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INSPECTION & QUARANTINE TECHNOLOGY CENTER

检 测 报 告
TEST REPORT

报 告 编 号:
REPORT No.: 25202600562

样 品 名 称:
SAMPLES: 釉面砖
GLAZED TILES

委 托 单 位:
APPLICANT: 佛山市嘉欣华陶瓷有限公司
FOSHAN KIVA CERAMICS CO.,LTD

检 测 日 期:
DATE OF TEST: 13/05/2026 – 27/05/2026 (dd/mm/yyyy)

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

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样品名称 Name of sample	釉面砖 GLAZED TILES	名义尺寸 Nominal size (N)	120cm×60cm
表面特性 Nature of the surface	有釉 Glazed (GL)	工作尺寸 Work size	1200mm×600mm×10.2mm
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	SPD1201T	样品数量 Quantity of samples	10 片 10 Pieces
委托单位 Applicant	佛山市嘉欣华陶瓷有限公司 FOSHAN KIVA CERAMICS CO.,LTD	委托单位地址 Address of applicant	中国广东省佛山市南海区西樵镇太平工业园 TAIPING INDUSTRY DISTRICT, XIQIAO TOWN, NANHAI AREA, FOSHAN CITY, GUANGDONG, CHINA
委托单位电话 Telephone of applicant	13794638044	委托单位传真 Fax of Applicant	—
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	13/05/2026
检测依据 Test Standard	EN 14411:2016 *Ceramic tiles - Definition, classification, characteristics, assessment and verification of constancy of performance and marking*		
检测结论 Conclusion of Test	样品经检测,所检测项目的检测结果符合 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.		
检测单位盖章 Stamp of Test Unit	日期：22/06/2026 Date:	检测单位联系方式 Address of Test Unit	地址：广东省佛山市禅城区市东下路 25 号之一首层 Address： 1ST FLOOR, NO.25-1, SHIDONGXIA ROAD, CHANCHENG DISTRICT, FOSHAN CITY, GUANGDONG PROVINCE 电话（Tel）：0757-83827991 邮箱（E-mail）：fsiqtc@163.com

检测负责人 Tested by 孙仁涛 审核 Inspected by 邓杰宁 批准 Approved by 肖景仁

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委托单位声明 Remark of applicant
产品系列名称：釉面砖 Product family: GLAZED TILES 表面特性:凹凸面，有釉 Nature of the surface: Rough, Glazed (GL) 产品类别 Group: B Ⅰ a 名义尺寸 Nominal size (N): 120cm×60cm 本系列所包含的产品型号 Items in the family： X12FP00T,X12FR00,X12FPT01T TO X12FPT99T,X12FRT01TO X12FRT99, X12FJT00T TO X12FJT99T, SP12EHT00T TO SP12EHT99T,SP12PHT00T TO SP12PHT99T，X12J000 TO X12J999，XS1201T TO XS12999T,SPDT12301 TO SPDT123999,SP12J601W TO SP12J6999W,SP12J601 TO SP12J6999 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.

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 B Ⅰa ($E_b \leq 0,5$ %)

条款 Clause	性能 Properties	检测方法 Test Method	要求 Requirements	检测结果 Results	判定 Verdicts
A	**尺寸和表面质量 Dimensions and surface quality**				
A.1	**长度 Length** 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 from the work size	EN ISO 10545-2:2018	±0.6%	+0.01%~+0.02%	P
			±2.0mm	+0.2mm~+0.3mm	P
	宽度 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 from the work size	EN ISO 10545-2:2018	±0.6%	0~+0.02%	P
			±2.0mm	0~+0.1mm	P
A.2	**厚度 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	±5%	-0.7%~+0.5%	P
			±0.5mm	-0.1mm~0	P
B	**物理性能 Physical properties**				
B.1	**吸水率** 质量分数 **Water absorption** Percent mass fraction	EN ISO 10545-3:2018	$E_b \leq 0.5\%$	0.04%	P
			单个值不大于 0.6% Individual maximum 0.6%	0.03%~0.05%	P
B.2	**破坏强度/N Breaking strength, in N**	EN ISO 10545-4:2019	≥1300	2386	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 10545-4:2019	平均值≥35 Minimum 35	46.0	P
			单个值≥32 Individual minimum 32	44.3~48.2	P
B.4	**耐磨性 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 /AC:1999	报告耐磨级别 Report abrasion class	4 级 Class 4	—
			报告耐磨转数 Report cycles passed	6000	—
B.6	**抗热震性 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	**抗釉裂性**：有釉砖 **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	**抗冻性 Frost resistance**	EN ISO 10545-12:1997	应通过此项测试 Pass	样品经试验，无炸裂或裂纹 Fully resistance	P

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Annex G Requirements for dry-pressed ceramic tiles with low water absorption of Group B I a ($E_b \leq 0{,}5$ %)

条款 Clause	性能 Properties	检测方法 Test Method	要求 Requirements	检测结果 Results	判定 Verdicts
B.9	**防滑性能 Slipperiness**				
	倾斜平台法，穿鞋油法 Shod ramp test	DIN EN 16165: 2023 附录 B Annex B	声明值 Declared value	修正后的平均临界角α_{shod}：＜6° Ramp test value α_{shod}：＜6° 防滑等级:— Slip resistance class: —	—
	摆锤法，PTV 96 Pendulum friction test , PTV 96	EN 16165: 2021 附录 C Annex C	声明值 Declared value	干法 Dry: 64 湿法 Wet: 9	—
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
C	**化学性能 Chemical properties**				
C.1	**耐污染性 Resistance to staining**				
	a）轻油中的绿色污染物 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	**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				
	a）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 级 Class 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 级 Class 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	声明值 Declared value	LA 级 Class LA	—
	b）柠檬酸溶液，100g/L b) Citric acid solution, 100g/L	EN ISO 10545-13:2016	声明值 Declared value	LA 级 Class LA	—
	c）氢氧化钾溶液，30g/L c) Potassium hydroxide, 30g/L	EN ISO 10545-13:2016	声明值 Declared value	LB 级 Class LB	—

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Annex G Requirements for dry-pressed ceramic tiles with low water absorption of Group B Ⅰa ($E_b \leq 0,5$ %)

条款 Clause	性能 Properties	检测方法 Test Method	要求 Requirements	检测结果 Results	判定 Verdicts
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	声明值 Declared value	HA 级 Class HA	—
	b）5 %乳酸溶液(v/v) b) Lactic acid, 5 % (v/v)	EN ISO 10545-13:2016	声明值 Declared value	HA 级 Class HA	—
	c）氢氧化钾溶液，100g/L c) Potassium hydroxide, 100g/L	EN ISO 10545-13:2016	声明值 Declared value	HB 级 Class HB	—

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.*

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COMPREHENSIVE TECHNOLOGY CENTRE OF FOSHAN CUSTOMS
检 测 报 告
TEST REPORT

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检测地点一：广东省佛山市禅城区市东下路 25 号之一首层
检测地点二：广东省佛山市南海区桂城南海大道北 96 号
This laboratory is a multi-site laboratory with two testing sites under it:
Testing Location ①： 1st Floor, No.25-1, Shidongxia Road, Chancheng District, Foshan City, Guangdong Province
Testing Location ②： Nanhai Road North, Guicheng, Nanhai District, Foshan, Guangdong, China
7. 如需查验检测报告真伪，请发送电子邮件至邮箱 fsiqtc@163.com，咨询电话：0757-83827991。
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