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检测
TESTING
CNAS L1978



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TEST REPORT

REPORT NO. : 25201800970

NAME OF SAMPLE: CRYSTAL 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




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

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Name of sample	CRYSTAL MOSAIC	Nominal size (N)	30cm×30cm
Nature of the surface	Unglazed (UGL)	Work size (S_w)	300mm×300mm×8mm
Group	B I a	Description of Samples	The samples are sound, intact and fit for test.
Mark of samples	8CB313	Quantity of samples	30 Pieces
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	86-757-88023705	Fax of Applicant	86-757-85396111
Source of Samples	Samples selected by applicant	Received on	28/02/2018
Test Standard	ISO 13006:2012 <i>Ceramic tiles – Definitions, classification, characteristics and marking</i> Annex G Dry-pressed ceramic tiles with low water absorption $E_b \leq 0,5\%$ Group B I a		
Conclusion of Test	The results conform to the requirement of Annex G of standard ISO 13006:2012 with respect to the test items.		
Stamp of Test Unit	 <p>Date: 20/03/2018</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.		

Tested by

Inspected by

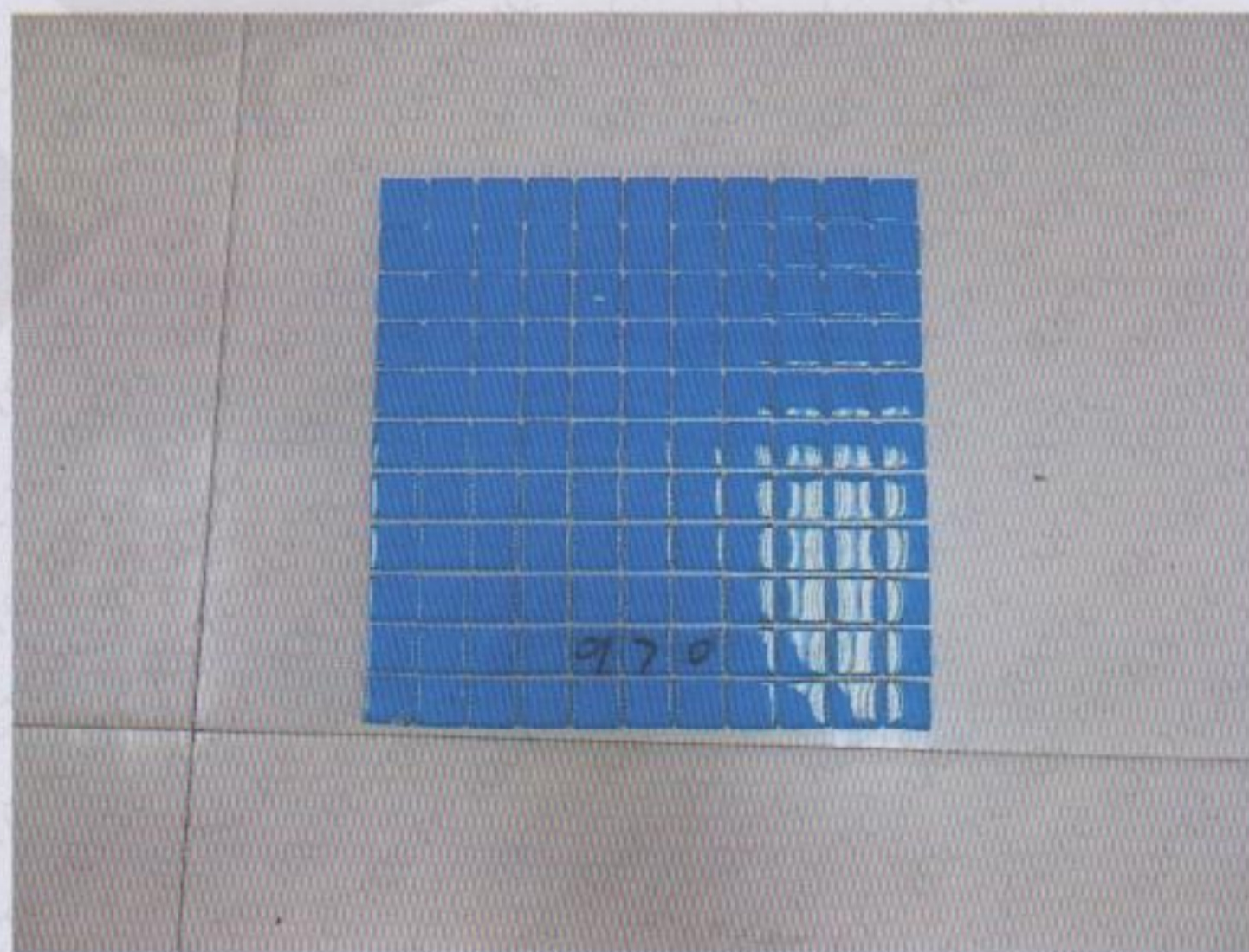
Approved by

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Photo of Samples



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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	Physical property				
	Water absorption Percent mass fraction	ISO 10545-3: 1995/Cor.1:1997	$E_b \leq 0.5\%$	0.04%	P
			Individual maximum 0.6%	0.02%~0.07%	P
	Thermal shock resistance	ISO 10545-9:2013	Test method available	Fully resistance	—
	Frost resistance	ISO 10545-12: 1995/Cor1:1997	Required	Fully resistance	P
	Chemical property				
	Resistance to staining				
	a) Green staining agent in light oil	ISO 10545-14:2015	Test method available	Class 5	—
	b) Red staining agent in light oil	ISO 10545-14:2015	Test method available	Class 5	—
	c) Iodine, 13g/L solution in alcohol	ISO 10545-14:2015	Test method available	Class 5	—
	d) Olive oil	ISO 10545-14:2015	Test method available	Class 5	—
	Resistance to chemicals				
	Resistance to household chemicals and swimming pool salts				
	a) Household chemicals: Ammonium chloride, 100g/L	ISO 10545-13:2016	Minimum UB	A	P
	b) Swimming pool salts: Sodium hypochlorite solution, 20mg/L	ISO 10545-13:2016	Minimum UB	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	—
	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	<0.01	—	
b) Cadmium release, in mg/dm ²	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