



No.: G11-WT7635E

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

Form No.: QR-049-01A

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Product Name, Model and Dimension	Pittura Series 600mm×600mm	Date of Production	—
Trademark/Grade		Batch No.	—
		Voucher No.	—
Entrusting Department		Test Classification	Entrusted Test
Entrusting Department Address		Sample Quantity	4 CTNS
Manufacturer (Supplied by the applicant)	—	Receival Date	2011-11-25
Manufacturer Address (Supplied by the applicant)	—	Sample Receiver	Wu Guoxiong
Sample's State and Characteristic	Normal (Glazed)		
Test Basis	GB/T4100-2006 (Annex G) «Ceramic Tiles Annex G Dry-pressed ceramic tiles with Low water absorption E≤0.5% Group Bla—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. 2011-12-07 NOTE: Any duplicated copy will be invalid without a red stamp specially for inspection restamped.		
Remarks	_____		

Approved by:

Checked by:

Tested by:



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Ceramic Sanitary and Plumbing Fixtures

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Form No.: QR-049-02

No.	Test Items	Unit	Technical Requirements			Test Results	Decision		
1	Size and difference	% mm	Length	The deviation, of the average size for each tile from the work size	± 0.5	+0.02~+0.07			
				The deviation, of the average size for each tile from the average size of the 10 test specimens	± 0.4	-0.01~+0.03	Pass		
				Thickness		9.7~10.0	—		
2	Straightness of sides	%		± 0.3		-0.04~+0.05	Pass		
3	Rectangularity	%		± 0.5		-0.05~+0.07	Pass		
4	Surface flatness	%	Center curvature	± 0.4		-0.04~+0.06			
			Warpage	± 0.4		-0.05~+0.04			
			Edge curvature	± 0.4		-0.05~+0.07	Pass		
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			0.28 0.24~0.34	Pass		
7	Breaking strength	N	When the thickness $\geq 7.5\text{mm}$, the mean value shall not be less than 1300			1744	Pass		
8	Modulus of rupture	MPa	Average minimum 35 Individual minimum 32			37 36~39	Pass		
9	Crazing resistance	—	No crazing or peeling on the glazed surface after the crazing test.			Conformed	Pass		
10	Resistance to staining	—	Minimum Class 3			Class 5	Pass		
11	Resistance to household chemicals and swimming pool salts	—	Minimum GB			Class GA	Pass		
12	Internal exposure index I_{Ra} (Decorative materials)	—	Type A: $I_{Ra} \leq 1.0$			0.6	Type A		
			Type B: $I_{Ra} \leq 1.3$						
	External exposure index I_e (Decorative materials)	—	Type A: $I_e \leq 1.3$ Type B: $I_e \leq 1.9$ Type C: $I_e \leq 2.8$			0.8			

Checked by :

Tested by :