

# CERTIFICATE Of Conformity

Certificate No: 25202104335  
 Applicant: FOSHAN SHIWAN YULONG CERAMIC CO.,LTD.  
 Address of Applicant: DAJIANG ZHANGCHA,SHIWAN FOSHAN,GUANGDONG PROVINCE,CHINA.  
 Product: GLAZED MOSAIC  
 Type designation: HZX6470, HZX6570, HZX6421, HZX6521, BHZX01044, BHZX02152, BHZX04078, BHZX06174, BHZX08258  
 Technical data: Dry-pressed ceramic tiles for Floorings and wall finishes, Interior and exterior, with water absorption  $E_b \leq 0.5\%$ , Group B I a, Flat, Glazed, 14.5cm × 2.2cm

The submitted samples of the above product have been tested for CE marking according to the following European Directives:

### (EU)No.305/2011-the Construction Products Regulation

Standard used for showing compliance with the essential requirements in the specified directive:

Standard	Test report	Issued by	Date
EN 14411:2016	25202104335	IQCTC of FSCIQ	Nov.15, 2021

The referred test report shows that the product complies with standard recognized as giving presumption of compliance with the essential requirements in the specified EU Directive.

After preparation of the necessary technical documentation as well as the conformity declaration the CE marking as shown below can be affixed on the product. Other relevant Directives have to be observed.

This certificate is **NOT** valid for: *i*) uses in suspended ceilings; *ii*) uses subject to requirements against accidental fall of objects on to transit areas; *iii*) uses subject to dangerous substances regulations; *iv*) uses in vehicular circulation areas.

This document is the property of Inspection and quarantine comprehensive technology centre of Foshan Entry-exit Inspection & Quarantine Bureau, and it is not transferable. Only the applicant may reproduce this certificate.



肖景洪

XIAO JINGHONG

Director

Issue Date: Nov.15, 2021

Expiration Date: Nov.14, 2022



Note: This certificate is part of the full report and should be read in conjunction with it.

INSPECTION AND QUARANTINE COMPREHENSIVE TECHNOLOGY CENTRE OF FOSHAN ENTRY-EXIT INSPECTION & QUARANTINE BUREAU  
2/F, Building 18, Lanshi International Metal Exchange Center, Kuiqiyi Road, Chancheng District, Foshan, Guangdong, China (528000)  
TEL: 86-757-83960558 FAX: 86-757-83827971

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申请人存

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中国认可  
国际互认  
检测  
TESTING  
CNAS L1978



# 检测报告

## TEST REPORT

报告编号:  
REPORT NO.: 25202104335

样品名称:  
NAME OF SAMPLE: 釉面马赛克  
GLAZED MOSAIC

委托单位:  
APPLICANT: 佛山市石湾裕龙陶瓷有限公司  
FOSHAN SHIWAN YULONG CERAMIC CO.,LTD.

检验日期:  
DATE OF TEST: 02/11/2021 – 09/11/2021 (dd/mm/yy)

国家建筑卫生陶瓷检测重点实验室  
STATE KEY TESTING LABORATORY OF BUILDING CERAMICS AND SANITARY WARE  
佛山海关综合技术中心  
COMPREHENSIVE TECHNOLOGY CENTRE OF FOSHAN CUSTOMS

# 佛山海关综合技术中心

COMPREHENSIVE TECHNOLOGY CENTRE OF FOSHAN CUSTOMS

## 检测报告 TEST REPORT

报告编号: 25202104335

Report No:

共 6 页 第 2 页

Page 2 of 6

样品名称 Name of sample	釉面马赛克 GLAZED MOSAIC	名义尺寸 Nominal size (N)	14.5cm×2.2cm
表面特性 Nature of the surface	有釉 Glazed (GL)	工作尺寸 Work size	145mm×22mm×7.6mm
类别 Group	B I a	预期用途 Intended use	室内外墙地砖 Floorings and wall finishes, Interior and exterior
样品标记 Mark of samples	BHZX08240	样品数量 Quantity of samples	1 箱 1 Box
委托单位 Applicant	佛山市石湾裕龙陶瓷有限公司 FOSHAN SHIWAN YULONG CERAMIC CO.,LTD.	委托单位地址 Address of applicant	中国广东省佛山市石湾张槎大江路 DAJIANG ZHANGCHA,SHIWAN FOSHAN, GUANGDONG PROVINCE, CHINA
委托单位电话 Telephone of applicant	86-757-82728020	委托单位传真 Fax of Applicant	86-757-82270908
样品来源 Source of Samples	委托单位自送样品 Samples selected by applicant	接样日期 Received on	01/11/2021
检验依据 Test Standard	EN 14411:2016 Ceramic tiles - Definition, classification, characteristics, assessment and verification of constancy of performance and marking Annex G Requirements for dry-pressed ceramic tiles with low water absorption of Group BIa ( $E_b \leq 0,5\%$ )		
检验结论 Conclusion of Test	样品经检验,所检验项目的检验结果符合 EN 14411:2016 标准中附录 G 的规定。 The results conform to the requirement of Annex G of standard EN 14411:2016 with respect to the test items.		
检验单位盖章 Stamp of Test Unit	 日期: 15/11/2021 Date:		检验单位联系方式 Address of Test Unit 地址: 广东省佛山市禅城区魁奇一路澜石(国际)金属交易中心十八座二楼 Address: 2/F, Building 18, Lanshi International Metal Exchange Center, Kuiqiyi Road, Chancheng District, Foshan, Guangdong, China (528000) 电话 (Tel): 86-757-83960558 86-757-83827991 传真 (Fax): 86-757-83827971 邮箱 (E-mail): fsiqtc@163.com
声明 Notes	1、我们已尽所知所能实施上述检验,不能因签发本报告而免除有关各方根据合同和法律所承担的责任和义务; 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、未经本实验室书面许可,不得部分复制本报告; This report shall not be reproduced, except in full, without the prior written approval from the issuing laboratory. 3、本报告仅是样品的检测结果。 The results in this report apply to the samples only. 4、本报告所述的样品信息为委托单位自行声明,实验室不负责其真实性。 The product information are declared by applicant, and laboratory is not responsible for the authenticity.		

检验负责人

Tested by

杨明

审核

Inspected by

李琪

批准

Approved by

肖思

# 佛山海关综合技术中心

COMPREHENSIVE TECHNOLOGY CENTRE OF FOSHAN CUSTOMS

## 检测报告

TEST REPORT

报告编号: 25202104335

Report No:

共 6 页 第 3 页

Page 3 of 6

### 委托单位声明

Remark of applicant

产品系列名称: 釉面马赛克

Product family: GLAZED MOSAIC

表面特性: 平面, 有釉

Nature of the surface: Flat, Glazed (GL)

产品类别 Group: B I a

名义尺寸 Nominal size (N): 14.5cm×2.2cm

本系列所包含的产品型号 Items in the family:

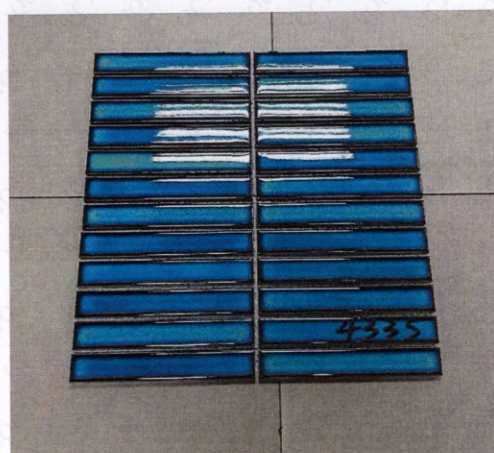
HZX6470, HZX6570, HZX6421, HZX6521, BHZX01044, BHZX02152, BHZX04078, BHZX06174, BHZX08258

本系列所包含产品型号的吸水率、规格、使用的材料、采用的成型方法以及表面特征是一致的, 区别在于外观设计。

All items in the family are same in water absorption, dimensions and thickness, material, method of manufacture and natural of surface except for the design of appearance.

### 样品照片

Photo of Samples



# 佛山海关综合技术中心

COMPREHENSIVE TECHNOLOGY CENTRE OF FOSHAN CUSTOMS

## 检测报告 TEST REPORT

报告编号: 25202104335

Report No:

共 6 页 第 4 页

Page 4 of 6

EN 14411:2016 Ceramic tiles - Definition, classification, characteristics, assessment and verification of constancy of performance and marking Annex G Requirements for dry-pressed ceramic tiles with low water absorption of Group BIa ( $E_b \leq 0.5\%$ )					
条款 Clause	性能 Properties	检验方法 Test Method	要求 Requirements	检验结果 Results	判定 Verdicts
A	<b>尺寸和表面质量</b> Dimensions and surface quality				
A.1	<b>长度</b> Length 每块砖的平均尺寸相对于工作尺寸的允许偏差 The deviation, of the average size for each tile (2 sides) from the work size	EN ISO 10545-2:2018	$\pm 0.9\text{mm}$	+0.1mm~+0.3mm	P
	<b>宽度</b> Width 每块砖的平均尺寸相对于工作尺寸的允许偏差 The deviation, of the average size for each tile (2 sides) from the work size	EN ISO 10545-2:2018	$\pm 0.5\text{mm}$	0~+0.1mm	P
A.2	<b>厚度</b> Thickness 每块砖厚度的平均值相对于工作尺寸的最大允许偏差 The permissible deviation, of the average thickness of each tile from the work size thickness	EN ISO 10545-2:2018	$\pm 0.5\text{mm}$	-0.1mm~0	P
B	<b>物理性能</b> Physical properties				
B.1	<b>吸水率</b> 质量分数 Water absorption Percent mass fraction	EN ISO 10545-3:2018	$E_b \leq 0.5\%$	0.09%	P
			单个值不大于 0.6% Individual maximum 0.6%	0.05%~0.13%	P
B.2	<b>破坏强度/N</b> Breaking strength, in N	EN ISO 10545-4:2019	$\geq 1300$	1346	P
B.3	<b>断裂模数/(MPa)</b> Modulus of rupture, in MPa 不适用于破坏强度 $\geq 3000\text{N}$ 的陶瓷砖 Not applicable to tiles with breaking strength $\geq 3000\text{N}$	EN ISO 10545-4:2019	平均值 $\geq 35$ Minimum 35	45.2	P
			单个值 $\geq 32$ Individual minimum 32	42.1~50.7	P
B.4	<b>耐磨性</b> Abrasion resistance 用于地面的有釉砖的表面耐磨性 Resistance to surface abrasion of glazed tiles intended for use on floors	EN ISO 10545-7:1998	报告耐磨级别 Report abrasion class	2 级 Class 2	—
			报告耐磨转数 Report cycles passed	600	—
B.6	<b>抗热震性</b> Thermal shock resistance	EN ISO 10545-9:2013	应通过此项测试 Pass	样品经试验, 无炸裂或裂纹 Fully resistance	P
B.7	<b>抗釉裂性: 有釉砖</b> Crazing resistance: glazed tiles	EN ISO 10545-11:1996	应通过此项测试 Pass	样品经试验, 无裂纹或剥落 Fully resistance	P
B.8	<b>抗冻性</b> Frost resistance	EN ISO 10545-12:1997	应通过此项测试 Pass	所有样品无裂纹或破损 Fully resistance	P

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COMPREHENSIVE TECHNOLOGY CENTRE OF FOSHAN CUSTOMS

## 检测报告 TEST REPORT

报告编号: 25202104335

Report No:

共 6 页 第 5 页

Page 5 of 6

EN 14411:2016 Ceramic tiles - Definition, classification, characteristics, assessment and verification of constancy of performance and marking Annex G Requirements for dry-pressed ceramic tiles with low water absorption of Group BIa ( $E_b \leq 0,5\%$ )					
条款 Clause	性能 Properties	检验方法 Test Method	要求 Requirements	检验结果 Results	判定 Verdicts
B.9	<b>防滑性能</b> Slipperiness				
	倾斜平台法, 动态临界角, $\alpha_{ges}$ Shod Ramp Test, critical angle, $\alpha_{ges}$	DIN 51130:2014	报告检验结果 Declared value	<5.0°	—
	摆锤法, PTV 96 Pendulum friction test, PTV 96	CEN/TS 16165:2016 附录 C Annex C	报告检验结果 Declared value	干法 Dry: 59 湿法 Wet: 10	—
B.14	<b>防火性能</b> Reaction to fire	无需测试 CWT	A1 or A1 <sub>FL</sub> 级 Class A1 or A1 <sub>FL</sub>	墙砖: A1 级 地砖: A1 <sub>n</sub> 级 Used for walls: Class A1 Used for floorings: Class A1 <sub>n</sub>	P
C	<b>化学性能</b> Chemical properties				
C.1	<b>耐污染性</b> Resistance to staining				
	a) 轻油中的铬绿 a) Green staining agent in light oil	EN ISO 10545-14:2015	不低于 3 级 Minimum Class 3	5 级 Class 5	P
	b) 轻油中的红色污染物 b) Red staining agent in light oil	EN ISO 10545-14:2015	不低于 3 级 Minimum Class 3	5 级 Class 5	P
	c) 13g/L 碘酒液 c) Iodine, 13g/L solution in alcohol	EN ISO 10545-14:2015	不低于 3 级 Minimum Class 3	5 级 Class 5	P
	d) 橄榄油 d) Olive oil	EN ISO 10545-14:2015	不低于 3 级 Minimum Class 3	5 级 Class 5	P
C.2	<b>耐化学腐蚀性</b> Resistance to chemicals				
	耐家庭化学试剂和游泳池盐类 Resistance to household chemicals and swimming pool salts				
	家庭化学试剂: 氯化铵溶液, 100g/L a) Household chemicals: Ammonium chloride, 100g/L	EN ISO 10545-13:2016	不低于 B 级 Minimum class B	A	P
	b) 游泳池盐类: 次氯酸钠溶液, 20mg/L b) Swimming pool salts: Sodium hypochlorite solution, 20mg/L	EN ISO 10545-13:2016	不低于 B 级 Minimum class B	A	P
	耐低浓度酸和碱 Resistance to low concentrations of acids and alkalis				
	a) 3% 盐酸溶液(v/v) a) Hydrochloric acid solution, 3% (v/v)	EN ISO 10545-13:2016	报告检验结果 Declared value	LA	—
	b) 柠檬酸溶液, 100g/L b) Citric acid solution, 100g/L	EN ISO 10545-13:2016	报告检验结果 Declared value	LA	—
c) 氢氧化钾溶液, 30g/L c) Potassium hydroxide, 30g/L	EN ISO 10545-13:2016	报告检验结果 Declared value	LA	—	

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COMPREHENSIVE TECHNOLOGY CENTRE OF FOSHAN CUSTOMS

## 检测报告

TEST REPORT

报告编号: 25202104335

共 6 页 第 6 页

Report No:

Page 6 of 6

条款 Clause	性能 Properties	检验方法 Test Method	要求 Requirements	检验结果 Results	判定 Verdicts
EN 14411:2016 <i>Ceramic tiles - Definition, classification, characteristics, assessment and verification of constancy of performance and marking</i> Annex G Requirements for dry-pressed ceramic tiles with low water absorption of Group BIa ( $E_b \leq 0,5\%$ )					
C.2	耐高浓度酸和碱 Resistance to high concentrations of acids and alkalis				
	a) 18%盐酸溶液(v/v) a) Hydrochloric acid solution, 18% (v/v)	EN ISO 10545-13:2016	报告检验结果 Declared value	HA	—
	b) 5%乳酸溶液(v/v) b) Lactic acid, 5% (v/v)	EN ISO 10545-13:2016	报告检验结果 Declared value	HA	—
	c) 氢氧化钾溶液, 100g/L c) Potassium hydroxide, 100g/L	EN ISO 10545-13:2016	报告检验结果 Declared value	HA	—
用语说明 Possible test case verdicts 1. P(ass): 合格 <i>Test item does meet the requirement.</i> 2. F(ail): 不合格 <i>Test item does not meet the requirement.</i> 3. —: 未进行判定 <i>Verdict was not carried out.</i> 4. N/A: 不适用 <i>Test case does not apply to the test item.</i>					

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报告结束 End of Test Report

