

MOROCCO

Look to the past for some present day inspiration. The Morocco series affords designers and discerning home owners numerous options and opportunities to spice up their space. These gorgeously intricate Arabesque-inspired tiles can be used on a floor but can look as equally stunning on interior walls. Piece together a captivating patchwork design to invite the spice of Moroccan life into your bathroom, kitchen or living room.

GNS CERAMICS
EXCLUSIVELY WHOLESALE

MOROCCO



2MORIRJD – IRANIAN JADE



2MORPEBL – PERSIAN BLUE



2MORTUBL – TURKISH BLUE

200 MM
200 MM

Gloss Finish

Glazed Porcelain

Rectified Edge

V1
Variation

Floor Cat. 2

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

Click or Scan for Installation Instructions

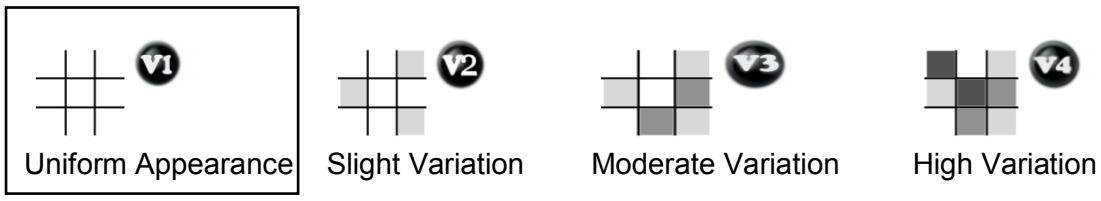
Ceramic tiles are only one component of a much larger building system. It is our experience that failure of any tiling system is very often the result of a combination of factors. For example; inappropriate design, type of substrate, surface preparation, temperature during installation, adhesives, incompatibility 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



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 2 - Floor coverings in areas that are walked on with soft-soled or normal footwear with, at the most, occasional small amounts of scratching dirt; For example, main bathrooms, bedrooms with the exception of those areas that experience heavy pedestrian traffic, i.e. work boots, stilettos, and outdoor shoes.

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： 25201600052

Report No:

样品名称 Name of sample	*Glazed Tiles*	名义尺寸 Nominal size (N)	20 cm×20cm
表面特性 Nature of the surface	有釉 Glazed (GL)	工作尺寸 Work size	200 mm×200mm×11.1mm
类别 Group	B Ⅰ b	预期用途 Intended use	室内墙地砖 Internal wall finishes and floorings
样品标记 Mark of samples	P201	样品数量 Quantity of samples	30 块 30 Pieces
委托单位 Applicant	Atlantis International Co.,Ltd	委托单位地址 Address of applicant	广东省佛山市华夏陶瓷城四环路 5 座 34-37 号 NO.34-37, 5TH BUILDING, HUAXIA CERAMICS CITY, NANZHUANG, FOSHAN CITY, GUANGDONG, CHINA
委托单位电话 Telephone of applicant	86-757-83551278	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	05/01/2018
检验依据 Test Standard	EN 14411:2012 *Ceramic tiles – Definitions, classification, characteristics, evaluation of conformity and marking* Annex J *Requirements for dry-pressed ceramic tiles of Group B Ⅰ b (0.5<E_b≤3%)*		
检验结论 Conclusion of Test	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 J 的规定。 The results conform to the requirement of Annex J of standard EN 14411:2012 with respect to the test items.		
检验单位盖章 Stamp of Test Unit	佛山出入境检验检疫局检验检疫综合技术中心 INSPECTION AND QUARANTINE BUREAU (1) TECHNOLOGY CENTRE OF FOSHAN ENTRY-EXIT 日期：15/01/2017 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 _____

委托单位声明
Remark of applicant

生产单位 Manufacturer： 晋江市中荣陶瓷建材有限公司

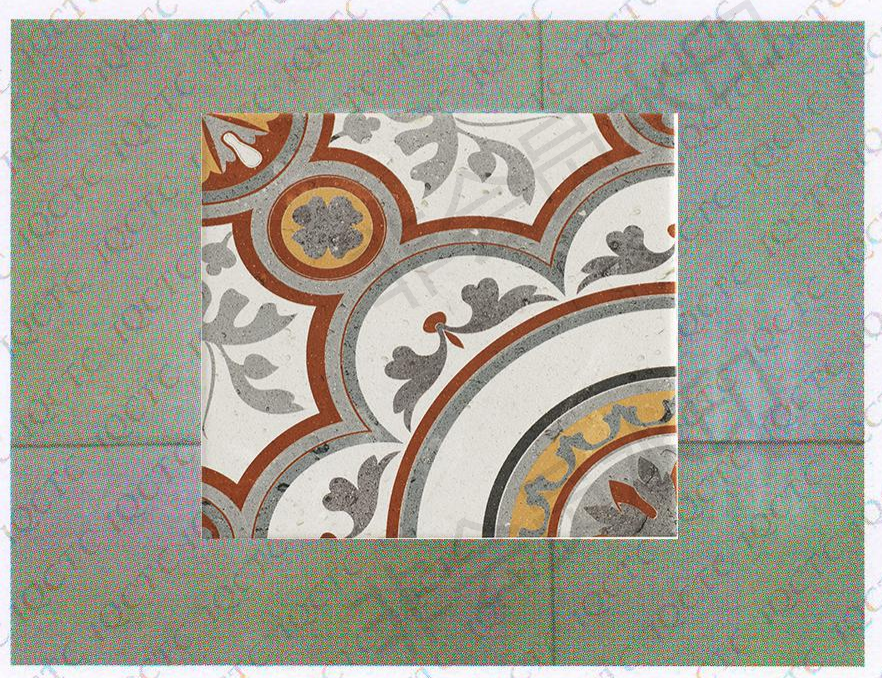
产品系列名称： 手绘小花砖
Product family: *Glazed Tiles*
表面特性：平面，有釉
Nature of the surface: Smooth, Glazed (GL)
产品类别 Group： BⅠb
名义尺寸 Nominal size (N)： 20cm×20cm

本系列所包含的产品型号 Items in the family:

原边单款系列 **Original Side Single Series**， 摩洛哥亮光系列 **Morocco Glossy Series**，缤纷水泥系列**Colorful Cement Series**
蓝色布纹系列**Blue Linen Series**， 花样水泥系列**Polychrome Cement Series**，梦幻气泡系列**Dream Bubble Series**
现代黑白系列**Classic Black and White Series**，灰色水泥系列**Cement Flower Series**，米兰世界系列**Mediterran Series**
仿古系列**Autumn Flower Series**， 黑白永恒系列**Modem Black and White Series**， 几何风采系列**Colored Geometric Series**，
花海系列**Flower Sea Series**，民族风唐卡系列**Thang-Ga Series**，波西米亚系列**The Ancient Kingdom Series**，东洋花系列**Janpanese Style Series**
时光机系列**Time Machine Series**， 星空+油画系列**Starry Sky+Oil Painting Series**， 甲骨文系列**Oracle Series**
原边汽车系列**Primary Car Series**， 原边音乐家系列**Musician Series**，原边巴黎风情系列**Fomer Times Series**， 原边老上海系列**Journey Series**

样品照片
Photo of Samples





EN 14411:2012 *Ceramic tiles – Definitions, classification, characteristics, evaluation of conformity and marking*
Annex J *Requirements for dry-pressed ceramic tiles*

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	±0.6%	0~+0.06%	P
			±2.0mm	0~+0.5mm	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	±0.6%	-0.14%~-0.02%	P
			±2.0mm	-0.2mm~0	P
A.2	**厚度 Thickness**				
	应声明厚度 The thickness shall be specified	—	声明厚度 Declared thickness	11.1mm	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	±5%	+0.11%~+0.99%	P
			±0.5mm	0 ~+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	EN ISO 10545-2	±0.5%	-0.01%~+0.02%	P
			±1.5mm	-0.1mm ~+0.1mm	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	EN ISO 10545-2	±0.5%	-0.06%~+0.02%	P
			±2.0mm	-0.5mm~0	P
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%	+0.08%~+0.10%	P
			±2.0mm	+0.7mm~+0.8mm	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;	EN ISO 10545-2	±0.5%	-0.18%~+0.15%	P
			±2.0mm	-0.3mm~+0.6mm	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%	-0.06%~-0.03%	P
			±2.0mm	-0.5mm~-0.3mm	P

EN 14411:2012 *Ceramic tiles – Definitions, classification, characteristics, evaluation of conformity and marking*
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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
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	0.5%＜E_b≤ 3%	0.9%	P
			单个值不大于 3% Individual maximum 3%	0.8% ～ 1.0%	P
B.2	破坏强度/N **Breaking strength, in N**	EN ISO 10545-4	≥800	1580	P
B.3	断裂模数/(N/mm^2) **Modulus of rupture, in N/mm^2** 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	平均值≥18 Minimum 18	25.8	P
			单个值≥16 Individual minimum 16	24.9 ～ 26.9	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	3 级 Class 3	—
			报告耐磨转数 Report cycles passed	750	—
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.9	防滑性能 **Slipperiness**	DIN 51130	报告检验结果 Declared value	α ges: 2.9°	—
				类别 Classification：/	—
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

佛山出入境检验检疫局检验检疫综合技术中心
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EN 14411:2012 *Ceramic tiles – Definitions, classification, characteristics, evaluation of conformity and marking*
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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	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
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				
	a)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
	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.*

*** ***

报告结束 End of Test Report