



中国认可
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检测
TESTING
CNAS L1978



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检测报告

TEST REPORT

报告编号:

REPORT NO.:

25201704834

样品名称:

NAME OF SAMPLE:

大板

委托单位:

APPLICANT:

恩平市新锦成陶瓷有限公司

检验日期:

DATE OF TEST:

07/11/2017 - 21/11/2017 (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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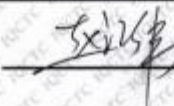
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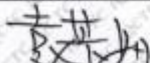
样品名称 Name of sample	大板	名义尺寸 Nominal size (N)	120cm×60cm
表面特性 Nature of the surface	有釉砖 Glazed (GL)	工作尺寸 Work size (S _w)	1200mm×600mm×12.1mm
类别 Group	B I a	样品描述 Description of Samples	样品完好,适合测试 The samples are sound, intact and fit for test.
样品标记 Mark of samples	/	样品数量 Quantity of samples	30 块 30 Pieces
委托单位 Applicant	恩平市新锦成陶瓷有限公司	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 Samples selected by applicant	接样日期 Received on	07/11/2017
委托单位声明 Remark of applicant	品牌 Brand: 睿辉 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≤0.5% B I a 类) 2. GB 6566-2010 《建筑材料放射性核素限量》 3. HJ/T 297-2006 《环境标志产品技术要求 陶瓷砖》		
检验结果 Results of Test	1. 样品经检验,所检验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 类装饰材料要求。 The results conform to the requirement of Class A decorative materials of standard GB 6566-2010. 3. 样品经检验,所检验项目的检验结果符合 HJ/T 297-2006 的规定。 The results conform to the requirement of HJ/T 297-2006 with respect to the test items.		
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, Kuiqiyl Road, Chancheng District, Foshan, Guangdong, China (528000) 电话 (Tel): 86-757-83960558 86-757-83827971 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
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

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GB/T 4100-2015 《陶瓷砖》附录 G 干压陶瓷砖 ($E \leq 0.5\%$ B I a 类)						
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	尺寸和表面质量 Dimensions and surface quality					
	长度 Length	GB/T 3810.2-2016	$N \geq 150\text{mm}$	$\pm 0.6\%$	$-0.08\% \sim -0.06\%$	P
	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			$\pm 2.0\text{mm}$	$-1.0\text{mm} \sim -0.7\text{mm}$	P
	宽度 Width	GB/T 3810.2-2016	$N \geq 150\text{mm}$	$\pm 0.6\%$	$-0.04\% \sim -0.02\%$	P
	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			$\pm 2.0\text{mm}$	$-0.3\text{mm} \sim -0.1\text{mm}$	P
	厚度 Thickness	GB/T 3810.2-2016	$N \geq 150\text{mm}$	$\pm 5\%$	$-0.5\% \sim -0.2\%$	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 deviation of the average thickness of each tile from the work size thickness			$\pm 0.5\text{mm}$	$-0.1\text{mm} \sim 0$	P
	边直度: 相对于工作尺寸的最大允许偏差 Straightness of sides The maximum deviation from straightness related to the corresponding work sizes					
	长度 Length	GB/T 3810.2-2016	$N \geq 150\text{mm}$	$\pm 0.5\%$	0	P
				$\pm 1.5\text{mm}$	0	P
	宽度 Width	GB/T 3810.2-2016	$N \geq 150\text{mm}$	$\pm 0.5\%$	$+0.01\% \sim +0.02\%$	P
				$\pm 1.5\text{mm}$	$+0.1\text{mm}$	P
	直角度: 相对于工作尺寸的最大允许偏差 Rectangularity The maximum deviation from Rectangularity related to the corresponding work sizes					
	长度 Length	GB/T 3810.2-2016	$N \geq 150\text{mm}$	$\pm 0.5\%$	$+0.03\% \sim +0.04\%$	P
	$\pm 2.0\text{mm}$			$+0.3\text{mm} \sim +0.5\text{mm}$	P	
宽度 Width	GB/T 3810.2-2016	$N \geq 150\text{mm}$	$\pm 0.5\%$	$0 \sim +0.01\%$	P	
			$\pm 2.0\text{mm}$	$0 \sim +0.1\text{mm}$	P	
表面平整度: 最大允许偏差 Surface flatness: The maximum deviation from flatness	GB/T 3810.2-2016	$N > 600\text{mm}$	$\leq 2.0\text{mm}$	$+0.5\text{mm} \sim +0.6\text{mm}$	P	
表面质量 Surface quality	GB/T 3810.2-2016	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	

FSIQTC-T 2(1)A

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GB/T 4100-2015 《陶瓷砖》附录 G 干压陶瓷砖 ($E \leq 0.5\%$ B I a 类)

条款 Clause	性能 Properties	检验方法 Test Method	要求 Requirements	检验结果 Results	判定 Verdicts
物理性能 Physical properties					
表 G1 Table G1	吸水率 质量分数 Water absorption Percent mass fraction	GB/T 3810.3-2016	$E \leq 0.5\%$	0.09%	P
			单个值不大于 0.6% Individual maximum 0.6%	0.06%~0.11%	P
	破坏强度/N Breaking strength, in N	GB/T 3810.4-2016	≥ 1300	3640	P
	断裂模数(N/mm^2) Modulus of rupture, in N/mm^2 不适用于破坏强度 $\geq 3000N$ 的陶瓷砖 Not applicable to tiles with breaking strength $\geq 3000N$	GB/T 3810.4-2016	平均值 ≥ 35 Minimum 35	N/A	—
			单个值 ≥ 32 Individual minimum 32	N/A	—
	抗冲击: 恢复系数 Impact resistance: Coefficient of restitution (COR)	GB/T 3810.5-2016	报告检验结果 Test method available	0.88	—
	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	GB/T 3810.7-2016	报告耐磨级别 Report abrasion class	3 级 Class 3	—
			报告耐磨转数 Report cycles passed	1500	—
	线性热膨胀系数: 室温-100℃ Coefficient of linear thermal expansion: from ambient temperature to 100℃	GB/T 3810.8-2016	报告检验结果 Test method available	$6.0 \times 10^{-6} \text{ } ^\circ\text{C}^{-1}$	—
	抗热震性 Thermal shock resistance	GB/T 3810.9-2016	报告检验结果 Test method available	样品经试验, 无炸裂或裂纹 Fully resistance	—
	湿膨胀/(mm/m) Moisture expansion, in mm/m	GB/T 3810.10-2016	报告检验结果 Test method available	0.01	—
	抗釉裂性: 有釉砖 Crazing resistance: glazed files	GB/T 3810.11-2016	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 3810.12-2016	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
	静摩擦系数 Static coefficient of friction	附录 M Annex M	单个值 ≥ 0.50 Individual ≥ 0.50	干法 Dry: 0.60~0.61	P
化学性能 Chemical properties					
耐污染性 Resistance to staining					
	a) 轻油中的铬绿 a) Green staining agent in light oil	GB/T 3810.14-2016	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	GB/T 3810.14-2016	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	GB/T 3810.14-2016	不低于 3 级 Minimum Class 3	5 级 Class 5	P
	d) 橄榄油 d) Olive oil	GB/T 3810.14-2016	不低于 3 级 Minimum Class 3	5 级 Class 5	P

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GB/T 4100-2015 《陶瓷砖》附录 G 干压陶瓷砖 (E≤0.5% B I a 类)					
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	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 3810.13-2016	不低于 GB 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 3810.13-2016	不低于 GB Minimum GB	GA	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)	GB/T 3810.13-2016	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 3810.13-2016	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 3810.13-2016	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 3810.13-2016	报告检验结果 Test method available	GHC	—
b) 5%乳酸溶液(v/v) b) Lactic acid, 5% (v/v)	GB/T 3810.13-2016	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 3810.13-2016	报告检验结果 Test method available	GHB	—	
铅镉溶出量 Lead and cadmium release					
铅溶出量 Lead release	GB/T 3810.15-2016	报告检验结果 Test method available	<0.01mg/dm ²	—	
镉溶出量 Cadmium release	GB/T 3810.15-2016	报告检验结果 Test method available	<0.002mg/dm ²	—	

GB 6566-2010 《建筑材料放射性核素限量》				
条款 Clause	性能 Properties	要求 Requirements	检验结果 Results	判定 Verdicts
4.4.1	内照射指数 I_{Ra} Internal exposure index I_{Ra}	—	0.6	—
4.4.2	外照射指数 I_r External exposure index I_r	—	0.9	—
3.2.1	A 类装饰装修材料 Class A decorative materials	$I_{Ra} \leq 1.0$ $I_r \leq 1.3$	符合 Complied	P

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HJ/T 297-2006《环境标志产品技术要求 陶瓷砖》					
条款 Clause	性能 Properties	检验方法 Test Method	要求 Requirements	检验结果 Results	判定 Verdicts
5.1	内照射指数 I_{Ra} Internal exposure index I_{Ra}	GB 6566-2010	≤ 0.9	0.6	P
	外照射指数 I_r External exposure index I_r	GB 6566-2010	≤ 1.2	0.9	P
5.2	可溶性铅含量/(mg/kg) Lead release, in mg/kg	HJ/T 297-2006 Appendix A 附录 A	≤ 20	<2.0	P
	可溶性镉含量/(mg/kg) Cadmium release, in mg/kg	HJ/T 297-2006 Appendix A 附录 A	≤ 5	<0.40	P

用语说明 Possible test case verdicts

1. P(pass): 合格 *Test item does meet the requirement.*
2. F(fail): 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