



Quarrazzo

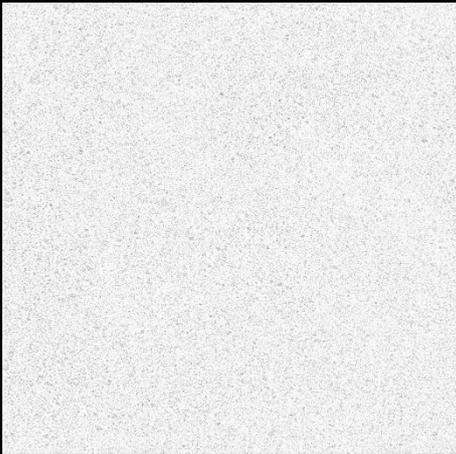
Quarrazzo was conceived as a union between Quartz Stone and Terrazzo, creating a soft and subtle fusion for contemporary spaces. Now available in 300x600mm matt finish.



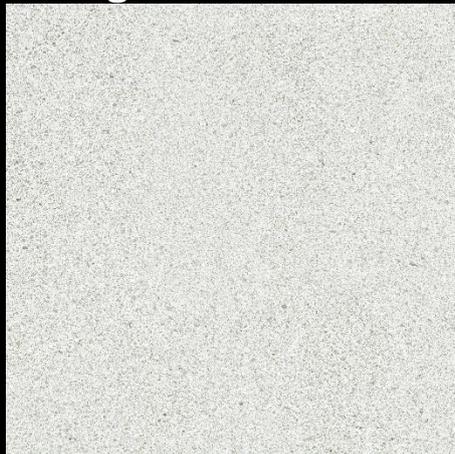
Quarrazzo



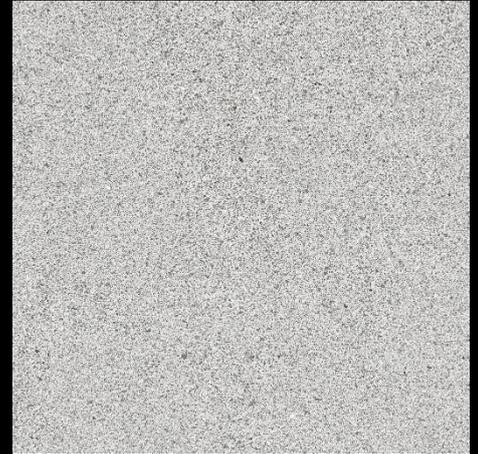
Snow White



Nougat



Silver Pearl



Basalt Black



600x600 mm
Matt
Lappato

300x300 mm
Matt

300x600 mm
Matt
Lappato

Glazed
Porcelain

V2
Variation

Rectified
Edge



Matt



Floor Cat. 4

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.

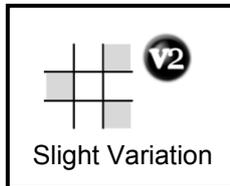
Cleaning and Maintenance

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



Uniform Appearance



Slight Variation



Moderate Variation



High Variation

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.

Technical Performance

		TEST METHOD	INTERNATIONAL STANDARDS	FLORINA VALUE
	LENGTH	ISO 10545-2	± 0.6%, ± 2.0mm	± 0.1%, ± 1.0mm
	WIDTH	ISO 10545-2	± 0.6%, ± 2.0mm	± 0.1%, ± 1.0mm
	THICKNESS	ISO 10545-2	± 5%, ± 0.5mm	± 1%, ± 0.3mm
	SURFACE FLATNESS	ISO 10545-2	± 0.5%, ± 2.0mm	± 0.5%, ± 2.0mm
	STRAIGHTNESS OF SIDES	ISO 10545-2	± 0.5%, ± 1.5mm	± 0.02%, ± 0.1mm
	RECTANGULARITY	ISO 10545-2	± 0.5%, ± 2.0mm	± 0.1%, ± 1.0mm
	WATER ABSORPTION	ISO 10545-3	Eb≤0.5%	Eb≤0.5%
			Individual maximum 0.6%	Individual maximum 0.6%
	BREAKING STRENGTH	ISO 10545-4	≥ 1300N	≥ 1300N
	MODULUS OF RUPTURE	ISO 10545-4	Minimum 35	Minimum 35
			Individual minimum 32	Individual minimum 32
	STAIN RESISTANCE	ISO 10545-14	Minimum Class 3	Class 5 Livello 5 Clase5
	ABRASION RESISTANCE	ISO 10545-7	Report abrasion class	Class 3-4
			Report cycles passed	1500
	FROST RESISTANCE	ISO 10545-12	Required	Pasa
	CRAZING RESISTANCE	ISO 10545-11	Required	Pasa
	SLIP RESISTANCE	DIN 51130	From R9 to R11 Da R9 a R11	Matt R9 - R10 Anti-Slip R11
		DIN 51097	Class A, B and C	Matt Class B Anti-Slip Class C
		ANSI A137.1-2012	Matt μ≥0.42 Anti-Slip μ≥0.64	Glacial μ≥0.45 Matt μ≥0.55 Anti-Slip μ≥0.68
		AS 4586:2013 Appendix A	P0 - P5	Matt P3 Anti-Slip P5
		GB/T 4100-2015 Appendix M	μ≥0.5	Static friction coefficient of floor tile ≥0.5

**GNS Ceramics - sample Florina Quarrazzo silver Wet Sliptest Report
AO12031912**

12 Mar 2019

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

Date Tested:	12 Mar 2019
Test Report Number:	AO12031912
Client Name & Address:	GNS Ceramics - 3 Cox Place, Glendenning NSW, N/A, GNS Ceramics -
Test Site / Project:	GNS Ceramics - sample tile
Surface / Product Tested:	Sample tile - Florina Quarrazzo silver pearl Matt Q3 300x300
Wet Pendulum Test carried out using :	Slider 96 (4S) Rubber slider
Record ambient temperature (°C)	22
Testing Officer :	Adam Oliver - Wessex Portable Skid Tester - #SK 1913 - 13.02.2020
Testing Officer Signature	

Test Results :

Sample No.	Swing 1	Swing 2	Swing 3	Swing 4	Swing 5	Mean BPN of last 3 swings :	Surface Picture
Tile 1	52	52	51	50	50	50	
Tile 2	40	39	38	37	36	37	
Tile 3	52	51	50	50	50	50	
Tile 4	42	40	39	39	39	39	
Tile 5	43	42	41	41	40	41	

Mean BPN Slip Resistance Value (SRV) 43

CLASSIFICATION using Slider 96 (4S Slider) P3 = 35 - 44

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