

Bluestone

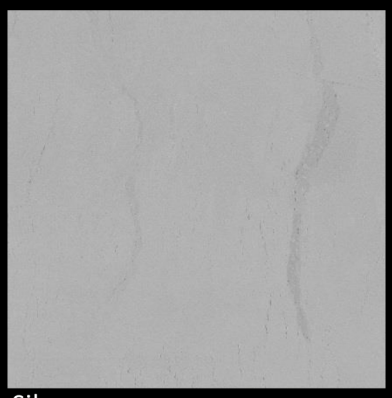
The Victorian Bluestone series is an intricate, nuanced, rich and stunningly beautiful design, made with extraordinary attention to detail. The Bluestone range is now available in three sublime colours and three finishes. The addition of a paver and coping also makes it ideal for outdoor areas.



Bluestone

GNS CERAMICS
EXCLUSIVELY WHOLESALE





Silver



Grey



Charcoal

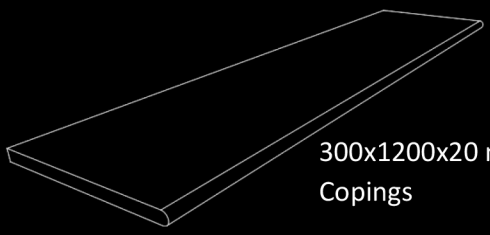
600x600
Matt
Honed
External

300x600
Matt
Honed
External

75x300
Honed

300x300
Matt

600x1200
Matt
Honed
External



300x1200x20 mm
Copings

600x600x20mm
External Pavers

Glazed Porcelain

Rectified Edge

V2
Variation

Floor Cat. 4

P3
Matt

P4
External Tile

P5
External Paver

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

Click or Scan for Installation Instructions

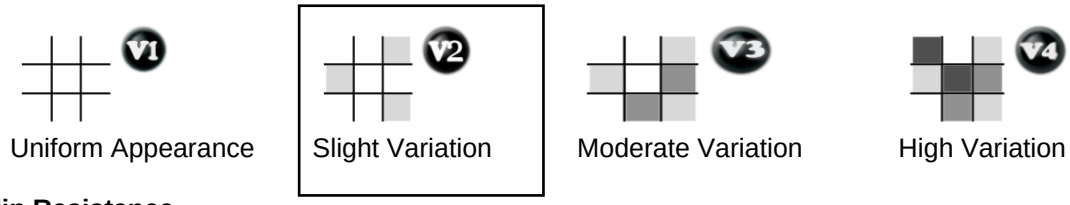
Ceramic tiles are only one component of a much larger building system. It is our experience that failure of any tiling system is very often the result of a combination of factors. For example; inappropriate design, type of substrate, surface preparation, temperature during installation, adhesives, incompatibility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



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 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.

National Center of Supervision and Inspection for Ceramic Sanitary and Plumbing Fixture

Test Report

No.: G19-WT5781E

Form No.: QR-CX049-02A/Ed.10.0

No.	Test Items	Unit	Technical Requirements			Test Results		Verdict
1	Size and difference	%	Length	The deviation, of the average size for each tile from the work size	±0.6	-0.02～+0.01		Pass
		mm			Maximum ±2.0	-0.2～+0.1		
		%	Width	The deviation, of the average size for each tile from the work size	±0.6	+0.03～+0.07		
		mm			Maximum ±2.0	+0.2～+0.4		
		mm	Thickness	Worksize≤11.0		10.5		
		%		The deviation, of the average size for each tile from the work size	±5.0	+1.0～+1.9		
		mm			Maximum ±0.5	+0.1～+0.2		
2	Straightness of sides	%	±0.5			-0.04～+0.05		Pass
		mm	Maximum±1.5			-0.24～+0.33		
3	Rectangularity	%	±0.5			-0.03～+0.04		Pass
		mm	Maximum±2.0			-0.28～+0.29		
4	Surface flatness	mm	Convexity	≤2.0		0.4		Pass
			Concave	≤2.0		0.3		
5	Surface quality	——	A minimum of 95% of the tiles shall be free from visible defects that would impair the appearance of a major area of tiles.			Conformed		Pass
6	Water absorption	%	Average maximum 0.5 Individual maximum 0.6			0.06 0.04～0.07		Pass
7	Breaking strength	N	When the thickness≥7.5mm, the mean value shall not be less than 1300			3146		Pass
8	Modulus of rupture	MPa	Average minimum 35 Individual minimum 32			45 43～46		Pass
9	Crazing resistance	——	No crazing or peeling on the glazed surface after the crazing test.			Conformed		Pass
10	Resistance to staining	———	Mininum class 3			Class 5		Pass
11	Resistance to household chemicals & swimming pool salts	——	Minimum GB			Class GA		Pass
12	Static coefficient of friction	———	Individual≥0.50			Dry	0.56～0.58	Pass

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Test Report

No.: G19-WT5781E

Form No.: QR-CX049-02A/Ed.10.0

No.	Test Items	Unit	Technical Requirements	Test Results		Verdict
13	Resistance to thermal shock	-----	Report the test result after test	No crack		-----
14	Resistance to low concentrations of acids and alkalis	-----	Manufacturer to state classification	Class GLA		----
15	Surface abrasion	-----	Report abrasion class and cycles passed	1500 cycles	Class 3	----
16	Coefficient of linear thermal expansion	$℃^{-1}$	Report the coefficient of linear thermal expansion	7.0×10^{-6}		----
17	Moisture expansion	%	Report the test result after test	<0.01		----
18	Impact resistance	-----	Report the average resiliency coefficient	0.85		----
19	Lead release	mg/L	Report the release	<0.5		----
		mg/dm^2		<0.02		
20	Cadmium release	mg/L	Report the release	<0.05		----
		mg/dm^2		<0.002		

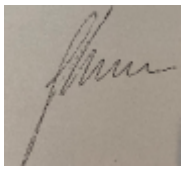
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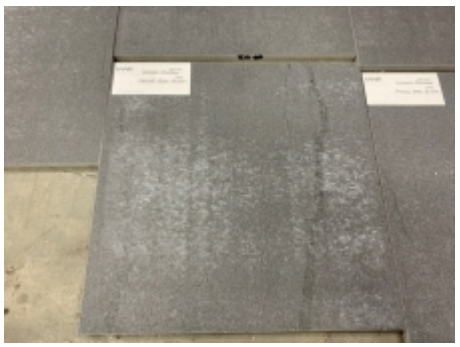
GNS Ceramics - 300x300 CR603219 - Victorias Bluestone Charcoal Matt - Wet Sliptest SN180520-4

18 May 2020

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

Date Tested:	18 May 2020
Test Report Number:	SN180520-4
Client Name & Address:	GNS Ceramics Pty Ltd - 3 Cox Place GLENDENNING NSW 2761
Test Site / Surface Tested :	300x300 CR603219 - Victorias Bluestone Charcoal Matt
Sample Information :	Samples and Test Information Supplied by Client
Wet Pendulum Test carried out using :	Slider 96 (4S) Rubber slider
Record ambient temperature (°C)	18
Testing Officer :	Shenea Neill
Testing Officer :	#1133 - 31.10.2019 - Munro-Stanley Portable Skid Tester
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
Tile 1	45	45	45	44	44	44	
Tile 2	47	47	47	47	47	47	
Tile 3	48	48	47	47	47	47	
Tile 4	45	45	45	45	45	45	
Tile 5	46	46	46	46	46	46	

Mean BPN Slip Resistance Value (SRV)	46
CLASSIFICATION using Slider 96 (4S Slider)	P4 = 45 - 54

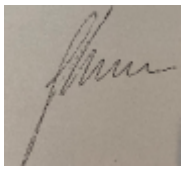
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GNS Ceramics - 300x300 CR603219W - Victorias Bluestone Charcoal External - Wet Sliptest SN180520-3

18 May 2020

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

Date Tested:	18 May 2020
Test Report Number:	SN180520-3
Client Name & Address:	GNS Ceramics Pty Ltd - 3 Cox Place GLENDENNING NSW 2761
Test Site / Surface Tested :	300x300 CR603219W - Victorias Bluestone Charcoal External
Sample Information :	Samples and Test Information Supplied by Client
Wet Pendulum Test carried out using :	Slider 96 (4S) Rubber slider
Record ambient temperature (°C)	18
Testing Officer :	Shenea Neill
Testing Officer :	#1133 - 31.10.2019 - Munro-Stanley Portable Skid Tester
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
Tile 1	61	61	61	60	60	60	
Tile 2	60	60	60	60	60	60	
Tile 3	63	63	61	61	61	61	
Tile 4	60	60	60	60	60	60	
Tile 5	65	65	65	65	65	65	

Mean BPN Slip Resistance Value (SRV)	61
CLASSIFICATION using Slider 96 (4S Slider)	P5 = > 54

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