



## Ballina

A soft natural stone inspired collection, the Ballina series provides a refreshing subtle movement that rejuvenates and elevates any space. The Ballina series is available in 4 modern colours and is available in both a matt and external finish.





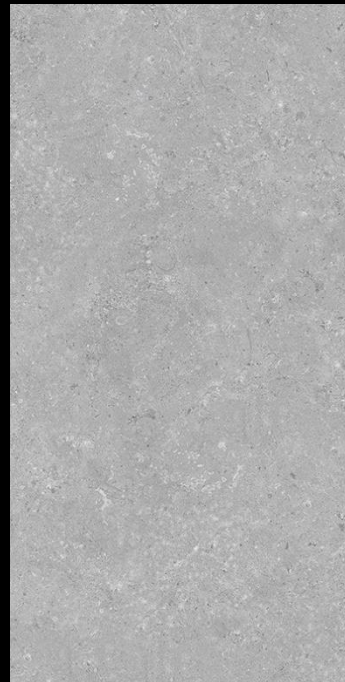
**Ballina**



Bone



Silver Pearl



Grey



Charcoal

600x1200mm  
Matt

600x600mm  
Matt  
External

75x300mm  
Matt

300x600mm  
Matt

Glazed  
Technical  
Porcelain

Rectified  
Edge

**V2**  
Variation



Matt



External



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

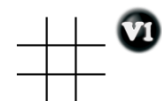
Ceramic tiles are only one component of a much larger building system. It is our experience that failure of any tiling system is very often the result of a combination of factors. For example; inappropriate design, type of substrate, surface preparation, temperature during installation, adhesives, incompatibility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

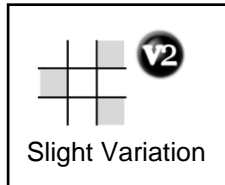
### Cleaning and Maintenance

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.



## TEST REPORT

Test report No.: **25202203601**

Page 1 of 1

Applicant: TIARON INTERNATIONAL CO.,LIMITED

Address of Applicant: ROOM 2107, 21/F.,C C WU BUILDING, 302-308 HENNESSY ROAD WANCHAI HONG KONG

Name of Sample: BALLINA SILVER PEARL MATT

Mark of Samples: BLM6065      Sizes of Sample: 60cm × 60cm

Source of Samples: Samples selected by applicant      Quantity of Samples: 4 Pieces

Received on: 2022-09-13      Test Date: 2022-09-14~2022-09-16

Test Standard: 1.AS ISO 10545-3:2020 *Ceramic tiles -Part 3: Determination of water absorption, Apparent porosity, apparent relative density and bulk density.*  
2.AS 4459.7-1999 *Ceramic tiles – part 7: Determination of resistance to surface abrasion for glazed tiles.*  
3.AS 4586-2013/Amdt 1-2017 Appendix A *Slip resistance classification of new pedestrian surface materials*

### Results of Inspection:

Test Item	Test Method	Test Result
Water absorption, in %	AS ISO 10545.3:2020	Average: 0.25 Individual value: 0.17, 0.23, 0.32, 0.28
Resistance to surface abrasion of glazed tiles	AS 4459.7-1999	Class 4 Failure visible at 2100 revolutions
Slip resistance, Wet pendulum test method, Slider 96	AS 4586-2013/Amdt 1-2017 Appendix A	SRV: 50 Class: P4

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End of Test Report

Stamp of inspection unit



Authorized Signatory

*肖景红*

XIAO JINGHONG

Date **2022-09-19**

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Notes: 1. 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. This report shall not be reproduced, except in full, without the prior written approval from the issuing laboratory. 3. The results in this report apply to the samples only. 4. The product information are declared by applicant, and laboratory is not responsible for the authenticity.

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 2/F, Building 18, Lanshi International Metal Exchange Center, Kuiqi Road, Chancheng District, Foshan, Guangdong, China 528000  
Tel: 86-757-83960558 83827991 Fax: 86-757-83827971 E-mail: fsiqtc@163.com



## TEST REPORT

Test report No.: 25202203600

Page 1 of 1

Applicant: TIARON INTERNATIONAL CO.,LIMITED

Address of Applicant: ROOM 2107, 21/F.,C C WU BUILDING, 302-308 HENNESSY ROAD WANCHAI HONG KONG

Name of Sample: BALLINA SILVER PEARL INOUT

Mark of Samples: BLS6065                      Sizes of Sample: 60cm × 60cm

Source of Samples: Samples selected by applicant                      Quantity of Samples: 4 Pieces

Received on: 2022-09-13                      Test Date: 2022-09-14~2022-09-16

Test Standard:  
1.AS 4459.7-1999 Ceramic tiles – part 7: Determination of resistance to surface abrasion for glazed tiles.  
2.AS 4586-2013/Amdt 1-2017 Appendix A Slip resistance classification of new pedestrian surface materials

Results of Inspection:

Test Item	Test Method	Test Result
Resistance to surface abrasion of glazed tiles	AS 4459.7-1999	Class 4 Failure visible at 6000 revolutions
Slip resistance, Wet pendulum test method, Slider 96	AS 4586-2013/Amdt 1-2017 Appendix A	SRV: 62 Class: P5

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End of Test Report

Stamp of inspection Unit



Authorized Signatory 肖景红  
XIAO JINGHONG

Date 2022-09-19

声明: 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; 2、未经本实验室书面许可,不得部分复制本报告; 3、本报告仅是样品的检测结果; 4、本报告所述的样品信息为委托单位自行声明,实验室不负责其真实性。

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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 2/F, Building 18, Lanshi International Metal Exchange Center, Kuiqi Road, Chancheng District, Foshan, Guangdong, China 528000  
Tel: 86-757-83960558 83827991 Fax: 86-757-83827971 E-mail: fsiqtc@163.com