



中国认可  
国际互认  
检测  
TESTING  
CNAS L1978



# TEST REPORT

REPORT NO. : 25201800968

NAME OF SAMPLE: CRACK GLAZED CERAMIC MOSAIC

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

DATE OF TEST: 01/03/2018 – 07/03/2018 (dd/mm/yy)

STATE KEY TESTING LABORATORY OF BUILDING CERAMICS AND SANITARY WARE  
INSPECTION AND QUARANTINE COMPREHENSIVE TECHNOLOGY CENTRE OF  
FOSHAN ENTRY-EXIT INSPECTION & QUARANTINE BUREAU









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Photo of Samples





**INSPECTION AND QUARANTINE COMPREHENSIVE TECHNOLOGY CENTRE OF  
FOSHAN ENTRY-EXIT INSPECTION & QUARANTINE BUREAU**

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ISO 13006:2012 *Ceramic tiles – Definitions, classification, characteristics and marking*

Clause	Properties	Test Method	Requirements	Results	Verdicts
Annex G Table G.1	<b>Physical property</b>				
	<b>Water absorption</b> Percent mass fraction	ISO 10545-3: 1995/Cor.1:1997	$E_b \leq 0.5\%$	0.05%	P
			Individual maximum 0.6%	0.03%~0.07%	P
	<b>Thermal shock resistance</b>	ISO 10545-9:2013	Test method available	Fully resistance	—
	<b>Frost resistance</b>	ISO 10545-12: 1995/Cor1:1997	Required	Fully resistance	P
	<b>Chemical property</b>				
	<b>Resistance to staining</b>				
	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
	<b>Resistance to chemicals</b>				
	Resistance to household chemicals and swimming pool salts				
	a) Household chemicals: Ammonium chloride, 100g/L	ISO 10545-13:2016	Minimum GB	A	P
	b) Swimming pool salts: Sodium hypochlorite solution, 20mg/L	ISO 10545-13:2016	Minimum GB	A	P
	Resistance to low concentrations of acids and alkalis				
	a) Potassium hydroxide, 30g/L	ISO 10545-13:2016	Manufacturer to state classification	LA	—
	Resistance to high concentrations of acids and alkalis				
	a) Potassium hydroxide, 100g/L	ISO 10545-13:2016	Test method available	HA	—
<b>Lead and Cadmium release</b>					
a) Cadmium release, in mg/dm <sup>2</sup>	ISO 10545-15:1995	Test method available	<0.002	—	

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.

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End of Test Report