



检测报告

TEST REPORT

报告编号: **REPORT NO. : 25201702431**

样品名称: **NAME OF SAMPLE: 1336 大理石 (36度特白超平釉)**

委托单位: **APPLICANT: 佛山市誉辉建材有限公司**

检验日期: **DATE OF TEST: 12/06/2017 - 30/06/2017 (dd/mm/yy)**

国家建筑卫生陶瓷检测重点实验室

STATE KEY TESTING LABORATORY OF CERAMIC 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

FSIQTC-T2(1)A

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样品名称 Name of sample	1336 大理石 (36度特白超平釉)	名义尺寸 Nominal size (N)	80cm×80cm
表面特性 Nature of the surface	有釉砖 Glazed (GL)	工作尺寸 Work size (S _w)	800mm×800mm×11.0mm
类别 Group	B I a	样品描述 Description of Samples	样品完好,适合测试 The samples are sound, intact and fit for test.
样品标记 Mark of samples	/	样品数量 Quantity of samples	30 块 30 Pieces
委托单位 Applicant	佛山市誉辉建材有限公司	委托单位地址 Address of applicant	广东省佛山市禅城区 季华西路 68 号中国 陶瓷总部基地东区 A05 栋
委托单位电话 Telephone of applicant	86-757-82012605	委托单位传真 Fax of applicant	86-757-82012603
样品来源 Source of Samples	委托单位自送样品	接收日期 Received on	12/06/2017
委托单位声明 Remark of applicant	生产单位 Manufacturer: 恩平市新锦成陶瓷有限公司 生产单位地址 Address of Manufacturer: 广东省恩平市沙湖镇蒲桥工业区 3 号		
检验依据 Test Standard	1. GB/T 4100-2015 《陶瓷砖》附录 G 干压陶瓷砖 ($E \leq 0.5\%$ B I a 类) 2. GB 6566-2010 《建筑材料放射性核素限量》		
检验结果 Results of Test	1. 样品经检验,所检项目的检验结果符合 GB/T 4100-2015 标准中附录 G 的规定。 The results conform to the requirement of Annex G of standard GB/T 4100-2015 with respect to the test items. 2. 样品经检验,检验结果符合 GB 6566-2010 标准中 A 类装饰装修材料要求。 The results conform to the requirement of Class A decorative materials of standard GB 6566-2010.		
检验单位盖章 Stamp of Test Unit		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湖石(国际)金属交易中心十八座二楼 Address: 2/F, Building 18, Lanshi International Metal Exchange Center, Kuigiyi Road, Chancheng District, Foshan, Guangdong, China (528000) 电话 (Tel): 86-757-83960558 传真 (Fax): 86-757-83827991 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 **Tested by** 李坤 审核 **Checked by** 李坤 批准 **Approved by** 李坤

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条款 Clause	性能 Properties	检验方法 Test Method	要求 Requirements	检验结果 Results	判定 Verdicts
表 G1 Table G1	GB/T 4100-2015 《陶瓷砖》附录 G 干压陶瓷砖 ($E \leq 0.5\%$ B I a 类)				
尺寸和表面质量 Dimensions and surface quality					
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 deviation of the average size for each tile from the work size	GB/T 3810.2	$\pm 1.0\text{mm}$	-0.2mm~0	P
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 deviation of the average thickness of each tile from the work size thickness	GB/T 3810.2	$\pm 5\%$	-0.5%~+0.4%	P
边直度 Straightness of sides	相对于工作尺寸的最大允许偏差 The maximum deviation from straightness related to the corresponding work sizes	GB/T 3810.2	$\pm 0.2\%$	-0.01%~+0.01%	P
			$\pm 1.5\text{mm}$	-0.1mm~+0.1mm	P
直角度 Rectangularity	相对于工作尺寸的最大允许偏差 The maximum deviation from rectangularity related to the corresponding work sizes	GB/T 3810.2	$\pm 0.2\%$	-0.07%~+0.05%	P
			$\pm 2.0\text{mm}$	-0.5mm~+0.4mm	P
表面平整度 Surface flatness: The maximum deviation from flatness		GB/T 3810.2	$\leq 2.0\text{mm}$	-0.4mm~+0.2mm	P
表面质量 Surface quality		GB/T 3810.2	至少有 95% 的砖其主要区域无明显缺陷 A minimum of 95 % of the tiles are to be free from visible defects which can impair the appearance of a major area of tiles	100%	P
物理性能 Physical properties					
吸水率 质量分数 Water absorption Percent mass fraction		GB/T 3810.3	平均值 $\leq 0.5\%$ Average $\leq 0.5\%$	0.04%	P
			单个值 $\leq 0.6\%$ Individual maximum 0.6%	0.03%~0.05%	P
破坏强度/N Breaking strength, in N		GB/T 3810.4	≥ 1300	3069	P
断裂模数(N/mm ²) Modulus of rupture, in N/mm ² 不适用与破坏强度 $\geq 3000\text{N}$ 的陶瓷砖 Not applicable to tiles with breaking strength $\geq 3000\text{N}$		GB/T 3810.4	平均值 ≥ 35 Minimum 35	N/A	—
			单个值 ≥ 32 Individual minimum 32	N/A	—

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表 G1 Table G1	GB/T 4100-2015 《陶瓷砖》附录 G 干压陶瓷砖 ($E \leq 0.5\%$ B I a 类)				
抗冲击: 恢复系数 Impact resistance: Coefficient of restitution (COR)		GB/T 3810.5	报告检验结果 Test method available	0.88	—
耐磨性 Abrasion resistance 有釉地表面耐磨性 Resistance to surface abrasion of glazed tiles intended for use on floors		GB/T 3810.7	报告耐磨级别 Report abrasion class	5 级 Class 4	—
			报告耐磨转数 Report cycles passed	2100	—
线性热膨胀系数: 环境温度-100°C 从 ambient temperature to 100°C		GB/T 3810.8	报告检验结果 Test method available	$6.7 \times 10^{-6} \text{ } ^\circ\text{C}^{-1}$	—
抗热震性 Thermal shock resistance		GB/T 3810.9	报告检验结果 Test method available	样品经试验,无炸裂或裂纹 Fully resistance	—
有釉砖抗釉裂性 Crazing resistance: glazed tiles		GB/T 3810.11	经试验应无釉裂 Required	样品经试验,无釉裂 Fully resistance	P
抗冻性 Frost resistance		GB/T 3810.12	经试验应无裂纹和剥落 Required	样品经试验,无裂纹或剥落 Fully resistance	P
地脚摩擦系数 Coefficient of friction: floor tiles		附录 M Annex M	单个值 ≥ 0.50 Individual ≥ 0.50	干法 Dry: 0.50~0.51	P
湿膨胀(mm/m) Moisture expansion, in mm/m		GB/T 3810.10	报告检验结果 Test method available	0.01	—
化学性能 Chemical properties					
耐污染性 Resistance to staining					
a) 轻油中的铬绿 3% 铬绿溶液, 100g/L b) 轻油中的红色染料 5% 染料溶液, 100g/L c) 13g/L 碘酒液 d) 橄榄油	GB/T 3810.14	不低于 3 级 Minimum Class 3	5 级 Class 5	P	
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	GB/T 3810.13	不低于 GB 级 Minimum GB	GA	P	
b) 游泳池盐类: 次氯酸钠溶液, 20mg/L b) Swimming pool salts: Sodium hypochlorite solution, 20mg/L	GB/T 3810.13	不低于 GB 级 Minimum GB	GA	P	

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表 G1 Table G1	GB/T 4100-2015 《陶瓷砖》附录 G 干压陶瓷砖 ($E \leq 0.5\%$ B I a 类)				
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)	GB/T 3810.13	制造商应报告等级 Manufacturer to state classification	GLB	—	
b) 柠檬酸溶液, 100g/L b) Citric acid solution, 100g/L	GB/T 3810.13	制造商应报告等级 Manufacturer to state classification	GLB	—	
c) 氢氧化钾溶液, 30g/L c) Potassium hydroxide, 30g/L	GB/T 3810.13	制造商应报告等级 Manufacturer to state classification	GLB	—	
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)	GB/T 3810.13	报告检验结果 Test method available	GHB	—	
b) 乳酸溶液 (v/v) b) Lactic acid, 5% (v/v)	GB/T 3810.13	报告检验结果 Test method available	GHB	—	
c) 氢氧化钾溶液, 100g/L c) Potassium hydroxide, 100g/L	GB/T 3810.13	报告检验结果 Test method available	GHB	—	
铅和镉的溶出量 Lead and cadmium release					
铅溶出量 Lead release	GB/T 3810.15	报告检验结果 Test method available	$< 0.01\text{mg}/\text{dm}^2$	—	
镉溶出量 Cadmium release	GB/T 3810.15	报告检验结果 Test method available	$< 0.002\text{mg}/\text{dm}^2$	—	
表 G1 Table G1	GB 6566-2010 《建筑材料放射性核素限量》				
4.4.1	内照射指数 I_{Ra} Internal exposure index I_{Ra}		—	0.7	—
4.4.2	外照射指数 I_{r} External exposure index I_{r}		—	1.0	—
3.2.1	A 类装饰装修材料 Class A decorative materials		$I_{\text{Ra}} \leq 1.0$ $I_{\text{r}} \leq 1.3$	符合 Complied	P

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