



国家陶瓷及水暖卫浴产品质量监督检验中心

G17-CJ2465G



150002113069



(2015)国认监认字(404)号



中国认可
国际互认
检测
TESTING
CNAS L1401

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

检验专用章



中国认可
国际互认
检测
TESTING
CNAS L11464

No.: G17-CJ2465G

National Center of Supervision and Inspection for Ceramic

Sanitary and Plumbing Fixture Test Report

Form No.: QR-CX049-01/Ed.10.1

Page 1 of 2

Product name, Model, Specification, Trademark, Grade	BIANCO MATT 600mm×1200mm×10.5mm	Production Date, Production Batch	2019-12
		Sample (sampling) Number	----
		Sample List Number	----
Task Source	----	Test Category	Sampling Test
Sample Supplier	Expocasa s.a.s	Sampler	Zhong Weimin Wu Guoxiong
		Sample Cardinal Number	3600 CTNS
Sample Supplier Address	Via C. Cerato14 – 35122 Padova Italy	Sample Quantity	60 PCS
Manufacturer	Kaiping Kunen Building Materials Co.,Ltd	Sampling Date	2020-05-15
Manufacturer Address	Datong Industrial Zone, Jinji Town, Kaiping, Guangdong	Sample Received Date	2020-05-16
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	2020-05-18 ~ 2020-06-06
Inspection Standards	<i>GB/T4100-2015 (Annex G) Ceramic Tiles Annex G Dry-pressed ceramic tiles with Low water absorption $0.5\% \leq E \leq 3\%$ Group BIb; GB 6566-2010 Limit of radionuclides in building materials</i>		
Conclusion	The test results comply with the requirement of the standard GB/T 4100-2015 Annex G and the type A requirement for the decorative materials of the standard GB 6566-2010.		
Remarks	-----		



Approved by: 王卓昆

Checked by: 吴松

Tested by: 吴松

Any copy of test report is invalid without official test seal



1500021130

Sanitary and Plumbing Fixture

Test Report

No.: G17-CJ2465G

Form No.: QR-CX049-02/Ed.10.1

Page 2 of 2

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			Maximum ±2.0	-0.2~+0.3		
		%	Width	The deviation, of the average size for each tile from the work size	±0.6	-0.03~+0.07		
		mm			Maximum ±2.0	-0.2~+0.4		
		mm	Thickness	The deviation, of the average size for each tile from the work size	Worksize ≤ 13.5			10.5
		%			±5	0~+1.8		
mm	Maximum ±0.5	0~+0.2						
2	Straightness of sides	%	±0.5		-0.03~+0.04	Pass		
		mm	Maximum ±1.5		-0.29~+0.34			
3	Rectangularity	%	±0.5		-0.04~+0.04	Pass		
		mm	Maximum ±2.0		-0.31~+0.35			
4	Surface flatness	mm	Convexity	≤ 2.0	0.4	Pass		
			Concave	≤ 2.0	0.3			
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 $0.5 \leq E \leq 3\%$ Individual maximum 3.3		1.61 1.50~1.76	Pass		
7	Breaking strength	N	When the thickness ≥ 7.5mm, the mean value shall not be less than 1300		2706	Pass		
8	Modulus of rupture	MPa	Average minimum 35 Individual minimum 32		39 38~40	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		
13	Static coefficient of friction	—	≥ 0.50		Dry 0.62~0.64	Pass		
14	Internal exposure index I_{Ra}	—	Decorative materials Type A: $I_{Ra} \leq 1.0$		0.6	Type A		
			Decorative materials Type B: $I_{Ra} \leq 1.3$					
	External exposure index I_r	—	Decorative materials Type A: $I_r \leq 1.3$		0.9			
			Decorative materials Type B: $I_r \leq 1.9$					
		Decorative materials Type C: $I_r \leq 2.8$						

(The End)