AMORE



Bring the look of Italian elegance into your home with this beautiful gloss white wall.

300x900	300x600
Gloss White	Gloss White Satin White

GNS Ceramics recommends that our retail shops pass on the following information to the installer and end-user.

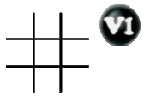
Ceramic tiles are only one component of a much larger building system. It is our experience that failure of any tiling system is very often the result of a combination of factors. For example; inappropriate design, type of substrate, surface preparation, temperature during installation, adhesives, incompatibility of products, product failure, environmental factors skill and knowledge of the installers etc; the latter being supplied or controlled by a variety of manufacturers and tradesmen. GNS Ceramics has no involvement in the design, selling and installation processes and once goods have been dispatched from our warehouse we have no control over where and how these products are used. As a result the project manager, and or the tiler are the only people in a position to ensure that all the components used in a project are compatible and that the product is installed in accordance with the Australian Building Code and the Australian Standards.

Installation Instructions for all types of tiles can be found in the GNS Ceramics Price List, and on our website. We suggest these are followed at all times.

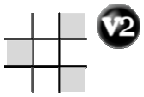
Cleaning and Maintenance

Do not use abrasive cleaners and chemicals which could permanently scratch and damage the surface of the tile. For daily cleaning we recommend the use of a mild PH Neutral detergent. Should a more vigorous cleaning programme be required we recommend the use of a proprietary tile cleaner from a specialty tile supplier.

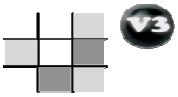
Colour & Pattern Variation Guide



Uniform Appearance



Slight Variation



Moderate Variation



High Variation

Classes of Use

The classification has taken into account the recommendations of the Australian Standards; however, they are given for general guidance only. They are valid for the given application under **NORMAL CONDITIONS** and should not be taken to provide accurate product specifications for specific requirements.
WARNING: Other standards and building code requirements may affect your selection of tiles.
Consideration should be given to the footwear, type of pedestrian traffic and cleaning methods expected. Floors should be adequately protected against soiling from following trades during installation; they should also be protected against scratching dirt at the entrances to building by interposing footwear cleaning devices. For example, mats, shoe scrapers, static devices, etc.

CLASS 0 - Tiles in this class are not recommended for use on floors.

INSPECTION AND QUARANTINE COMPREHENSIVE TECHNOLOGY CENTRE
OF FOSHAN ENTRY-EXIT INSPECTION & QUARANTINE BUREAU

CERTIFICATE
Of Conformity

正本 申请人存

Certificate No:	25201701627
Applicant:	GUANGDONG BODE FINE BUILDING MATERIAL CO.,LTD.
Address of Applicant:	LUBAO INDUSTRIAL ZONE,SANSHUI DISTRICT,FOSHAN CITY, GUANGDONG PROVINCE,CHINA.
Product:	CERAMIC TILE
Type designation:	See appendix to certificate of conformity
Technical data:	Dry-pressed ceramic tiles for Internal wall finishes and floorings, with water absorption $E>10\%$, Group BIII, Flat,Glazed, 60cm×30cm

The submitted samples of the above product have been tested for CE marking according to the following European Directives:

(EU)No.305/2011-the Construction Products Regulation

Standard used for showing compliance with the essential requirements in the specified directive:

Standard	Test report	Issued by	Date
EN 14411:2012	**25201701627**	**IQCTC of FSCIQ**	**Jun. 15, 2017**

The referred test report shows that the product complies with standard recognized as giving presumption of compliance with the essential requirements in the specified EU Directive.
After preparation of the necessary technical documentation as well as the conformity declaration the CE marking as shown below can be affixed on the product. Other relevant Directives have to be observed.
*This certificate is **NOT** valid for: i) uses in suspended ceilings; ii) uses subject to requirements against accidental fall of objects on to transit areas; iii) uses subject to dangerous substances regulations; iv) uses in vehicular circulation areas.*
This document is the property of Inspection and quarantine comprehensive technology centre of Foshan Entry-exit Inspection & Quarantine Bureau, and it is not transferable. Only the applicant may reproduce this certificate.

CE

XIAO JINGHONG
Director
Issue Date: Jun.15, 2017
Expiration Date: Jun.14, 2018

Note: This certificate is part of the full report and should be read in conjunction with it.

INSPECTION AND QUARANTINE COMPREHENSIVE TECHNOLOGY CENTRE OF FOSHAN ENTRY-EXIT INSPECTION & QUARANTINE BUREAU
2/F, Building 18, Lanshi International Metal Exchange Center, Kuiqiyi Road, Chancheng District, Foshan, Guangdong, China (528000)
TEL: 86-757-83960558 FAX: 86-757-83827971

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NSPECTION AND QUARANTINE COMPREHENSIVE TECHNOLOGY CENTRE
OF FOSHAN ENTRY-EXIT INSPECTION & QUARANTINE BUREAU

APPENDIX TO
Certificate of Conformity

Certificate No:	25201701627
Applicant:	GUANGDONG BODE FINE BUILDING MATERIAL CO.,LTD.
Address of Applicant:	LUBAO INDUSTRIAL ZONE,SANSHUI DISTRICT,FOSHAN CITY, GUANGDONG PROVINCE,CHINA.
Product:	CERAMIC TILE
Type designation:	BYG1001, BYF1904, BYF1902, BYF1930, BYF1931, BYF1932, BYF1933, BYF1936, BYF1938, BYF1939, BYF1940, BYF1941, BYF1942, BYF1704RW, BYF2705RW, BYF2706RW, BYF1901R, BYF8601R, BYF8603R, BYF1924R, BYF1925R, BYF1926R, BYF2501R, BYF2503R, BYF2563R, BYF6903R, BYF2703RW, BYF2704RW, BYF2707RW, BYF2708RW, BYF4602R, BYF7505R, BYF2601R, BYF2507, BYF4601, BYF1818, BYF1921, BYF2922, BYF1701C, BYF1702C, BYF1703C, BYF2801, BYF2802, BYF2803, BYF2804, BYF2805, BYF2507, BYF6801, BYF1911, BYF1912, BYF1913T, BYN1915T, BYN7915T, BYF1914T, BYN1914T, BYF1915T, BYF2930T, BYN2930T, BYG7001T, BYG8001T, BYF2916, BYN1801, BYG1002T, BYG1005T, BYN1001, BYN6905, BYN1004, BYN1005, BYN1006,BYN1007, BYN2509R, BYN2705RW, BYF8002, BYN8001, BYN2916, BYN2914, BYN2915, BYN6906, BYN8602R, BYN1003, BYN1008, BYF2924, BYF2902, BYF1906, BYF7902, BYF4695, BYF4696, BYN6904, BYF1903, BYF2901, BYF2903, BYN2906, BYF6903, BYF1707, BYF2701RC, BYN2701RC, BYK2315, BYK2225, BYK2226, BYK2223, BYK1226, BYK2227, BYK2211, BYK2212, BYK2213, BYK2215, BYK2216, BYK2217, BYK2218, BYK2219, BYK2222, BYK1213, BYK1215, BYK3221, BYK5214, BYK8220, BYF1924K, BYF1925K, BYF1926K, BYF2510K, BYK2229, BYK2232, BYK2231, BYK8230, BYK1213T, BYK8220T, BYK3221T, BYK2222T, BYK2217T, HYF1950R, HYF1951R, HYF1952R, HYF36003R, HYF36005R, HYF36007R, HYF36009R, HYF36068R, HYF36069R, HYF5135R, HYF2133R, HYF2134R, HYF8123R, HYF5127R, HYF8131R, HYF8132R, HYF8120R, HYF5114R, HYF1943R, HYF1945R, HYF2117R, HYF2118R, HYF36075, HYF36076, HYF5125R, HYF5122R, HYF5136R, HYF3112R, HYF2130R, HYF2124R, HYF8126R, HYF2129R, HYF36001, HYF2115, HYF2111, HYF8128, HYF2117, HYF5114, HYF8131, HYF6113, HYF2133, HYF8120, HYF3119, HYF8123, HYF6121, HYF5116, HYF2118, HYF8132, HYF5135, HYF2134, HYF5127, HYF2921, HYF8003, HYF2920, HYF36000, HYF1936, HYF1938, HYF1930, HYF1931, HYF1932, HYF1933, HYF1902, HYF1942, HYF1943, HYF1945, HYF1946, HYF1922, HYF36006R, HYF36073T, BYK3333, BYK8334, BYK8350, BYK2351, BYK6352, BYK2353, BYK9354, BYK5355, BYK9355, BYK1356, BYK2231, BYK2232, BYK1213T, BYK8220T, BYK3221T, BYK2222T, BYK2217T, BYK1226T, BYK2223T, BYK2225T, BYK2227T, BYK4224T

Note: This certificate is part of the full report and should be read in conjunction with it.

INSPECTION AND QUARANTINE COMPREHENSIVE TECHNOLOGY CENTRE OF FOSHAN ENTRY-EXIT INSPECTION & QUARANTINE BUREAU
2/F, Building 18, Lanshi International Metal Exchange Center, Kuiqiyi Road, Chancheng District, Foshan, Guangdong, China (528000)
TEL: 86-757-83960558 FAX: 86-757-83827971

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正本 申请人存

NSPECTION AND QUARANTINE COMPREHENSIVE TECHNOLOGY CENTRE
OF FOSHAN ENTRY-EXIT INSPECTION & QUARANTINE BUREAU

APPENDIX TO
Certificate of Conformity

Certificate No:	25201701627
Applicant:	GUANGDONG BODE FINE BUILDING MATERIAL CO.,LTD.
Address of Applicant:	LUBAO INDUSTRIAL ZONE,SANSHUI DISTRICT,FOSHAN CITY, GUANGDONG PROVINCE,CHINA.
Product:	CERAMIC TILE
Type designation:	BYG9001T，BYN9002T，BYG9003T，BYN9004T，BYG9005T，BYN9006T，BYG9007T，BYN9008T，BYG9009T，BYN9010T，BYG9007，BYN9008，BYG9009，BYN9010，BYK1407，BYK1408，BYK1415，BYK1416，BYK1480，BYK1481，BYK1482，BYK1483，BYK2480，BYK2480T，BYK9355，BYK9355T，BYK1526T，BYK1527T，BYK1528T，BYK1446T，BYK1447T，BYK1529T，BYG1510T，BYK1445T，BYK1470，BYF1456R，BYF1457，BYK1469，BYK1533，BYK1524，BYK1525，BYK1520，BYK1521，BYK1530，BYK1531，BYK1522，BYK1523，BYK1532，BYG1534T，BYK1444T，BYK1535，BYK1536，BYN1456R，BYN1457R，BYF1454，BYF1705R，BYF6904K，BYN1455，BYK1545，BYK1546，BYK1550，BYK1552，BYK1553，BYK1554，BYF1601

正本 申请人存

Note: This certificate is part of the full report and should be read in conjunction with it.

INSPECTION AND QUARANTINE COMPREHENSIVE TECHNOLOGY CENTRE OF FOSHAN ENTRY-EXIT INSPECTION & QUARANTINE BUREAU
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TEL: 86-757-83960558 FAX: 86-757-83827971

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中国认可
国际互认
检测
TESTING
CNAS L1978

160000122473

检 测 报 告
TEST REPORT

报 告 编 号:
REPORT NO. : 25201701627

样 品 名 称:
NAME OF SAMPLE: 釉面砖 CERAMIC TILE

委 托 单 位:
APPLICANT: 广东博德精工建材有限公司 GUANGDONG BODE FINE BUILDING MATERIAL CO.,LTD.

检 验 日 期:
DATE OF TEST: 11/05/2017 – 06/06/2017 (dd/mm/yy)

国 家 建 筑 卫 生 陶 瓷 检 测 重 点 实 验 室
STATE KEY TESTING LABORATORY OF 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

FSIQTC-T 2(1)/A

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

检测报告
TEST REPORT

报告编号： 25201701627
Report No:

样品名称 Name of sample	釉面砖 CERAMIC TILE	名义尺寸 Nominal size (N)	60cm×30cm
表面特性 Nature of the surface	有釉 Glazed (GL)	工作尺寸 Work size	600mm×300mm×9.8mm
类别 Group	BIII	预期用途 Intended use	室内墙地砖 Internal wall finishes and floorings
样品标记 Mark of samples	BYG1001	样品数量 Quantity of samples	30 块 30 Pieces
委托单位 Applicant	广东博德精工建材有限公司 GUANGDONG BODE FINE BUILDING MATERIAL CO.,LTD.	委托单位地址 Address of applicant	广东省佛山市三水区芦苞镇工业开发区 LUBAO INDUSTRIAL ZONE, SANSHUI DISTRICT,FOSHAN CITY,GUANGDONG PROVINCE,CHINA
委托单位电话 Telephone of applicant	86-757-82526994	委托单位传真 Fax of applicant	86-757-82526994
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	09/05/2017
检验依据 Test Standard	1. EN 14411:2012 *Ceramic tiles – Definitions, classification, characteristics, evaluation of conformity and marking* Annex K *Requirements for dry-pressed ceramic tiles of Group BIII (E_b>10%)* 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 EN 14411:2012 标准中附录 K 的规定。 The results conform to the requirement of Annex K of standard EN 14411:2012 with respect to the test items. 2. 莫氏硬度的检验结果见报告第 8 页。 The test result of scratch hardness of surface according to Mohs see Page 8.		
检验单位盖章 Stamp of Test Unit	日期: 15/06/2017 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.		

检验负责人 Tested by _____ 审核 Inspected by _____ 批准 Approved by _____

FSIQTC-T 2(1)/A

检测报告
TEST REPORT

报告编号： 25201701627
Report No:

委托单位声明
Remark of applicant

产品系列名称：釉面砖
Product family: CERAMIC TILE
表面特性：平面，有釉
Nature of the surface: Flat, Glazed (GL)
产品类别 Group: BIII
名义尺寸 Nominal size (N): 60cm×30cm
本系列所包含的产品型号 Items in the family:

BYG1001，BYF1904，BYF1902，BYF1930，BYF1931，BYF1932，BYF1933，BYF1936，
BYF1938，BYF1939，BYF1940，BYF1941，BYF1942，BYF1704RW，BYF2705RW，BYF2706RW，BYF1901R，
BYF8601R，BYF8603R，BYF1924R，BYF1925R，BYF1926R，BYF2501R，BYF2503R，BYF2563R，BYF6903R，
BYF2703RW，BYF2704RW，BYF2707RW，BYF2708RW，BYF4602R，BYF7505R，BYF2601R，BYF2507，
BYF4601，BYF1818，BYF1921，BYF2922，BYF1701C，BYF1702C，BYF1703C，BYF2801，BYF2802，BYF2803，
BYF2804，BYF2805，BYF2507，BYF6801，BYF1911，BYF1912，BYF1913T，BYN1915T，BYN7915T，BYF1914T，
BYN1914T，BYF1915T，BYF2930T，BYN2930T，BYG7001T，BYG8001T，BYF2916，BYN1801，BYG1002T，
BYG1005T，BYN1001，BYN6905，BYN1004，BYN1005，BYN1006,BYN1007，BYN2509R，BYN2705RW，
BYF8002，BYN8001，BYN2916，BYN2914，BYN2915，BYN6906，BYN8602R，BYN1003，BYN1008，BYF2924，
BYF2902，BYF1906，BYF7902，BYF4695，BYF4696，BYN6904，BYF1903，BYF2901，BYF2903，BYN2906，
BYF6903，BYF1707，BYF2701RC，BYN2701RC，BYK2315，BYK2225，BYK2226，BYK2223，BYK1226，
BYK2227，BYK2211，BYK2212，BYK2213，BYK2215，BYK2216，BYK2217，BYK2218，BYK2219，BYK2222，
BYK1213，BYK1215，BYK3221，BYK5214，BYK8220，BYF1924K，BYF1925K，BYF1926K，BYF2510K，
BYK2229，BYK2232，BYK2231，BYK8230，BYK1213T，BYK8220T，BYK3221T，BYK2222T，BYK2217T，
HYF1950R，HYF1951R，HYF1952R，HYF36003R，HYF36005R，HYF36007R，HYF36009R，HYF36068R，
HYF36069R，HYF5135R，HYF2133R，HYF2134R，HYF8123R，HYF5127R，HYF8131R，HYF8132R，HYF8120R，
HYF5114R，HYF1943R，HYF1945R，HYF2117R，HYF2118R，HYF36075，HYF36076，HYF5125R，HYF5122R，
HYF5136R，HYF3112R，HYF2130R，HYF2124R，HYF8126R，HYF2129R，HYF36001，HYF2115，HYF2111，
HYF8128，HYF2117，HYF5114，HYF8131，HYF6113，HYF2133，HYF8120，HYF3119，HYF8123，HYF6121，
HYF5116，HYF2118，HYF8132，HYF5135，HYF2134，HYF5127，HYF2921，HYF8003，HYF2920，HYF36000，
HYF1936，HYF1938，HYF1930，HYF1931，HYF1932，HYF1933，HYF1902，HYF1942，HYF1943，HYF1945，
HYF1946，HYF1922，HYF36006R，HYF36073T，BYK3333，BYK8334，BYK8350，BYK2351，BYK6352，
BYK2353，BYK9354，BYK5355，BYK9355，BYK1356，BYK2231，BYK2232，BYK1213T，BYK8220T，
BYK3221T，BYK2222T，BYK2217T，BYK1226T，BYK2223T，BYK2225T，BYK2227T，BYK4224T，BYG9001T，
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BYK1533，BYK1524，BYK1525，BYK1520，BYK1521，BYK1530，BYK1531，BYK1522，BYK1523，BYK1532，
BYG1534T，BYK1444T，BYK1535，BYK1536，BYN1456R，BYN1457R，BYF1454，BYF1705R，BYF6904K，
BYN1455，BYK1545，BYK1546，BYK1550，BYK1552，BYK1553，BYK1554，BYF1601

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.

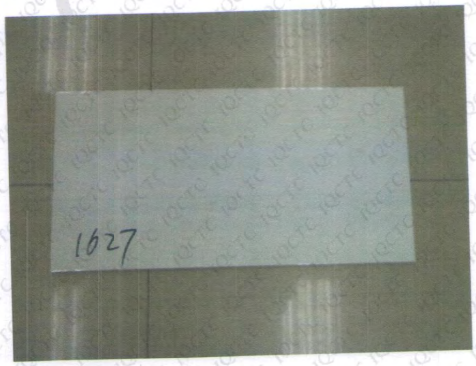
佛山出入境检验检疫局检验检疫综合技术中心
INSPECTION AND QUARANTINE COMPREHENSIVE TECHNOLOGY CENTRE OF FOSHAN ENTRY-EXIT INSPECTION & QUARANTINE BUREAU

检测报告
TEST REPORT

报告编号： 25201701627
Report No:

样品照片
Photo of Samples





FSIQTC-T 2(1)/A

检测报告
TEST REPORT

EN 14411:2012 *Ceramic tiles – Definitions, classification, characteristics, evaluation of conformity and marking*
Annex K *Requirements for dry-pressed ceramic tiles of Group BIII* ($E_b > 10\%$)

条款 Clause	性能 Properties	检验方法 Test Method	要求 Requirements	检验结果 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 deviation,of the average size for each tile (2 sides) from the work size	EN ISO 10545-2	±0.5%	-0.06%~-0.02%	P
			±2.0mm	-0.4mm~-0.1mm	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	EN ISO 10545-2	±0.5%	+0.02%~+0.11%	P
			±2.0mm	0~+0.3mm	P
A.2	厚度 **Thickness**				
	应声明厚度 The thickness shall be specified	—	声明厚度 Declared thickness	9.8mm	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 permissible deviation, of the average thickness of each tile from the work size thickness	EN ISO 10545-2	±10%	-0.7%~+1.0%	P
			±0.5mm	-0.1mm~+0.1mm	P
A.3	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	EN ISO 10545-2	±0.3%	+0.01%	P
			±1.5mm	0~+0.1mm	P
	宽度 Width		±0.3%	-0.01%~+0.02%	P
			±1.5mm	0	P
A.4	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	EN ISO 10545-2	±0.5%	+0.05%~+0.08%	P
			±2.0mm	+0.3mm~+0.5mm	P
	宽度 Width	EN ISO 10545-2	±0.5%	+0.03%~+0.05%	P
			±2.0mm	+0.1mm~+0.2mm	P

检测报告
TEST REPORT

EN 14411:2012 *Ceramic tiles – Definitions, classification, characteristics, evaluation of conformity and marking*
Annex K *Requirements for dry-pressed ceramic tiles of Group BIII* (E_b > 10%)

条款 Clause	性能 Properties	检验方法 Test Method	要求 Requirements	检验结果 Results	判定 Verdicts
A.5	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;	EN ISO 10545-2	+0.5% -0.3%	-0.02%~0	P
			+2.0mm -1.5mm	-0.1mm~0	P
	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	EN ISO 10545-2	+0.5% -0.3%	+0.04%~+0.07%	P
			+2.0mm -1.5mm	+0.3mm~+0.4mm	P
	宽度 Width	EN ISO 10545-2	+0.5% -0.3%	+0.02%~+0.04%	P
			+2.0mm -1.5mm	0~+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.	EN ISO 10545-2	±0.5%	+0.02%~+0.03%	P
			±2.0mm	+0.1mm~+0.2mm	P
A.6	表面质量 **Surface quality**	EN ISO 10545-2	至少有 95%的砖其主要区域无明显缺陷 A minimum of 95% of the tiles shall be free from visible defects that would impair the appearance of a major area of tiles	100%	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	E_b>10%	17.8%	P
			单个值不小于 9% Individual minimum 9%	17.5%～18.2%	P
B.2	破坏强度/N **Breaking strength, in N**	EN ISO 10545-4	≥600	1230	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	≥12	23.9	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	报告耐磨级别 Report abrasion class	4 级 Class 4	—
			报告耐磨转数 Report cycles passed	2100	—

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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
B.5	线性热膨胀系数：室温~100℃ **Coefficient of linear thermal expansion**: from ambient temperature to 100℃	EN ISO 10545-8	报告检验结果 Declared value	$5.4\times10^{-6}℃^{-1}$	—
B.6	抗热震性 **Thermal shock resistance**	EN ISO 10545-9	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	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	应通过此项测试 Pass	所有样品无裂纹或破损 Fully resistance	P
B.9	防滑性能 **Slipperiness**				
	倾斜平台法，动态临界角，α_{shod} Shod Ramp Test, critical angle, α_{shod}	DIN 51130	报告检验结果 Declared value	2.1°	—
	摆锤法，PTV 96 Pendulum friction test , PTV 96	CEN/TS 16165 附录 C Annex C	报告检验结果 Declared value	干法 Dry：60 湿法 Wet：8	—
B.11	湿膨胀 **Moisture expansion, in mm/m**	EN ISO 10545-10	报告检验结果 Declared value	0.03	—
B.13	抗冲击：恢复系数 **Impact resistance**: Coefficient of restitution (COR)	EN ISO 10545-5	报告检验结果 Declared value	0.76	—
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)轻油中的铬绿 a) Green staining agent in light oil	EN ISO 10545-14	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	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	不低于 3 级 Minimum Class 3	5 级 Class 5	P
	d)橄榄油 d) Olive oil	EN ISO 10545-14	不低于 3 级 Minimum Class 3	5 级 Class 5	P

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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
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				
	家庭化学试剂：氯化铵溶液，100g/L a) Household chemicals: Ammonium chloride, 100g/L	EN ISO 10545-13	不低于 B 级 Minimum class B	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	EN ISO 10545-13	不低于 B 级 Minimum class B	GA	P
C.2	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	报告检验结果 Declared value	GLA	—
	b) 柠檬酸溶液，100g/L b) Citric acid solution, 100g/L	EN ISO 10545-13	报告检验结果 Declared value	GLA	—
	c) 氢氧化钾溶液，30g/L c) Potassium hydroxide, 30g/L	EN ISO 10545-13	报告检验结果 Declared value	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)	EN ISO 10545-13	报告检验结果 Declared value	GHA	—
	b) 5 %乳酸溶液(v/v) b) Lactic acid, 5 % (v/v)	EN ISO 10545-13	报告检验结果 Declared value	GHA	—
	c) 氢氧化钾溶液，100g/L c) Potassium hydroxide, 100g/L	EN ISO 10545-13	报告检验结果 Declared value	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.*

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	4

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报告结束 End of Test Report

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