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CNAS L1978

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检 测 报 告
TEST REPORT

报 告 编 号:
REPORT NO. : 2520170472OR

样 品 名 称:
NAME OF SAMPLE: 瓷砖 CERAMIC TILE

委 托 单 位:
APPLICANT: 佛山瓷堡陶瓷有限公司 MAX GLORY INTERNATIONAL LTD

检 验 日 期:
DATE OF TEST: 01/11/2017 – 10/11/2017 (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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检测报告
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Report No:

样品名称 Name of sample	瓷砖 CERAMIC TILE	名义尺寸 Nominal size	60cm×30cm
表面特性 Nature of the surface	有釉砖 Glazed (GL)	工作尺寸 Work size	600mm×300mm
类别 Class	P1	样品描述 Description of Samples	样品完好,适合测试 The samples are sound, intact and fit for test.
类型 Tile type	瓷质砖，磨边 Porcelain tile, Rectified	等级 Grade	标准 Standard
样品标记 Mark of samples	PIETRO PG6302P	样品数量 Quantity of samples	16 块 16 Pieces
委托单位 Applicant	佛山瓷堡陶瓷有限公司 MAX GLORY INTERNATIONAL LTD	委托单位地址 Address of applicant	广东省佛山市禅城区 岭南大道北 129 号碧桂园 城市花园中区 1 座 12 楼 FLOOR 12，BLDG 1，CENTRAL DISTRICT,COUNTRY GARDEN, NO.129 NORTH LINGNAN AVE,CHANCHENG DISTRICT, FOSHAN CITY,GUANGDONG PROVINCE,CHINA 528000
委托单位电话 Telephone of applicant	86-757-82663049	委托单位传真 Fax of applicant	86-757-83134181
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	31/10/2017
检验依据 Test Standard	1.ANSI A 137.1-2012 *American National Standard Specifications for Ceramic Tile* 2.EN 15771:2010 *Vitreous and porcelain enamels - Determination of surface scratch hardness according to the Mohs scale*		
检验结论 Conclusion of Test	1.样品经检验,所检验项目的检验结果符合 ANSI A 137.1-2012 标准的规定。 The results conform to the requirement of standard ANSI A 137.1-2012 with respect to the test items. 2.莫氏硬度的检验结果见报告第 5 页。 The test result of *scratch hardness of surface according to Mohs* see Page 5.		
检验单位盖章 Stamp of Test Unit	日期：14/11/2017 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. 4、本报告代替编号为“25201704720”的报告，原检验报告作废。 This report supersedes report No. 25201704720.		

检验 Tested by _____ 审核 Inspected by _____ 批准 Approved by _____

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ANSI A 137.1-2012 *American National Standard Specifications for Ceramic Tile*

条款 Clause	性能 Properties	检验方法 Test Method	要求 Requirements	检验结果 Results	判定 Verdicts
6.2.3.1	吸水率 Water Absorption	ASTM C373-16	≤0.5%	0.04%~0.07%	P
6.2.3.3	破坏强度/N Breaking Strength, in N	ASTM C648-04	平均值≥1100 Average≥1100	2597	P
			单个值≥1000 Individual≥1000	2366～2780	P
6.2.3.5	表面耐磨性 Visible Abrasion Resistance	ASTM C1027-99	报告检验结果 As Reported	Ⅳ 级 Class Ⅳ	—
6.2.3.8	耐化学腐蚀性 Chemical Resistance				
	醋酸溶液, 3% (v/v) Acetic acid, 3% (v/v)	ASTM C650-04	报告检验结果 As Reported	有变化 Affected	—
	醋酸溶液, 10% (v/v) Acetic acid, 10%(v/v)	ASTM C650-04	报告检验结果 As Reported	有变化 Affected	—
	氯化铵溶液, 100g/L Ammonium chloride, 100g/L	ASTM C650-04	报告检验结果 As Reported	无变化 Not affected	—
	柠檬酸溶液, 30g/L Citric acid solution, 30g/L	ASTM C650-04	报告检验结果 As Reported	无变化 Not affected	—
	柠檬酸溶液, 100g/L Citric acid solution, 100g/L	ASTM C650-04	报告检验结果 As Reported	有变化 Affected	—
	乳酸溶液, 5% (v/v) Lactic acid, 5% (v/v)	ASTM C650-04	报告检验结果 As Reported	有变化 Affected	—
	磷酸溶液, 3% (v/v) Phosphoric acid, 3% (v/v)	ASTM C650-04	报告检验结果 As Reported	有变化 Affected	—
	磷酸溶液, 10% (v/v) Phosphoric acid, 10% (v/v)	ASTM C650-04	报告检验结果 As Reported	有变化 Affected	—
	氨基磺酸溶液, 30g/L Sulfamic acid, 30g/L	ASTM C650-04	报告检验结果 As Reported	无变化 Not affected	—
	氨基磺酸溶液, 100g/L Sulfamic acid, 100g/L	ASTM C650-04	报告检验结果 As Reported	无变化 Not affected	—
	次氯酸钠溶液, 20mg/L Sodium hypochlorite solution, 20mg/L	ASTM C650-04	报告检验结果 As Reported	无变化 Not affected	—
	盐酸溶液, 3% (v/v) Hydrochloric acid solution, 3% (v/v)	ASTM C650-04	报告检验结果 As Reported	有变化 Affected	—
	盐酸溶液, 18% (v/v) Hydrochloric acid solution, 18% (v/v)	ASTM C650-04	报告检验结果 As Reported	有变化 Affected	—
	氢氧化钾溶液, 30g/L Potassium hydroxide, 30g/L	ASTM C650-04	报告检验结果 As Reported	有变化 Affected	—
	氢氧化钾溶液, 100g/L Potassium hydroxide, 100g/L	ASTM C650-04	报告检验结果 As Reported	有变化 Affected	—
	耐化学腐蚀性等级 Chemical Resistance Class	6.2.3.8	报告检验结果 As Reported	E 级 Class E	—

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ANSI A 137.1-2012 *American National Standard Specifications for Ceramic Tile*

条款 Clause	性能 Properties	检验方法 Test Method	要求 Requirements	检验结果 Results	判定 Verdicts
7.1	抗冻性: -18℃至(10~16)℃ Freeze/Thaw Cycling resistance: From-18℃ to (10~16)℃	ASTM C1026-13	报告检验结果 As Reported	15 次冻融循环后，样品无裂纹、破碎或其它导致降级的缺陷 None of tiles show evidence of degradation, chipping or crack after 15 cycles.	—

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.*

EN 15771:2010 *Vitreous and porcelain enamels - Determination of surface scratch hardness according to the Mohs scale*

性能 Properties	检验方法 Method	检验结果 Results
莫氏硬度 Scratch hardness of surface according to Mohs	EN 15771:2010	5

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报告结束 End of Test Report