




No.: G14-WT5426E

(2012) 国认监认字(404)号

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

Form No.: QR-049-01A

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Product Name, Model and Dimension Trademark/Grade	RUSTIC TILES 600mm×600mm —/—	Date of Production	—
		Batch No.	—
		Voucher No.	—
Entrusting Department		Test Classification	Entrusted Test
Entrusting Department Address		Sample Quantity	24 PCS
Manufacturer (Supplied by the applicant)		Receival Date	2014-07-18
Manufacturer Address (Supplied by the applicant)		Sample Receiver	Li Dongping
Sample's State and Characteristic	Piece (Glazed)		
Test Basis	GB/T4100-2006 (Annex G) Ceramic Tiles Annex G Dry-pressed ceramic tiles with Low water absorption $E \leq 0.5\%$ Group BIa—porcelain tiles		
Test Result	<p>Except the test items No.13~No.21 are not verdict, the test results comply with the requirement of the standard GB/T 4100-2006 Annex G, the test is passed.</p> <p>NOTE: Any duplicated copy will be invalid without a red stamp for inspection restamped.</p> 		
Remarks	The test report is only responsible for the sample.		

Approved by: 王卓昆

Checked by: 吴静

Tested by: 何锐军



**National Center of Supervision and Inspection for Ceramic
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Form No.: QR-049-02

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No.	Test Items	Unit	Technical Requirements		Test Results	Verdict
1	Size and difference	%	Length	The deviation, of the average size for each tile from the work size ± 0.5	+0.03~+0.07	Pass
				The deviation, of the average size for each tile from the average size of the 10 test specimens ± 0.4	-0.01~+0.01	
		mm	Thickness		8.8~8.9	—
2	Straightness of sides	%	± 0.3		-0.05~+0.07	Pass
3	Rectangularity	%	± 0.5		-0.03~+0.06	Pass
4	Surface flatness	%	Center curvature	± 0.4	-0.04~+0.04	Pass
			Warpage	± 0.4	-0.05~+0.04	
			Edge curvature	± 0.4	-0.08~+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		0.43 0.38~0.47	Pass
7	Breaking strength	N	When the thickness $\geq 7.5\text{mm}$, the mean value shall not be less than 1300		1660	Pass
8	Modulus of rupture	MPa	Average minimum 35 Individual minimum 32		38 37~39	Pass
9	Crazing resistance	—	No crazing or peeling on the glazed surface after the crazing test.		Conformed	Pass
10	Frost resistance	—	No crack or peeling after the frost test		Conformed	Pass
11	Resistance to staining	—	Minimum class 3		Class 5	Pass
12	Resistance to household chemicals & swimming pool salts	—	Minimum GB		Class GA	Pass

Checked by : 吴世强

Tested by : 何锐军

检验合格



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No.	Test Items	Unit	Technical Requirements	Test Results		Verdict
13	Resistance to thermal shock	—	Report the test result after test	No crack		—
14	Resistance to low concentrations of acids and alkalis	—	Manufacturer to state classification	Class GLA		—
15	Surface abrasion	—	Report abrasion class and cycles passed	1500 cycles	Class 3	—
16	Coefficient of linear thermal expansion	°C ⁻¹	Report the coefficient of linear thermal expansion	6.9×10^{-6}		—
17	Moisture expansion	%	Report the test result after test	<0.01		—
18	Impact resistance	—	Report the average resiliency coefficient	0.85		—
19	Static coefficient of friction	—	Report the value after the test	Dry	0.63	—
				Wet	0.50	
20	Lead release	mg/L	Report the release	<0.1		—
21	Cadmium release	mg/L	Report the release	<0.01		—

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九品质量

专用章