test specimens	±0.4	-0.01～+0.02	
		mm	Thickness			9.3～9.6	——
2	Straightness of sides	%	±0.2			-0.02～+0.05	Pass
3	Rectangularity	%	±0.2			-0.02～+0.05	Pass
4	Surface flatness	%	Center curvature	±0.2		-0.02～+0.04	Pass
			Warpage	±0.2		-0.02～+0.04	
			Edge curvature	±0.2		-0.02～+0.05	
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			0.06 0.05～0.08	Pass
7	Breaking strength	N	When the thickness≥7.5mm, the mean value shall not be less than 1300			1427	Pass
8	Modulus of rupture	MPa	Average minimum 35 Individual minimum 32			37 36～37	Pass
9	Resistance to deep abrasion :Romoved Volume	mm^3	Maximum 175			113	Pass
10	Specular gloss	——	Minimum 55			91～93	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_{Ra} (Decorative materials)	——	Type A: I_{Ra}≤1.0			0.4	Type A
			Type B: I_{Ra}≤1.3				
	External exposure index I_r (Decorative materials)	——	Type A: I_r≤1.3			0.7	
			Type B: I_r≤1.9				
			Type C: I_r≤2.8				

Checked by : Tested by :