



Bamboo

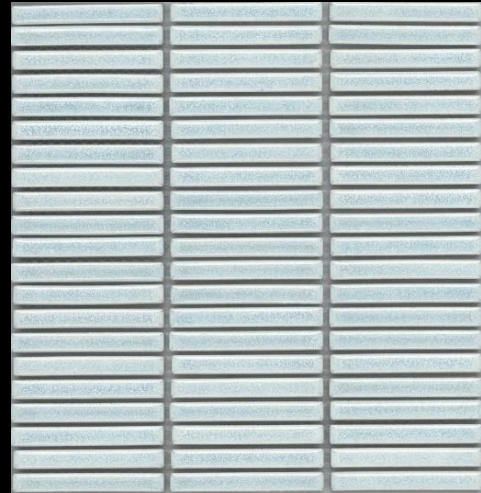
Petite 12x92 finger mosaics, in 5 unique colours, will provide a striking feature wherever they are used.

Bamboo

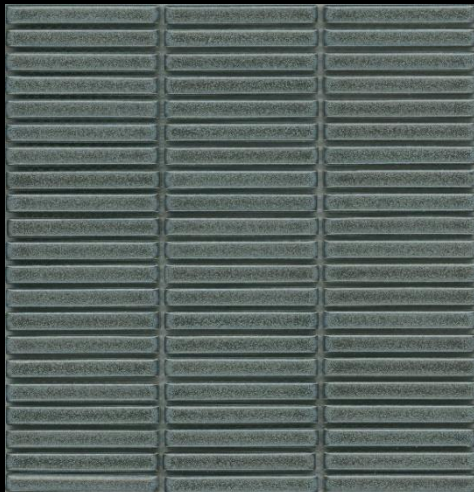
12x92mm Finger Mosaics



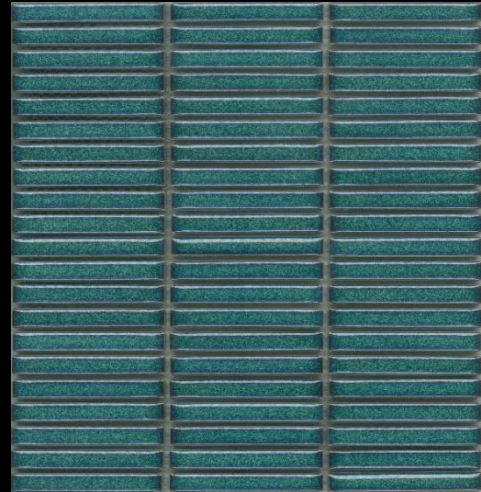
White Chalk



Mint



Grey Smoke



Jade



Marine Opal

Glazed
Porcelain

Gloss
Finish

Suitable For
Swimming
Pools

V2
Variation

V4
Variation
Marine Opal



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



Click or Scan for
Installation Instructions

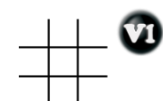
Ceramic tiles are only one component of a much larger building system. It is our experience that failure of any tiling system is very often the result of a combination of factors. For example; inappropriate design, type of substrate, surface preparation, temperature during installation, adhesives, incompatibility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

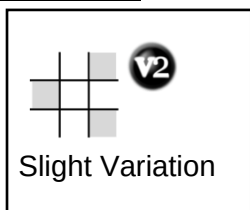
Cleaning and Maintenance

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



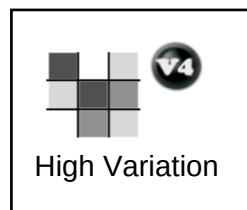
Uniform Appearance



Slight Variation



Moderate Variation



High Variation

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.

GNS Ceramics' swimming pool mosaics are not suitable for use in areas that are affected by abrasion, excessive vibration and movement, impact, thermal and mechanical shock. We do not recommend tiling on a fibreglass substrate.

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

We recommend:

1. Licensed contractors experienced in the laying of mosaic tiles carry out all work. Installation shall be in accordance with the Australian Building Code and AS3958 part 1 and 2 "Guide to the installation of ceramic tiles" and "Guide to the selection of a ceramic tiling system" respectively.
2. Our mosaic tiles are fixed utilizing
 - a. the floating method of installation
 - b. either a combined epoxy grout and adhesive, or
 - c. a thick bed combined latex fortified cementitious grout and adhesive.
3. The grout and adhesives used be chemically resistant and suitable for use externally in full immersion with none or low porous materials.
4. All mosaics are stored in a clean dry space. Do not allow the tiles to get wet or damp prior to installation.
5. That translucent glass mosaics are installed using grout and adhesives of the same colour. The use of contrasting or different colours may result in the consumer's expectations not being met. We also recommend that adhesives be applied with a view to removing voids as these may be visible through the glass.

Cutting Glass Tiles

If the tile layout requires partial sheets, simply score the mounting sheet holding the tiles together with a utility knife as needed. If you need to cut the tiles themselves, use specialized glass mosaic tile cutters as other cutters may shatter the small tiles.

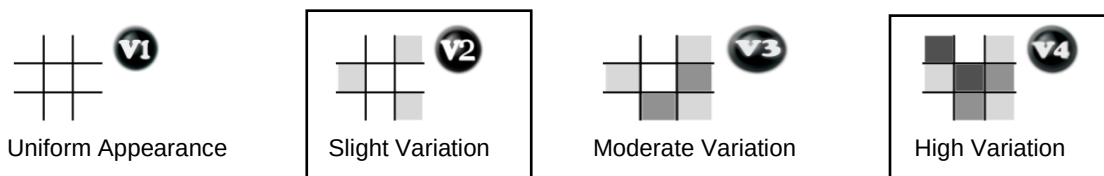
1. Use a carbide glass scoring tool, scoring along the line on the flat surface of the mosaic.
2. Use nippers to break off the glass from the scored line.
3. Grind the sharp edge with a 100mm grinder, used for grinding glass/mirrors.

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 detergent. Should a more vigorous cleaning program be required we recommend the use of a proprietary tile cleaner from a specialty tile supplier.

Colour and Pattern Variation Guide

Variations in shade are inherent in all kiln-fired products and are one of the natural characteristics of kiln-fired products. Industry uses a colour variation guide that rates all tiles on a four-point scale that ranges from V0 through V4.





No.: G13-WT68

National Center of Supervision and Test for Ceramic

Sanitary and Plumbing Fixture

Test Report

Form No.: QR-049-01

Page 1 of 2

Product Name, Model and Dimension Trademark/Grade	Glazed Mosaic 12mmX192mm HK Giannino/Premium Grade	Date of Production	—
		Batch No.	—
		Voucher No.	—
Entrusting Department	HK Giannino Ceramiche Co., Ltd	Test Classification	Entrusted Test
Entrusting Department Address	Internationl Plaza, Chancheng District, Foshan, Guangdong, China	Sample Quantity	1 CTN
Manufacturer (Supplied by the applicant)	HK Giannino Ceramiche Co., Ltd	Receival Date	2016-11-02
Manufacturer Address (Supplied by the applicant)	Internationl Plaza, Chancheng District, Foshan, Guangdong, China	Sample Receiver	Pan Yi
Sample's State and Characteristic	The package is normal		
Test Basis	GB/T4100-2006 (Annex G) 《Ceramic Tiles Annex G Dry-pressed ceramic tiles with Low water absorption $E \leq 0.5\%$ Group BIa—porcelain tiles》		
Test Result	The test results comply with the requirement of the standard GB/T 4100-2006 Annex G, the test is passed.  NOTE: Any duplicated copy will be invalid without a red stamp specially for Test restamped.		
Remarks	The test report is only responsible for the sample.		

Approved by: 王卓妮

Checked by: 吴静

Tested by: 黄伟雄



National Center of Supervision and Test for Ceramic
Sanitary and Plumbing Fixture
Test Report

No.: G13-WT68

Form No.: QR-049-02

Page 2 of 2

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 ± 1.2	-0.21~+0.21	Pass
				The deviation, of the average size for each tile from the average size of the 10 test specimens ± 0.75	-0.21~+0.21	
			Thickness		± 10 -3.3~0	
2	Straightness of sides	%	± 0.75		-0.15~+0.27	Pass
3	Rectangularity	%	± 1.0		-0.21~+0.17	Pass
4	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
5	Water absorption	%	Average maximum 0.5 Individual maximum 0.6		0.50 0.40~0.60	Pass
6	Breaking strength	N	When the thickness < 7.5mm, the mean value shall not be less than 700		955	Pass
7	Modulus of rupture	MPa	Average minimum 35 Individual minimum 32		67 65~69	Pass
8	Crazing resistance	—	No crazing or peeling on the glazed surface after the crazing test.		Conformed	Pass
9	Frost resistance	—	No crack or peeling after the frost test		Conformed	Pass
10	Resistance to staining	—	Minimum Class 3		Class 5	Pass
11	Resistance to household chemicals and swimming pool salts	—	Minimum GB		Class GA	Pass

Checked by : 吴静

Tested by : 潘海雄