



国家陶瓷及水暖卫浴产品质量监督检验中心



150002113069



(2015)国认监认字(404)号



中国认可
国际互认
检测

TESTING
CNAS L1401

No. G19-CJ0185E

National Center of Supervision and Inspection for Ceramic

Sanitary and Plumbing Fixture

Test Report

Form No.: QR-CX049-01A/Ed.11.0

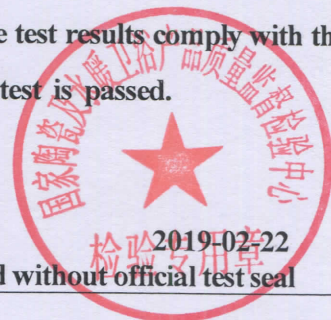
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Product name, Model, Specification, Trademark, Grade	Rustic Tile 1200mm×600mm×5.9mm Guanzhu /Premium Grade	Production Date, Production Batch	—
		Sample (sampling) Number	—
		Sample List Number	—
Task Source	—	Test Category	Sampling Test
Sample Supplier	Guangdong Newpearl Ceramics Group Co., Ltd.	Sampler	Wu Guoxiong Zhong Weimin
		Sample Cardinal Number	1100 CTNS
Sample Supplier Address	Nanzhuang town, Chancheng district, FoShan city	Sample Quantity	60 PCS
Manufacturer	FOSHAN SANSHUI GUANZHU CERAMICS CO., LTD	Sampling Date	2018-12-27
Manufacturer Address	Dalang Dengkengcun, Village committee, Zhou Village, Baini Town, Sanshui District, Foshan City, Guangdong, China	Sample Received Date	2018-12-27
Sampling Execution Department	Foshan Supervision Testing Centre of Quality and Metrology	Spare Sample Quantity	30 PCS
Sampling Site	Warehouse of Factory	Test Quantity	30 PCS
Sample Character and State	Normal (Glazed)	Test Date	2018-12-27 ~ 2019-02-22
Inspection Standards	ISO 13006: 2012 (Annex G) Ceramic Tiles Annex G (normative) Dry-pressed ceramic tiles with low water absorption $E_b \leq 0.5\%$ Group BIa		
Conclusion	<p>Except the test items No.12~No.20 are not verdict, the test results comply with the requirement of the standard ISO 13006:2012 Annex G, the test is passed.</p> <p>Any copy of test report is invalid without official test seal</p>		
Remarks	—		

Approved by: 曹 阳

Checked by: 吴 静

Tested by: 吴 静





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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	±0.6	-0.02~+0.02	Pass
		mm			±2.0	-0.2~+0.2	
		%	Width	The deviation, of the average size for each tile from the work size	±0.6	+0.05~+0.10	
		mm			±2.0	+0.3~+0.6	
		%	Thickness	The deviation, of the average thickness of each tile from the work size thickness	±5	0~+3.4	
		mm			±0.5	0~+0.2	
2	Straightness of sides	%	±0.5			-0.04~+0.05	Pass
		mm	±1.5			-0.27~+0.32	
3	Rectangularity	%	±0.5			-0.04~+0.04	Pass
		mm	±2.0			-0.35~+0.33	
4	Surface flatness	%	Edge curvature	±0.5	-0.04~+0.05	Pass	
		mm		±2.0	-0.33~+0.46		
		%	Warpage	±0.5	-0.03~+0.02		
		mm		±2.0	-0.46~+0.32		
		%	Center curvature	±0.5	-0.03~+0.04		
		mm		±2.0	-0.34~+0.53		
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 0.04~0.07	Pass
7	Breaking strength	N	When the thickness≤7.5mm, the mean value shall not be less than700			851	Pass
8	Modulus of rupture	MPa	Average minimum 35 Individual minimum 32			43 41~45	Pass
9	Crazing resistance	——	No crazing or peeling on the glazed surface after the crazing test.			Conformed	Pass
10	Resistance to staining	———	Mininum class 3			Class 5	Pass
11	Resistance to household chemicals & swimming pool salts	———	Minimum B			Class A	Pass



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No.	Test Items	Unit	Technical Requirements	Test Results		Verdict
12	Frost resistance	——	Report the test result after frost resistance test	No crack		——
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 LA		——
15	Surface abrasion	——	Report abrasion class and cycles passed	600 cycles	Class 2	——
16	Coefficient of linear thermal expansion	℃ ⁻¹	Report the coefficient of linear thermal expansion	6.7×10 ⁻⁶		——
17	Moisture expansion	%	Report the test result after test	<0.01		——
18	Impact resistance	——	Report the average resiliency coefficient	0.83		——
19	Lead release	mg/dm ²	Report the release	<0.02		——
		mg/L		<0.5		
20	Cadmium release	mg/dm ²	Report the release	<0.002		——
		mg/L		<0.05		

(The End)



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(2015)国认监认字(4)



声明



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1. 报告无主检、审核、批准人签章和“检验专用章”无效。
2. 报告涂改、缺页或骑缝处未盖“检验专用章”、复印后未重新加盖红色“检验专用章”，本报告无效。未经本机构书面批准不得部分复制报告。
3. 委托检验报告仅对收到的样品负责。未经本检验机构同意，委托人不得擅自使用检验结果进行不当宣传。
4. 对检验报告有异议，请在收到报告之日起15天内以书面形式提出，逾期视为认同检验结果。
5. 经本检验机构签发的检验报告可以通过手机扫描报告上的二维码进行网上查询真伪。如需查询完整报告内容请致电业务联系电话0757-88735333、88735222。

Declaration

1. Report without signature of inspector, verifier and approver and “specific seal for test report” is invalid.
2. Report is invalid in case it is altered, incomplete pages, without across-page seal, duplicate without “specific seal for test report”. Report can not be partial copied without written approval.
3. Entrusted test report is responsible for the samples received only. Test results can not be improper propagated without written approval.
4. In case of any disagreement, applicant shall make a request in written form within 15 days on receiving the report; otherwise test result shall be accepted.
5. Test report that issued by our lab can be verified by scanning the QR code. For any enquiry about full report content, please contact 0757-88735333, 88735222.

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