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检测报告

TEST REPORT

报告编号:
REPORT NO.: 25202000537

样品名称:
NAME OF SAMPLE: 生态地铺石
ROCK TILES

委托单位:
APPLICANT: 泉州市华力陶瓷有限公司
QUANZHOU HUALI CERAMICS CO.,LTD.

检验日期:
DATE OF TEST: 12/03/2020 – 17/03/2020 (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

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样品名称 Name of sample	生态地铺石 ROCK TILES	名义尺寸 Nominal size (N)	60cm×120cm
表面特性 Nature of the surface	有釉砖 Glazed (GL)	工作尺寸 Work size (S _w)	600mm×1200mm×20.0mm
类别 Group	B I b	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	泉州市华力陶瓷有限公司 QUANZHOU HUALI CERAMICS CO.,LTD.	委托单位地址 Address of applicant	福建省南安市官桥镇下洋工业区 XIAYANG INDUSTRIAL ZONE, GUANQIAO TOWN, NANAN CITY, FUJIAN PROVINCE.
委托单位电话 Telephone of applicant	86-18029393299	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	12/03/2020
检验依据 Test Standard	GB/T 4100-2015《陶瓷砖》附录 G 干压陶瓷砖 (E≤0.5% B I a 类)		
检验结果 Results of Test	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.		
检验单位盖章 Stamp 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, Kuiqi 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 杨鹏 审核 李伟 批准 肖景仁
 Tested by Inspected by Approved by

佛山海关综合技术中心
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样品照片
Photo of Samples



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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 H.1 Table H.1	尺寸和表面质量 Dimensions and surface quality					
	长度 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	GB/T 3810.2-2016	$N \geq 150\text{mm}$	$\pm 0.6\%$	$-0.03\% \sim +0.01\%$	P
				$\pm 2.0\text{mm}$	$-0.1\text{mm} \sim 0$	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 deviation, of the average size for each tile (2 sides) from the work size	GB/T 3810.2-2016	$N \geq 150\text{mm}$	$\pm 0.6\%$	$+0.12\% \sim +0.18\%$	P
				$\pm 2.0\text{mm}$	$+0.4\text{mm} \sim +0.6\text{mm}$	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 3810.2-2016	$N \geq 150\text{mm}$	$\pm 5\%$	$-0.5\% \sim +0.2\%$	P
				$\pm 0.5\text{mm}$	$-0.1\text{mm} \sim 0$	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					
	长度 Length	GB/T 3810.2-2016	$N \geq 150\text{mm}$	$\pm 0.5\%$	$0 \sim +0.02\%$	P
				$\pm 1.5\text{mm}$	$0 \sim +0.1\text{mm}$	P
	宽度 Width	GB/T 3810.2-2016	$N \geq 150\text{mm}$	$\pm 0.5\%$	$+0.02\% \sim +0.05\%$	P
				$\pm 1.5\text{mm}$	$+0.1\text{mm} \sim +0.2\text{mm}$	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					
	长度 Length	GB/T 3810.2-2016	$N \geq 150\text{mm}$	$\pm 0.5\%$	$-0.08\% \sim -0.04\%$	P
				$\pm 2.0\text{mm}$	$-0.5\text{mm} \sim -0.3\text{mm}$	P
宽度 Width	GB/T 3810.2-2016	$N \geq 150\text{mm}$	$\pm 0.5\%$	$+0.04\% \sim +0.12\%$	P	
			$\pm 2.0\text{mm}$	$+0.1\text{mm} \sim +0.4\text{mm}$	P	
表面平整度: 最大允许偏差 Surface flatness: The maximum deviation from flatness						
a) 对于由工作尺寸计算的对角线的中心弯曲度 a) centre curvature, related to diagonal calculated from the work size;	GB/T 3810.2-2016	$N \geq 150\text{mm}$	$\pm 0.5\%$	$-0.06\% \sim +0.05\%$	P	
			$\pm 2.0\text{mm}$	$-0.4\text{mm} \sim +0.3\text{mm}$	P	

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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 G.1 Table G.1	b) 对于由工作尺寸计算的边弯曲度 b) edge curvature, related to the corresponding work sizes;					
	长度 Length	GB/T 3810.2-2016	$N \geq 150\text{mm}$	$\pm 0.5\%$	-0.04%~-0.01%	P
				$\pm 2.0\text{mm}$	-0.2mm~-0.1mm	P
	宽度 Width	GB/T 3810.2-2016	$N \geq 150\text{mm}$	$\pm 0.5\%$	-0.09%~-0.03%	P
				$\pm 2.0\text{mm}$	-0.3mm~-0.1mm	P
	c) 对于由于工作尺寸计算的对角线的翘曲度 c) warpage, related to diagonal calculated from the work size.	GB/T 3810.2-2016	$N \geq 150\text{mm}$	$\pm 0.5\%$	-0.12%~-0.08%	P
$\pm 2.0\text{mm}$				-0.8mm~-0.5mm	P	
表 H.1 Table H.1	表面质量 Surface quality	GB/T 3810.3-2016	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	
物理性能 Physical properties						
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%	0.07%~0.10%	P	
破坏强度/N Breaking strength, in N	GB/T 3810.4-2016		≥ 1300	8512	P	
断裂模数/(N/mm ²) Modulus of rupture, in N/mm ² 不适用于破坏强度 $\geq 3000\text{N}$ 的陶瓷砖 Not applicable to tiles with breaking strength $\geq 3000\text{N}$	GB/T 3810.4-2016		平均值 ≥ 35 Minimum 35	—	N/A	
			单个值 ≥ 32 Individual minimum 32	—	N/A	
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	5 级 Class 5	—	
			报告耐磨转数 Report cycles passed	9000	—	
抗釉裂性: 有釉砖 Crazing resistance: glazed tiles	GB/T 3810.11-2016		经试验应无釉裂 Required	样品经试验, 无釉裂 Fully resistance	P	

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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 H.1 Table H.1	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	
	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	GLA	—	
	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	GLA	—	
	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	GLA	—	
	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	GHA	—	
	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	GHA	—	
	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	GHA	—	
	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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报告结束 End of Test Report