



(2018)国认监认字(160)号



中国认可
国际互认
检测
TESTING
CNAS L0106

INSPECTION REPORT

No: 20010126

PRODUCT	Porcelain Panel (Glazed Semi-polished)
NOMINAL SIZE	900mm×1800mm×5.5mm
TRADE MARK	MONALISA
CLIENT	Monalisa Group Co., Ltd.
INSPECTION TYPE	Sampling

China Building Materials Test & Certification Group (Shaanxi) Co., Ltd.
National Quality Supervision Inspection Center of Building and Sanitary Ceramics CHINA



ATTENTION

1. This inspection report should be invalid without the special signet of the testing body.
2. Any copy of the report should be invalid except for signet on the testing body again.
3. This report should be invalid in case one of the three of Main-Inspector, auditor, approver was absent.
4. This report should be invalid if altered.
5. Any objection should be raised to the testing body in fifteen days after reception, it would be rejected if late.
6. The report is only responsible for the commissioned samples in commission inspection.



Address: China Building Material Certification Tower, Wangsi Street, Fengdong in Xixian New Area, Shaanxi, China

Contact: 0086-29-68225880

Report Enquiry: 0086-29-68225839

Fax: 0086-29-68225881

Zip Code: 710116

Http: [//www.ceramicstest.com](http://www.ceramicstest.com)

E-mail: shxctc@163.com

INSPECTION REPORT

No: 20010126

1 of 2

Product	Porcelain Panel (Glazed Semi-polished)	Nominal Size	900mm × 1800mm × 5.5mm
		Work Size	900mm × 1800mm × 5.5mm
Client	Monalisa Group Co., Ltd.	Client Address	Xiqiao Textile Industrial Zone, Nanhai District, Foshan, Guangdong, China
Manufacturer	Monalisa Group Co., Ltd.	Manufacturer Address	Xiqiao Textile Industrial Zone, Nanhai District, Foshan, Guangdong, China
Inspection Standard	ISO 13006:2018 GB 6566-2010 HJ/T 297-2006 Refer to JC/T 872-2000	Determination Standard	ISO 13006:2018 GB 6566-2010 HJ/T 297-2006 Refer to JC/T 872-2000
Trade Mark	MONALISA	Inspection Type	Sampling
Classification	B I a		
Sampler	Ma Zhuan E, Lei Ying	Sampling Date	2020.01.01
Sampling Base	6000 boxes	Sampling Site	Storehouse of manufacturer
Sample Quantities	4 boxes (12 pieces)	Inspection Item	See page 2
Production Date / Batch	2019.10	Inspection Site	China Building Material Certification Tower, Wangsi Street, Fengdong in Xixian New Area, Shaanxi, China
Receive Date	2020.01.07	Inspection Date	2020.01.07~2020.03.25
Sample Description	Glazed and even surface		
Inspection Conclusion	<p>According to standard of Annex G of ISO 13006:2018 <i>Ceramic tiles-Definitions, classification, characteristics and marking</i>, inspecting 19 properties of the product. The result testifies that 19 properties of the product reaches the requirements of the standard.</p> <p>According to standard of GB 6566-2010 <i>Limit of radionuclides in building materials</i> test. The result testifies that the product reaches class A requirements of the standard.</p> <p>According to standard of HJ/T 297-2006 <i>Specifications for environmental labeling products-ceramics tiles</i>, inspecting content of resolvable Pb and content of resolvable Cd. The result testifies that 2 properties of the product reaches requirements of the standard.</p> <p>Refer to standard of JC/T 872-2000 <i>Glass-ceramics for building decoration</i>, inspecting the scratch hardness of surface according to mohs of 5.5.2. The result testifies that the mohs is 6 Class.</p>		
Notes			



Signet:

Issued Date: 2020.03.25

Approver:

(Signature)

Auditor:

(Signature)

Main-Inspector:

(Signature)

INSPECTION REPORT

No:20010126

2 of 2

No.	Properties		Test	Requirements	Result	Determinant
1	Length		ISO 10545-2:2018	$\pm 0.3\%$, ± 1.0 mm n=10, Ac=0, Re=2	+0.01%~+0.02% +0.20 mm~+0.37 mm d=0	Pass
2	Width		ISO 10545-2:2018	$\pm 0.3\%$, ± 1.0 mm n=10, Ac=0, Re=2	+0.02%~+0.03% +0.15 mm~+0.26 mm d=0	Pass
3	Thickness		ISO 10545-2:2018	$\pm 5\%$, ± 0.5 mm n=10, Ac=0, Re=2	+1.82%~+3.82% +0.10 mm~+0.21 mm d=0	Pass
4	Straightness of sides		ISO 10545-2:2018	$\pm 0.3\%$, ± 0.8 mm n=10, Ac=0, Re=2	-0.01%~+0.01% -0.24 mm~+0.08 mm d=0	Pass
5	Rectangularity		ISO 10545-2:2018	$\pm 0.3\%$, ± 1.5 mm n=10, Ac=0, Re=2	---	---
6	Center curvature		ISO 10545-2:2018	$\pm 0.4\%$, ± 1.8 mm n=10, Ac=0, Re=2	-0.01%~0.00% -0.26 mm~-0.09 mm d=0	Pass
7	Edge curvature		ISO 10545-2:2018	$\pm 0.4\%$, ± 1.8 mm n=10, Ac=0, Re=2	-0.01%~+0.01% -0.25 mm~+0.08 mm d=0	Pass
8	Warpage		ISO 10545-2:2018	$\pm 0.4\%$, ± 1.8 mm n=10, Ac=0, Re=2	---	---
9	Surface quality		ISO 10545-2:2018	A minimum of 95 % of the tiles are to be free from visible defects which can impair the appearance of a major area of tiles	No visible defects	Pass
10	Water absorption (%)		ISO 10545-3:2018	Average: $E_v \leq 0.5$ Individual: $E_v \leq 0.6$ n=5, Ac=0, Re=2	Average: 0.05 Individual: 0.03~0.07 d=0	Pass
11	Breaking strength (N)		ISO 10545-4:2019	Thickness ≥ 7.5 mm, ≥ 1300 Thickness < 7.5 mm, ≥ 700	Average: 1071	Pass
12	Modulus of rupture (MPa)		ISO 10545-4:2019	Average: ≥ 35 Individual: ≥ 32 n=7, Ac=0, Re=2	Average: 56 Individual minimum: 53 d=0	Pass
13	Abrasion resistance		ISO 10545-7:2014	Report the result of test	4 Class (2100 cycles)	
14	Thermal shock resistance		ISO 10545-9:2013	No crack or crazing n=5, Ac=0, Re=2	No crack and crazing d=0	Pass
15	Crazing resistance		ISO 10545-11:1994	No crazing on glazed surface n=5, Ac=0, Re=2	No crazing d=0	Pass
16	Frost resistance		ISO 10545-12:1994	No crazing or peeling n=10, Ac=0, Re=1	No crazing and peeling d=0	Pass
17	Moisture expansion (mm/m)		ISO 10545-10:1995	Report the result of test	0.04	
18	Impact resistance		ISO 10545-5:1996	Report the result of test	0.62	
19	Resistance to staining		ISO 10545-14:2015	Minimum 3 Class n=5, Ac=0, Re=2	5 Class d=0	Pass
20	Resistance to chemicals (Class)	Low concentration acids & alkalis	ISO 10545-13:2016	LA, LB, LC	LA	
		High concentration acids & alkalis		HA, HB, HC	HA	
		Household chemicals and swimming pool salts		Minimum B n=5,Ac=0,Re=2	A d=0	Pass
21	Lead and cadmium release (mg/dm ²)		ISO 10545-15:1995	Report the result of test	Lead release: 0.015 Cadmium release: 0.003	
22	Limit of radionuclides		Item 4. of GB 6566-2010	Class A: $I_{Ra} \leq 1.0$, $I_{\gamma} \leq 1.3$ Class B: $I_{Ra} \leq 1.3$, $I_{\gamma} \leq 1.9$ Class C: $I_{\gamma} \leq 2.8$	$I_{Ra}=0.4$ $I_{\gamma}=0.8$	Class A
23	content of resolvable Pb (mg/kg)		HJ/T 297-2006 Annex A	≤ 20	3.0	Pass
24	content of resolvable Cd (mg/kg)		HJ/T 297-2006 Annex A	≤ 5	0.3	Pass
25	Scratch hardness of surface according to mohs		Item 6.5.4. of JC/T 872-2000	5~6 class	6 Class	Pass
Note						

(Nothing below)