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

CERTIFICATE

Of Conformity

正本

申请人存

Certificate No:	25201703936
Applicant:	FOSHAN SHIWAN EAGLE BRAND CERAMIC LTD
Address of Applicant:	10TH FLOOR BUILING B,NO.2 YUEJIN ROAD SHIWAN CHANCHENG DISTRICT, FOSHAN,GUANGDONG
Product:	SOLAR STONE COLLECTION-POLISHED FINISHED SURFACE
Type designation:	G0AC-21QEA, AC-01, AC-11, AC-31, AC-41, AC-51, AC-61
Technical data:	Dry-pressed ceramic tiles for Internal wall finishes and floorings, with water absorption $E_b \leq 0.5\%$, Group B Ⅰ a, Flat, Unglazed, 60cm×60cm

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	**25201703936**	**IQCTC of FSCIQ**	**Sep. 20, 2017**

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.

CE

XIAO JINGHONG

Director

Issue Date: Sep.20, 2017

Expiration Date: Sep.19, 2018

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

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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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中国认可
国际互认
检测
TESTING
CNAS L1978

160000122473

检 测 报 告
TEST REPORT

报 告 编 号:
REPORT NO. : 25201703936

样 品 名 称:
NAME OF SAMPLE: 经典回归系列(抛光)
SOLAR STONE COLLECTION-POLISHED FINISHED SURFACE

委 托 单 位:
APPLICANT: 佛山石湾鹰牌陶瓷有限公司
FOSHAN SHIWAN EAGLE BRAND CERAMIC LTD

检 验 日 期:
DATE OF TEST: 01/09/2017 – 18/09/2017 (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
佛山出入境检验检疫局检验检疫综合技术中心
INSPECTION AND QUARANTINE COMPREHENSIVE TECHNOLOGY CENTRE OF FOSHAN ENTRY-EXIT INSPECTION & QUARANTINE BUREAU

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检测报告
TEST REPORT

报告编号： 25201703936
Report No:

样品名称 Name of sample	经典回归系列(抛光) SOLAR STONE COLLECTION-POLISHED FINISHED SURFACE	名义尺寸 Nominal size (N)	60cm×60cm
表面特性 Nature of the surface	无釉 Unglazed (UGL)	工作尺寸 Work size	600mm×600mm×9.1 mm
类别 Group	B I a	预期用途 Intended use	室内墙地砖 Interior floorings and wall finishes
样品标记 Mark of samples	G0AC-21QEA	样品数量 Quantity of samples	30 片 30 Pieces
委托单位 Applicant	佛山石湾鹰牌陶瓷有限公司 FOSHAN SHIWAN EAGLE BRAND CERAMIC LTD	委托单位地址 Address of applicant	佛山市禅城区石湾镇跃进路 2 号 B 座十层 10TH FLOOR BUILING B,NO.2 YUEJIN ROAD SHIWAN CHANCHENG DISTRICT, FOSHAN,GUANGDONG
委托单位电话 Telephone of applicant	86-757-83963721	委托单位传真 Fax of applicant	86-757-83963730
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	31/08/2017
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：20/09/2017 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 网址（url）：http://www.fsiqtc.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.		

检验负责人 Tested by _____ 审核 Inspected by _____ 批准 Approved by _____

佛山出入境检验检疫局检验检疫综合技术中心

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

检测报告

TEST REPORT

报告编号： 25201703936
Report No:

委托单位声明
Remark of applicant

产品系列名称:经典回归系列(抛光)

Product family: SOLAR STONE COLLECTION-POLISHED FINISHED SURFACE

表面特性:平面,无釉

Nature of the surface:Flat,Unglazed (UGL)

产品类别 **Group:B Ⅰa**

名义尺寸 **Nominal size (N):60cm×60cm**

本系列所包含的产品型号 **Items in the family:**

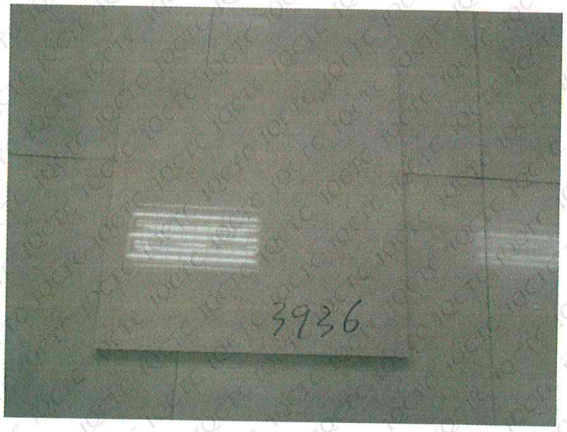
G0AC-21QEA, AC-01, AC-11, AC-31, AC-41, AC-51, AC-61

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





检测报告
TEST REPORT

报告编号： 25201703936
Report No:

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	尺寸和表面质量 **Dimensions and surface quality**				
A.1	长度和宽度 **Length and Width** 每块砖的平均尺寸相对于工作尺寸的允许偏差 The permissible deviation of the average size for each tile (4 sides) from the work size	EN ISO 10545-2	±0.6%	0~+0.02%	P
			±2.0mm	0~+0.1mm	P
A.2	厚度 **Thickness**				
	应声明厚度 The thickness shall be specified	—	声明厚度 Declared thickness	9.1mm	P
	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	±5%	-0.6%~+1.7%	P
			±0.5mm	-0.1mm~+0.2mm	P
B	物理性能 **Physical properties**				
B.1	吸水率：质量分数 **Water absorption:** Percent mass fraction	EN ISO 10545-3	E_b≤0.5%	0.05%	P
			单个值不大于 0.6% Individual maximum 0.6%	0.04%~0.06%	P
B.2	破坏强度/N **Breaking strength, in N**	EN ISO 10545-4	≥1300	1913	P
B.3	断裂模数/(N/mm²) **Modulus of rupture, in N/mm²** 不适用于破坏强度≥ 3000N 的陶瓷砖 Not applicable to tiles with breaking strength ≥ 3000N	EN ISO 10545-4	平均值≥35 Minimum 35	44.9	P
			单个值≥32 Individual minimum 32	42.7~46.7	P
B.4	耐磨性 **Abrasion resistance** 无釉砖耐磨深度：磨损体积/(mm³) Resistance to deep abrasion of unglazed tiles: Removed volume, in cubic millimeters	EN ISO 10545-6	≤175	131~139	P
B.6	抗热震性 **Thermal shock resistance**	EN ISO 10545-9	应通过此项测试 Pass	样品经试验，无炸裂或裂纹 Fully resistance	P
B.9	防滑性能 **Slipperiness**	DIN 51130	报告检验结果 Declared value	α ges:2.2°	—
	摆锤法，PTV 96 Pendulum friction test , PTV 96	CEN/TS 16165 附录 C Annex C	报告检验结果 Declared value	干法 Dry：63 湿法 Wet：7	—
B.14	防火性能 **Reaction to fire**	无需测试 CWT	A1 or $A1_{FL}$ 级 Class A1 or $A1_{FL}$	墙砖：A1 级 地砖：$A1_{fl}$ 级 Used for walls: Class A1 Used for floorings: Class $A1_{fl}$	P

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检测报告
TEST REPORT

报告编号： 25201703936
Report No:

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
C	化学性能 **Chemical properties**				
C.2	耐化学腐蚀性 **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	不低于 B 级 Minimum class B	UA	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	不低于 B 级 Minimum class B	UA	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	报告检验结果 Declared value	ULA	—
	b) 柠檬酸溶液，100g/L b) Citric acid solution, 100g/L	EN ISO 10545-13	报告检验结果 Declared value	ULA	—
	c) 氢氧化钾溶液，30g/L c) Potassium hydroxide, 30g/L	EN ISO 10545-13	报告检验结果 Declared value	ULB	—
	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	报告检验结果 Declared value	UHA	—
	b) 5 %乳酸溶液(v/v) b) Lactic acid, 5 % (v/v)	EN ISO 10545-13	报告检验结果 Declared value	UHA	—
	c) 氢氧化钾溶液，100g/L c) Potassium hydroxide, 100g/L	EN ISO 10545-13	报告检验结果 Declared value	UHB	—

用语说明 Possible test case verdicts
1. P(ass)：合格 *Test item does meet the requirement.*
2. F(ail)：不合格 *Test item does not meet the requirement.*
3. —：未进行判定 *Verdict was not carried out.*
4. N/A：不适用 *Test case does not apply to the test item.*

*** ***

报告结束 End of Test Report