



中国认可
国际互认
检测
TESTING
CNAS L1978



190000122473

TEST REPORT

REPORT NO. : 25202004722

SAMPLES: GLAZED CERAMIC MOSAIC

APPLICANT: FOSHAN GLOBAL BRIDGE BUILDING
MATERIALS CO., LTD.

DATE OF TEST: 06/11/2020 – 16/11/2020 (dd/mm/yy)


STATE KEY TESTING LABORATORY OF BUILDING CERAMICS AND SANITARY WARE
COMPREHENSIVE TECHNOLOGY CENTRE OF FOSHAN CUSTOMS



TEST REPORT

Report No: 25202004722

Page 2 of 5

Name of sample	GLAZED CERAMIC MOSAIC	Nominal size (N)	Length of sheet: 306mm×306mm Length of mosaic: 48mm×48mm
Nature of the surface	Glazed (GL)	Work size (S_w)	—
Classification	Group B I a, rectified tiles	Description of Samples	The samples are sound, intact and fit for test.
Mark of samples	48T	Quantity of samples	20 Sheets
Applicant	FOSHAN GLOBAL BRIDGE BUILDING MATERIALS CO., LTD.	Address of applicant	NO.6 BUILDING, HUIZHAN 2ND RING ROAD, HUAXIA CERAMIC EXPOSITION CITY, NANZHUANG TOWN, CHANCHENG DISTRICT, FOSHAN CITY, GUANGDONG, CHINA.
Telephone of applicant	86-757-89985233-820	Fax of applicant	—
Source of Samples	Samples selected by applicant	Received on	04/11/2020
Test Standard	ISO 13006:2018 <i>Ceramic tiles – Definitions, classification, characteristics and marking</i> Annex G Dry-pressed ceramic tiles with low water absorption $E_v \leq 0,5$ % Group B I a		
Conclusion of Test	The results conform to the requirement of Annex G of standard ISO 13006:2018 with respect to the test items.		
Stamp of Test Unit	 <p>Date: 19/11/2020 (5)</p>	Address of Test Unit	Address: 2/F, Building 18, Lanshi International Metal Exchange Center, Kuiqiyi Road, Chancheng District, Foshan, Guangdong, China (528000) Tel: 86-757-83960558 86-757-83827991 Fax: 86-757-83827971 E-mail: fsiqtc@163.com Url: http://www.fsiqtc.com/
Notes	1、 All inspections are carried out conscientiously to the best of our knowledge and ability. This report does not in any respect absolve the other related parties from his contractual and legal obligations. 2、 This report shall not be reproduced, except in full, without the prior written approval from the issuing laboratory. 3、 The results in this report apply to the samples only. 4、 The sample information are declared by applicant, and laboratory is not responsible for the authenticity.		

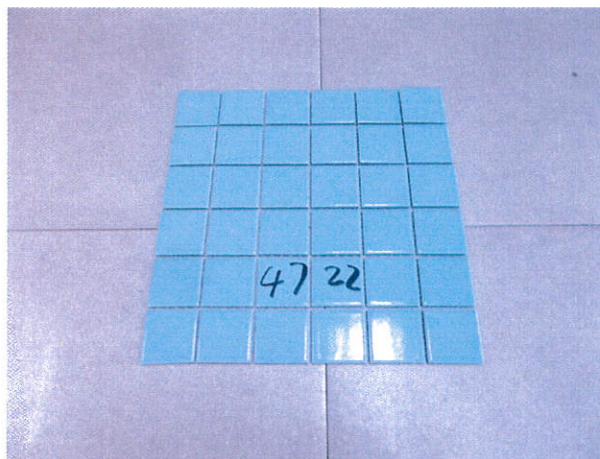
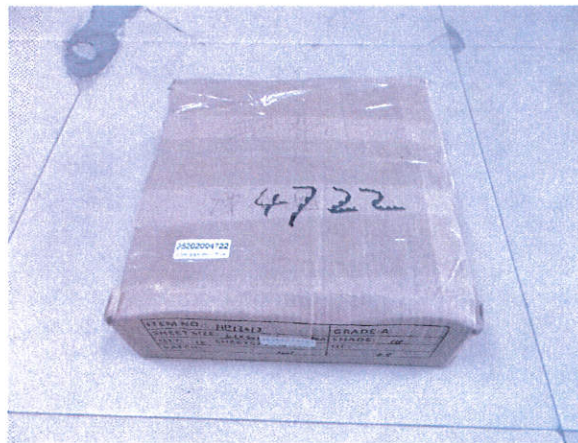
Tested by 柳明 Inspected by 李林 Approved by 肖思仁

TEST REPORT

Report No: 25202004722

Page 3 of 5

Photo of Samples



001
综
测专
D

TEST REPORT

Report No: 25202004722

Page 4 of 5

ISO 13006:2018 Ceramic tiles – Definitions, classification, characteristics and marking					
Clause	Properties	Test Method	Requirements	Results	Verdicts
Annex G Table G.1	Physical properties				
	Water absorption Percent mass fraction	ISO 10545-3:2018	$E_v \leq 0.5\%$	0.08%	P
			Individual maximum 0.6%	0.07%~0.09%	P
	Breaking strength, in N	ISO 10545-4:2019	≥ 700	1145	P
	Modulus of rupture, in N/mm² Not applicable to tiles with breaking strength $\geq 3000\text{N}$	ISO 10545-4:2019	Minimum 35	68.7	P
			Individual minimum 32	63.2~72.1	P
	Abrasion resistance Resistance to surface abrasion of glazed tiles intended for use on floors	ISO 10545-7:1996	Report abrasion class	Class 3	—
			Report cycles passed	750	—
	Thermal shock resistance	ISO 10545-9:2013	Test method available	Fully resistance	—
	Crazing resistance: glazed tiles	ISO 10545-11:1994	Required	Fully resistance	P
	Frost resistance	ISO 10545-12: 1995/Cor1:1997	Required	Fully resistance	P
	Chemical properties				
	Resistance to staining				
	a) Green staining agent in light oil	ISO 10545-14:2015	Minimum Class 3	Class 5	P
	b) Red staining agent in light oil	ISO 10545-14:2015	Minimum Class 3	Class 5	P
c) Iodine, 13g/L solution in alcohol	ISO 10545-14:2015	Minimum Class 3	Class 5	P	
d) Olive oil	ISO 10545-14:2015	Minimum Class 3	Class 5	P	
Resistance to chemicals					
Resistance to household chemicals and swimming pool salts					
a) Household chemicals: Ammonium chloride, 100g/L	ISO 10545-13:2016	Minimum B	A	P	
b) Swimming pool salts: Sodium hypochlorite solution, 20mg/L	ISO 10545-13:2016	Minimum B	A	P	
Resistance to low concentrations of acids and alkalis					
a) Hydrochloric acid solution, 3% (v/v)	ISO 10545-13:2016	Manufacturer to state classification	LA	—	

TEST REPORT

Report No: 25202004722

Page 5 of 5

ISO 13006:2018 Ceramic tiles – Definitions, classification, characteristics and marking

Clause	Properties	Test Method	Requirements	Results	Verdicts
Annex G Table G.1	b) Citric acid solution, 100g/L	ISO 10545-13:2016	Manufacturer to state classification	LA	—
	c) Potassium hydroxide, 30g/L	ISO 10545-13:2016	Manufacturer to state classification	LA	—
	Resistance to high concentrations of acids and alkalis				
	a) Hydrochloric acid solution, 18% (v/v)	ISO 10545-13:2016	Test method available	HA	—
	b) Lactic acid, 5 % (v/v)	ISO 10545-13:2016	Test method available	HA	—
	c) Potassium hydroxide, 100g/L	ISO 10545-13:2016	Test method available	HA	—
	Lead and Cadmium release				
	a) Lead release, in mg/dm ²	ISO 10545-15:1995	Test method available	<0.02mg/dm ²	—
	b) Cadmium release, in mg/dm ²	ISO 10545-15:1995	Test method available	<0.003mg/dm ²	—

Possible test case verdicts

1. P(ass) : Test item does meet the requirement.
2. F(ail) : Test item does not meet the requirement.
3. —: Verdict was not carried out.
4. N/A : Test case does not apply to the test item.

*** **

End of Test Report

