

Alice

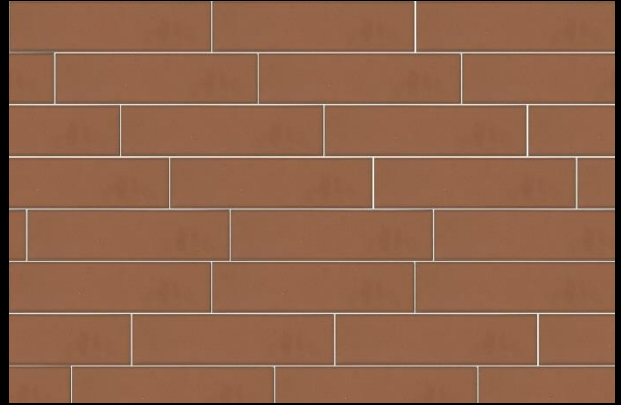
Exuding old world charm with modern practicality the Alice is inspired by our famous sun soaked red centre, perfect for any outdoor space or alfresco area. Now available in a 60x240mm subway tile.



Alice
Red Terracotta



60x240mm



Random Brick pattern



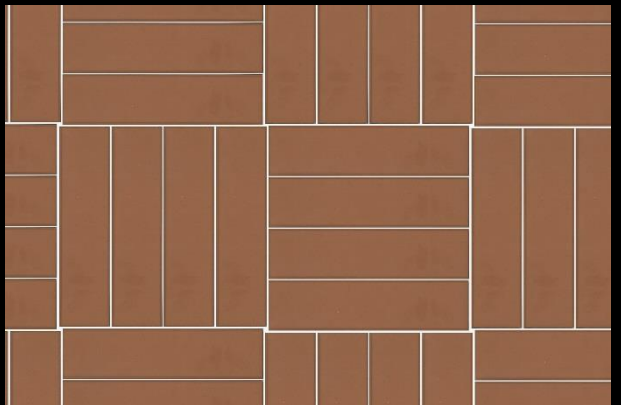
300x300mm



Herringbone pattern



300x300mm Bullnose



Basket weave pattern



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

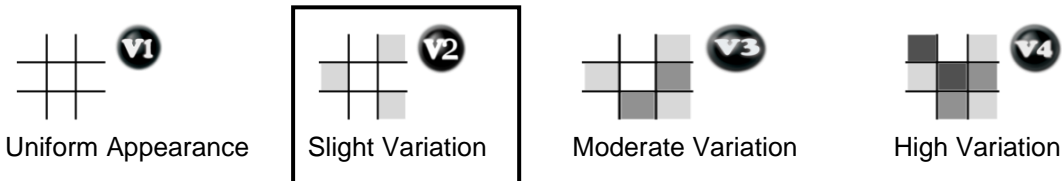
Ceramic tiles are only one component of a much larger building system. It is our experience that failure of any tiling system is very often the result of a combination of factors. For example; inappropriate design, type of substrate, surface preparation, temperature during installation, adhesives, incompatibility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



Slip Resistance

The best way to minimise the risk of slipping is through safe design principals. This involves a risk management approach which evaluates the likelihood and consequence of an incident to occur. Slip resistive flooring is only one of the design components to consider, other design features should also be considered, including awnings, airlocks, matting and a suitable cleaning regime to reduce the extent of contaminates. Visual aids, warning signs, handrails and lighting, along with the footwear to be worn, should also be considered.

All ceramic tiles can be slippery, particularly when wet. This includes tiles, commonly used in wet areas such as bathrooms. It is important that customers be aware of the potential danger of wet ceramic tiles and seek advice from the retailer as to the level of slip-resistance of any particular tile, and its suitability for the intended application. If there is any doubt, tiles should be tested for slip-resistance immediately after being laid, under the conditions that they will be subject to during use. While tiles may achieve an acceptable standard in a laboratory test, it is quite probable that the performance in-situ will be less than expected, due to installation methods, wear & tear, cleaning regimes and unforeseen circumstances. Test results should therefore to be seen as a relative guide to estimate the merits of one tile versus another and should be used in conjunction with the Australian Building Code and the relevant Australian Standards. Further information on slip resistance is provided in the Australian Standards HB197:1999 and HB198:2014 - An Introductory guide to the slip resistance of pedestrian surface materials.

There are many factors beyond the control of the supplier that can affect the level of slip-resistance of tiles, or contribute to the incidents of injury through slipping. Consequently, the laboratory test results presented here must not be viewed to mean that GNS Ceramics Pty Ltd, is providing any warranty, nor will accept any liability for personal injury or accidents arising from the selection or installation of tiles under any circumstances.

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 4 - Floor coverings that are walked on by regular traffic with some scratching dirt so that conditions are more severe than CLASS 3; For example, entrances, laundries with external access, living areas, entertainment areas, patio's, sales rooms, motels.



PHIẾU KẾT QUẢ THÍ NGHIỆM TEST REPORT

Số (No) 2096 /TTGSTT-VLXD

- | | |
|-------------------------------------|--|
| 1. Đơn vị gửi mẫu /Client | : Công Ty Cổ Phần Công Nghiệp Minh Quân |
| 2. Loại mẫu /Type of sample | : Gạch gốm ốp lát |
| 3. Tên mẫu /Name of sample | : Gạch gốm ốp lát Alla, KT(300x300)mm |
| 4. Địa chỉ /Address | : Số 6, ngõ 91, Trần Duy Hưng, P. Trung Hoà, Q. Cầu Giấy, Hà Nội |
| 5. Số phiếu kế hoạch /Reg, No | : 154/Vilas GS |
| 6. Ngày nhận mẫu /Date of receiving | : 30/07/2015 |

Working size Kích thước làm việc: (300x300)mm Surface area Diện tích bề mặt: 900 cm²

STT	Tên chỉ tiêu	Unit Đơn vị	Result Kết quả	Vietnam Standard technical require	Overestimate Đánh giá
1	Độ hút nước Water absorption	%	3,4	3 < E ≤ 6	Suitable with Alla group
2	Độ bền uốn Modulus of rupture	MPa	24,5	≥ 20	Pass Đạt tiêu chuẩn
3	Hệ số giãn nở ẩm Moisture expansion	mm/m	0,14	≤ 0,6	Đạt tiêu chuẩn
4	Độ chịu mài mòn sâu Resistance to deep	mm ³	156	≤ 393	Đạt tiêu chuẩn
5	Hệ số giãn nở nhiệt dài Coefficient of linear thermal expansion	10 ⁻⁶ /°C	6,8	≤ 10	Đạt tiêu chuẩn
6	Sai lệch kích thước Dimension deviation				
6.1	The deviation of size from the work size	%	-0,17	±1,5	Đạt tiêu chuẩn
6.2	The deviation of size from the average size of the test specimens	%	0,23	±1,5	Đạt tiêu chuẩn
6.3	The deviation of average thickness from the work size thickness	%	1,44	±10,00	Đạt tiêu chuẩn
6.4	The maximum deviation of straightness from the work size	%	-0,20	±1,0	Đạt tiêu chuẩn
6.5	The maximum deviation of rectangularity from the work size	%	-1,10	±1,5	Đạt tiêu chuẩn
6.6	Độ phẳng mặt tính tại 3 vị trí Surface flatness at 3 position				
	Cong trung tâm Center curvature	%	0,10	± 1,0	Đạt tiêu chuẩn
	Cong cạnh mép Edge curvature	%	0,20	± 1,0	Đạt tiêu chuẩn
	Vênh góc Warpage	%	0,30	± 1,5	Đạt tiêu chuẩn
6.7	Chất lượng bề mặt Surface quality	%	98	≥ 95	Đạt tiêu chuẩn

Hà nội, ngày 12/8/2015

Phương pháp thử: TCVN 6415:2005

VIỆN VẬT LIỆU XÂY DỰNG
VIBM

PTN VILAS 003 TRUNG TÂM GS - TT
VILAS 003 Glass and Ceramic Centre

CÁN BỘ THỬ NGHIỆM
Tester



PHÓ VIỆN TRƯỞNG
Lưu Chi Hồng

Nguyễn Hữu Tài

Quách Thanh Tùng
Nguyễn Văn Trung

Ghi chú (Note):

- Mẫu do khách hàng gửi đến phòng thí nghiệm VILAS 003-Viện Vật liệu xây dựng. Tên cơ quan gửi mẫu, tên mẫu trên Phiếu kết quả thử nghiệm do khách hàng đặt. (Samples were sent to lab VILAS 003-VIBM. Name of client and sample as client's request).
- Kết quả thử nghiệm chỉ có giá trị với mẫu. Không được sao trích một phần Phiếu kết quả này khi không được đồng ý bằng văn bản của phòng thí nghiệm VILAS 003. (The text report valid for sample only. This test report shall not reproduced except in full, without the written approval of VILAS 003).
- Dấu VILAS 003 không bao gồm phép thử dấu (*). The VILAS 003 symbol not used for(*) test methods.



A division of Safe Environments Pty Ltd
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24 January 2017

Test Report No. R13082

Slip Resistance Classification of New Pedestrian Surface Materials

AS 4586:2013 Appendix A (Wet Pendulum Test)

The slip resistance Classification has been determined for unused surfaces using specific conditions. Factors such as usage, cleaning systems, applied coatings and patterns of wear may affect the characteristics of the surface.

Requested by: GNS Ceramics
Client Address: 3 Cox Place
Glendenning NSW 2761
Product Manufacturer: Toko
Product Description: Natural Terracotta 300 x 300

Test conducted according to: AS 4586:2013 Appendix A
Location: Slip Check Pty Ltd Test Facilities, Blacktown NSW 2148
Conducted by: Dale Rowell

Date: 24 January 2017 Temperature: 30°C
Sample: Unfixed Cleaning: None
Rubber slider used: Slider 96 Conditioned: Grade P 400 paper dry followed
Slope of specimen: Tested on a flat level surface by wet lapping film
Direction of Test: NA

	Specimen 1	Specimen 2	Specimen 3	Specimen 4	Specimen 5
Mean BPN of last 3 swings:	54	57	61	57	61

Reported SRV of Sample:	58
Class:	P5




Ryan Voorderhake
Technician

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**GNS Ceramics - Minh Quan Industry BURGUNDY 246TTD01 FULL BODY
TERRACOTTA SUBWAY - Wet Sliptest - BO181219-8**

18 Dec 2019

Slip Resistance Classification of New Pedestrian Surfaces - AS4586:2013 Appendix A

Date Tested:	18 Dec 2019
Test Report Number:	BO181219-8
Client Name & Address:	GNS Ceramics Pty Ltd - 3 Cox Place GLENDEENING NSW 2761
Test Site / Surface Tested :	Minh Quan Industry BURGUNDY 246TTD01 FULL BODY TERRACOTTA SUBWAY MATT TILES - 60x240mm
Sample Information :	Samples and Test Information Supplied by Client
Wet Pendulum Test carried out using :	Slider 96 (4S) Rubber slider
Record ambient temperature (°C)	28
Testing Officer :	Blair Ordning
Testing Officer :	#0604 - Munro Portable Skid Tester #0604 - 06.02.18
Testing Officer Signatory:	

Test Results :

Sample No.	Swing 1	Swing 2	Swing 3	Swing 4	Swing 5	Mean BPN of last 3 swings :	Surface Picture
1	60	60	60	60	60	60	
2	60	60	60	60	60	60	
3	60	60	60	60	60	60	
4	60	60	60	60	60	60	
5	60	60	60	60	60	60	

Mean BPN Slip Resistance Value (SRV) 60

CLASSIFICATION using Slider 96 (4S Slider) P5 = > 54

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